

**NOTE: THIS VERSION OF AU OPTRONICS CORP'S FORM 20-F, AS FILED WITH THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION ("SEC") ON HTML FORMAT ON MARCH 27, 2020, HAS BEEN CONVERTED FROM HTML BACK TO MICROSOFT WORD. PLEASE VISIT THE SEC'S WEBSITE AT [www.sec.gov](http://www.sec.gov) FOR THE FILED VERSION OF AU OPTRONICS CORP'S FORM 20-F, INCLUDING THE EXHIBITS.**

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**FORM 20-F**

(Mark One)

- REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES EXCHANGE ACT OF 1934**
- OR**
- ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**  
**For the fiscal year ended December 31, 2019**
- OR**
- TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**
- OR**
- SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

Commission file number: 001-31335

**友達光電股份有限公司**  
(Exact name of Registrant as specified in its charter)

**AU OPTRONICS CORP.**  
(Translation of Registrant's name into English)

**TAIWAN, REPUBLIC OF CHINA**  
(Jurisdiction of incorporation or organization)

**1 LI-HSIN ROAD 2  
HSINCHU SCIENCE PARK  
HSINCHU, TAIWAN  
REPUBLIC OF CHINA**  
(Address of principal executive offices)

**Benjamin Tseng  
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**E-mail: IR@auo.com**  
(Name, Telephone, E-mail and/or Facsimile number and Address of Company Contact Person)

Securities registered or to be registered pursuant to Section 12(b) of the Act:

| Title of each class                       | Trading Symbol (s) | Name of each exchange on which registered  |
|---|--------------------|--|
| Common Shares of par value NT\$10.00 each | AUOTY              | The New York Stock Exchange, Inc. (until September 30, 2019)*<br>OTC Markets Group (since October 1, 2019) |

\* Not for trading but only in connection with the listing on the New York Stock Exchange, Inc. of American Depositary Shares representing such Common Shares

Securities registered or to be registered pursuant to Section 12(g) of the Act: None

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act: None

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report: 9,499,245,115 Common Shares.

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes  No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934. Yes  No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. Check one):

Large Accelerated Filer  Accelerated Filer  Non-accelerated Filer  Emerging Growth Company

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

U.S. GAAP  International Financial Reporting Standards as issued by the International Accounting Standards Board  Other

If "Other" has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow.  Item 17  Item 18

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

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## SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This annual report on Form 20-F contains “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). These forward-looking statements are based on our beliefs and assumptions and the information available to us from other sources we believe to be reliable as of the date these disclosures were prepared and we undertake no obligation to update these forward-looking statements. You should not place undue reliance on these forward-looking statements, which apply only as of the date of this annual report. The words “anticipate,” “believe,” “expect,” “intend,” “seek,” “plan,” “estimate” and similar expressions, as they relate to us, are intended to identify a number of these forward-looking statements. Our actual results of operations, financial condition or business prospects may differ materially from those expressed or implied in these forward-looking statements for a variety of reasons, including, among other things and not limited to:

- the cyclical nature of our industry;
- further declines in selling prices;
- our ability to comply with the applicable covenants under the terms of our debt instruments;
- litigation and regulatory investigations against us;
- our dependence on introducing new products on a timely basis;
- our dependence on growth in the demand for our products;
- our continued ability to achieve high-capacity utilization rates;
- our ability to effectively manage inventories;
- our dependence on a small number of customers for a substantial portion of our net revenue;
- our ability to allocate capacity efficiently and in a timely manner;
- implementation of our expansion plans and our ability to obtain capital resources for our planned growth;
- our ability to compete effectively;
- our ability to expand into new businesses, industries or internationally and to undertake mergers, acquisitions, investments or divestments;
- changes in the accounting standard as required by the ROC government;
- our dependence on key personnel;
- our relationship with our affiliates;
- our ability to acquire sufficient raw materials and key components and obtain equipment and services from our suppliers in suitable quantity and quality;
- changes in technology and competing products;
- possible disruptions in commercial activities caused by natural and human-induced disasters, including terrorist activity and armed conflict;
- general political, economic, financial and regulatory conditions;
- fluctuations in foreign currency exchange rates; and
- other factors in the “Risk Factors” section in this annual report. Please see “Item 3. Key Information—3.D. Risk Factors.”

## **CERTAIN CONVENTIONS**

We publish our financial statements in New Taiwan dollars (“NT dollars”), the lawful currency of the Republic of China (“ROC”). This annual report contains translations of NT dollar amounts, Renminbi (“RMB” or “CNY”) amounts, Japanese Yen (“JPY”) amounts and Euro (“EUR”) amounts, into United States dollars (“U.S. dollars”), at specific rates solely for the convenience of the reader. For convenience only and unless otherwise noted, all translations between NT dollars and U.S. dollars, between RMB and U.S. dollars, between JPY and U.S. dollars and between EUR and U.S. dollars in this annual report were made at a rate of NT\$29.91 to US\$1.00, RMB6.9618 to US\$1.00, JPY108.67 to US\$1.00 and EUR0.8907 to US\$1.00, respectively, the exchange rates set forth in the H.10 weekly statistical release of the Federal Reserve System of the United States (the “Federal Reserve Board”) on December 31, 2019. No representation is made that the NT dollar, RMB, JPY, EUR or U.S. dollar amounts referred to herein could have been or could be converted into U.S. dollars, RMB, JPY, EUR or NT dollars, as the case may be, at any particular rate or at all. On March 13, 2020, the exchange rates set forth in the H.10 weekly statistical release of the Federal Reserve Board were NT\$30.13 to US\$1.00, RMB7.0079 to US\$1.00, JPY107.15 to US\$1.00 and EUR0.9037 to US\$1.00, respectively. Any discrepancies in any table between totals and sums of the amounts listed are due to rounding.

## REFERENCES

Unless otherwise indicated, in this annual report, the following terms shall have the meaning set out below:

|                                 |  |
|---------------------------------|--|
| <b>“Acer Display”</b>           | Acer Display Technology, Inc.  |
| <b>“ACTW”</b>                   | AUO Crystal Corp.  |
| <b>“AD”</b>                     | Anti-Dumping Duty  |
| <b>“ADSS”</b>                   | American Depositary Shares   |
| <b>“AHVA”</b>                   | Advanced Hyper-Viewing Angle   |
| <b>“AMOLED”</b>                 | Active-matrix organic light emitting diode, is an organic light emitting diode display technology  |
| <b>“A.R.T”</b>                  | Advanced Reflectionless Technology   |
| <b>“AUKS”</b>                   | AU Optronics (Kunshan) Co., Ltd.   |
| <b>“AUSP”</b>                   | AUO SunPower Sdn. Bhd.   |
| <b>“AUSZ”</b>                   | AU Optronics (Suzhou) Corp., Ltd.  |
| <b>“AUUS”</b>                   | AU Optronics Corporation America   |
| <b>“BenQ”</b>                   | BenQ Corporation   |
| <b>“B/L”</b>                    | Backlight  |
| <b>“BMC”</b>                    | BenQ Materials Corp.   |
| <b>“BTA”</b>                    | The basic tax amount   |
| <b>“CADE”</b>                   | Conselho Administrativa de Defesa Economica  |
| <b>“CGU”</b>                    | Cash-generating unit, the smallest identifiable group of assets that generates cash inflows which are largely independent of the cash inflows from other assets or group of assets |
| <b>“China” or “PRC”</b>         | The People’s Republic of China, excluding Taiwan and the special administrative regions of Hong Kong and Macau   |
| <b>“CID”</b>                    | Center Information Display   |
| <b>“Code”</b>                   | The Internal Revenue Code of 1986, as amended  |
| <b>“Convertible Securities”</b> | Bonds with warrants, preferred shares with warrants, convertible bonds, convertible preferred shares or certificates of warrants   |
| <b>“COSO”</b>                   | Committee of Sponsoring Organizations of the Treadway Commission   |
| <b>“CVD”</b>                    | Countervailing Duty  |
| <b>“Deposit Agreement”</b>      | Deposit agreement and its amendment  |
| <b>“DG COMP”</b>                | The Commission of the European Communities Directorate-General for Competition   |
| <b>“DTC”</b>                    | The Depository Trust Company   |
| <b>“EPA”</b>                    | Environmental Protection Administration  |
| <b>“Exchange Act”</b>           | Securities Exchange Act of 1934, as amended  |
| <b>“fabs”</b>                   | Fabrication plants   |
| <b>“FDTC”</b>                   | Fujitsu Display Technologies Corporation (which was merged into Fujitsu Limited)   |
| <b>“Federal Reserve Board”</b>  | The Federal Reserve System of the United States  |
| <b>“Forhouse”</b>               | Forhouse Corporation   |
| <b>“FSC”</b>                    | The ROC Financial Supervisory Commission   |
| <b>“FTA”</b>                    | Free Trade Agreement   |
| <b>“GOA”</b>                    | Gate on Array  |
| <b>“HD”</b>                     | High definition  |
| <b>“HDR”</b>                    | High dynamic range technology  |
| <b>“Hydis”</b>                  | Hydis Technologies Co., Ltd.   |
| <b>“IFRS”</b>                   | The International Financial Reporting Standards as issued by the International Accounting Standards Board  |
| <b>“IJP”</b>                    | Ink Jet Printing   |
| <b>“Investment Regulations”</b> | The ROC Regulations Governing Investment in Securities by Overseas Chinese and Foreign Nationals   |



|                                    |   |
|------------------------------------|---|
| <b>“Investment tax credit”</b>     | Invest brand-new smart machine tax credit   |
| <b>“Israeli Court”</b>             | District Court of the Central District in Israel  |
| <b>“large-size panels”</b>         | Panels ten inches and above in diagonal length  |
| <b>“LTPS”</b>                      | Low temperature poly-silicon method   |
| <b>“LG Display” or “LGD”</b>       | LG Display Co., Ltd.  |
| <b>“M.Setek”</b>                   | M.Setek Co., Ltd.   |
| <b>“mm”</b>                        | Millimeters   |
| <b>“MOEAIC”</b>                    | Investment Commission of Ministry of Economic Affairs   |
| <b>“non-ROC resident”</b>          | A person who is not a resident of the ROC   |
| <b>“NTSC”</b>                      | National Television System Committee  |
| <b>“NYSE”</b>                      | New York Stock Exchange   |
| <b>“Northern California Court”</b> | The United States District Court for the Northern District of California  |
| <b>“OLED”</b>                      | Organic light emitting diode, a light emitting display technology   |
| <b>“our company,” “us” or “we”</b> | AU Optronics Corp. and/or its consolidated subsidiaries, unless the context suggests otherwise  |
| <b>“PCAOB”</b>                     | Public Company Accounting Oversight Board   |
| <b>“PCBA”</b>                      | Printed Circuit Board Assembly  |
| <b>“PID”</b>                       | Public Information Display  |
| <b>“PFIC”</b>                      | A passive foreign investment company  |
| <b>“Pre-release”</b>               | American depository shares released before delivery of shares to the depository   |
| <b>“QCSZ”</b>                      | Qisda (Suzhou) Co., Ltd.  |
| <b>“QDI”</b>                       | Quanta Display Inc.   |
| <b>“QDIIs”</b>                     | Qualified domestic institutional investors  |
| <b>“Qisda”</b>                     | Qisda Corporation   |
| <b>“Raydium”</b>                   | Raydium Semiconductor Corporation   |
| <b>“RCEP”</b>                      | Regional Comprehensive Economic Partnership   |
| <b>“R&amp;D tax credit”</b>        | Research and development expenditures tax credit  |
| <b>“ROC” or “Taiwan”</b>           | The island of Taiwan and the areas under the effective control of the Republic of China   |
| <b>“ROC government”</b>            | The government of the ROC   |
| <b>“Samsung”</b>                   | Samsung Electronics Co., Ltd.   |
| <b>“Samsung Display”</b>           | Samsung Display Co., Ltd.   |
| <b>“Samsung Group”</b>             | Samsung Electronics Co., Ltd. and its subsidiaries  |
| <b>“SEC”</b>                       | The United States Securities and Exchange Commission  |
| <b>“Securities Act”</b>            | Securities Act of 1933  |
| <b>“Seiko Epson”</b>               | Seiko Epson Corporation   |
| <b>“SID”</b>                       | Society for Information Display   |
| <b>“Sharp”</b>                     | Sharp Corporation   |
| <b>“SSEC”</b>                      | Star Shining Energy Corp.   |
| <b>“subsidiary”</b>                | A company owned directly or indirectly by AU Optronics Corp., unless the context suggests otherwise   |
| <b>“SPTL”</b>                      | SunPower Technology, Ltd., a subsidiary of SunPower Corporation   |
| <b>“Taiwan IFRS”</b>               | The International Financial Reporting Standards as issued by the International Accounting Standards Board and endorsed by the FSC, which are required to be adopted by applicable companies in Taiwan |
| <b>“TDDI”</b>                      | Touch and display driver integration  |
| <b>“UHD”</b>                       | Ultra high definition   |
| <b>“U.S. DOJ”</b>                  | The United States Department of Justice   |
| <b>“Unipac”</b>                    | Unipac Optoelectronics Corp.  |
| <b>“VESA”</b>                      | Video Electronics Standards Association   |
| <b>“VPV”</b>                       | Vista Peak Ventures, LLC  |

## PART I

### ITEM 1. IDENTITY OF DIRECTORS, SENIOR MANAGEMENT AND ADVISERS

Not applicable.

### ITEM 2. OFFER STATISTICS AND EXPECTED TIMETABLE

Not applicable.

### ITEM 3. KEY INFORMATION

#### 3.A. Selected Financial Data

The selected consolidated financial data set forth below as of December 31, 2018 and 2019 and for the years ended December 31, 2017, 2018 and 2019 have been derived from our audited consolidated financial statements and the related notes, which have been prepared in accordance with IFRS, included elsewhere in this annual report. The selected consolidated statement of financial position data as of December 31, 2015, 2016 and 2017 and selected consolidated statement of comprehensive income data for the years ended December 31, 2015 and 2016 have been derived from our audited consolidated financial statements prepared in accordance with IFRS that are not included herein. The selected financial data set forth below should be read in conjunction with “Item 5. Operating and Financial Review and Prospects” and our consolidated financial statements and the accompanying notes included elsewhere in this annual report.

|   | Year Ended and As of December 31, |           |           |           |            |         |
|---|-----------------------------------|-----------|-----------|-----------|------------|---------|
|   | 2015                              | 2016      | 2017      | 2018      | 2019       | 2019    |
|   | NT\$                              | NT\$      | NT\$      | NT\$      | NT\$       | US\$    |
| (in millions, except percentages and earnings per share and per ADS data) |                                   |           |           |           |            |         |
| <b>Consolidated Statement of Comprehensive Income Data:</b>               |                                   |           |           |           |            |         |
| Net revenue .....   | 360,346.5                         | 329,089.0 | 341,028.3 | 307,634.4 | 268,791.7  | 8,986.7 |
| Gross profit .....  | 39,837.1                          | 34,491.0  | 61,041.7  | 28,139.5  | 455.9      | 15.3    |
| Selling and distribution expenses .                                       | (4,206.1)                         | (3,895.1) | (3,889.0) | (3,946.5) | (3,751.1)  | (125.4) |
| General and administrative expenses .....                                 | (9,206.0)                         | (9,176.7) | (8,158.9) | (7,978.3) | (7,363.2)  | (246.2) |
| Research and development expenses .....                                   | (8,903.8)                         | (9,080.8) | (9,854.7) | (9,546.8) | (9,809.6)  | (328.0) |
| Profit (loss) before income tax .....                                     | 7,598.9                           | 11,185.9  | 39,363.6  | 11,216.2  | (19,844.8) | (663.5) |
| Income tax expense (benefit) .....  | 384.9                             | 2,432.5   | (1,125.2) | 322.4     | 1,336.1    | 44.7    |
| Profit (loss) for the year .....  | 7,214.0                           | 8,753.4   | 40,488.8  | 10,893.8  | (21,180.9) | (708.2) |
| Total comprehensive income (loss) for the year .....                      | 6,482.3                           | 1,423.5   | 39,669.9  | 9,510.0   | (22,592.7) | (755.4) |
| Profit (loss) for the year attributable to:                               |                                   |           |           |           |            |         |
| Shareholders of AU Optronics Corp. ....                                   | 7,242.2                           | 9,965.1   | 42,609.5  | 13,071.6  | (18,767.2) | (627.5) |
| Non-controlling interests .....   | (28.2)                            | (1,211.7) | (2,120.7) | (2,177.8) | (2,413.7)  | (80.7)  |
| Total comprehensive income (loss) for the year attributable to:           |                                   |           |           |           |            |         |
| Shareholders of AU Optronics Corp. ....                                   | 7,185.7                           | 4,502.5   | 42,146.1  | 11,996.3  | (19,774.4) | (661.2) |
| Non-controlling interests .....   | (703.4)                           | (3,079.0) | (2,476.2) | (2,486.3) | (2,818.3)  | (94.2)  |
| Earnings (loss) per share—Basic..   | 0.75                              | 1.04      | 4.43      | 1.36      | (1.96)     | (0.07)  |
| Earnings (loss) per share—Diluted .....                                   | 0.70                              | 1.02      | 4.27      | 1.34      | (1.96)     | (0.07)  |

|  | Year Ended and As of December 31,   |       |       |       |         |        |
|--|---|-------|-------|-------|---------|--------|
|  | 2015  | 2016  | 2017  | 2018  | 2019    | 2019   |
|  | NT\$  | NT\$  | NT\$  | NT\$  | NT\$    | US\$   |
|  | (in millions, except percentages and earnings per share and per ADS data) |       |       |       |         |        |
| Earnings (loss) per ADS equivalent—Basic.....    | 7.52  | 10.35 | 44.27 | 13.58 | (19.55) | (0.65) |
| Earnings (loss) per ADS equivalent—Diluted ..... | 6.98  | 10.24 | 42.73 | 13.35 | (19.55) | (0.65) |

**Consolidated Statement of Financial Position Data:**

|  |           |           |           |           |           |          |
|--|-----------|-----------|-----------|-----------|-----------|----------|
| Total current assets .....   | 161,992.1 | 163,346.2 | 180,175.5 | 149,067.6 | 143,200.2 | 4,787.7  |
| Property, plant and equipment .....                                  | 208,785.6 | 222,741.8 | 224,933.1 | 221,586.5 | 206,734.5 | 6,911.9  |
| Total assets .....   | 399,237.1 | 405,860.8 | 430,170.7 | 398,551.2 | 386,357.0 | 12,917.3 |
| Total current liabilities.....                                       | 141,867.7 | 118,031.6 | 110,264.7 | 129,364.2 | 90,535.8  | 3,027.0  |
| Total noncurrent liabilities.....                                    | 76,708.3  | 110,992.9 | 107,088.1 | 61,401.7  | 116,919.3 | 3,909.0  |
| Total liabilities .....  | 218,576.0 | 229,024.5 | 217,352.8 | 190,765.9 | 207,455.1 | 6,936.0  |
| Common stock .....   | 96,242.5  | 96,242.5  | 96,242.5  | 96,242.5  | 96,242.5  | 3,217.7  |
| Non-controlling interests in subsidiaries.....                       | 22,648.6  | 18,388.2  | 17,068.5  | 14,416.6  | 11,304.9  | 377.9    |
| Total equity attributable to shareholders of AU Optronics Corp. .... | 158,012.5 | 158,448.1 | 195,749.4 | 193,368.7 | 167,597.0 | 5,603.4  |

**Other Financial Data:**

|  |            |            |            |            |            |         |
|--|------------|------------|------------|------------|------------|---------|
| Gross margin <sup>(1)</sup> .....                              | 11.1%      | 10.5%      | 17.9%      | 9.1%       | 0.2%       | 0.2%    |
| Net margin <sup>(2)</sup> .....                                | 2.0%       | 2.7%       | 11.9%      | 3.5%       | (7.9%)     | (7.9%)  |
| Capital expenditures .....                                     | 33,440.2   | 46,220.1   | 43,881.7   | 34,770.3   | 29,546.6   | 987.9   |
| Depreciation and amortization .....                            | 47,745.8   | 39,693.2   | 36,429.8   | 34,227.5   | 36,257.7   | 1,212.2 |
| Net cash flows provided by operating activities.....           | 62,003.4   | 36,695.8   | 84,363.3   | 40,200.7   | 20,730.6   | 693.1   |
| Net cash flows used in investing activities .....              | (31,734.7) | (42,267.3) | (43,667.5) | (34,497.8) | (28,112.4) | (939.9) |
| Net cash flows provided by (used in) financing activities..... | (34,277.0) | 10,721.2   | (13,410.4) | (41,846.7) | 20,742.1   | 693.5   |

**Segment Data:**

|  |           |           |           |           |            |         |
|--|-----------|-----------|-----------|-----------|------------|---------|
| Net revenue                                |           |           |           |           |            |         |
| Display business .....                     | 333,392.3 | 304,826.7 | 322,335.4 | 290,784.8 | 256,667.2  | 8,581.3 |
| Energy business .....                      | 26,954.2  | 24,262.3  | 18,692.9  | 16,849.6  | 12,124.5   | 405.4   |
| Segment profit (loss) <sup>(3)</sup> ..... |           |           |           |           |            |         |
| Display business .....                     | 19,226.0  | 12,703.5  | 39,971.4  | 7,792.5   | (19,484.4) | (651.4) |
| Energy business .....                      | (1,704.8) | (365.1)   | (832.3)   | (1,124.6) | (983.6)    | (32.9)  |

(1) Gross margin is calculated by dividing gross profit by net revenue.

(2) Net margin is calculated by dividing profit (loss) for the year by net revenue.

(3) Segment profit (loss) represents gross profit (loss) minus selling and distribution expenses, general and administrative expenses and research and development expenses.

**Exchange Rate**

Fluctuations in the exchange rate between NT dollars and U.S. dollars will affect the U.S. dollar equivalent of the NT dollar price of our shares on the Taiwan Stock Exchange and, as a result, will likely affect the market price of the ADSs. These fluctuations will also affect the U.S. dollar conversion by the depositary of cash dividends paid in NT dollars on, and the NT dollar proceeds received by the depositary from any sale of, our shares represented by ADSs.

### **3.B. Capitalization and Indebtedness**

Not applicable.

### **3.C. Reason for the Offer and Use of Proceeds**

Not applicable.

### **3.D. Risk Factors**

#### **Risks Relating to Our Financial Condition, Business and Industry**

***Our industry is cyclical, with recurring periods of capacity increases. As a result, price fluctuations in response to supply and demand imbalances could harm our results of operations.***

The display panel industry in general is characterized by cyclical market conditions. From time to time, the industry has been subject to imbalances between excess supply and a slowdown in demand, and in certain periods, resulting in declines in selling prices. For example, the average selling price per square meter for our large-size panels decreased by 15% in 2019 compared to 2018. In addition, capacity expansion anticipated in the display panel industry may lead to excess capacity. Capacity expansion in the display panel industry may be due to scheduled ramp-up of new fabs, and any large increases in capacity as a result of such expansion could further drive down the selling prices of our panels, which would affect our results of operations. We cannot assure you that any continuing or further decrease in selling prices or future downturns resulting from excess capacity or other factors affecting the industry will not be severe or that any such continuation, decrease or downturn would not seriously harm our business, financial condition and results of operations.

Our ability to maintain or increase our revenues will primarily depend upon our ability to maintain market share, increase unit sales of existing products and introduce and sell new products that offset the anticipated fluctuation and long-term declines in the selling prices of our existing products. We cannot assure you that we will be able to maintain or expand market share, increase unit sales, and introduce and sell new products, to the extent necessary to compensate for market oversupply.

***We may experience declines in the selling prices of our products irrespective of cyclical fluctuations in the industry.***

The selling prices of our products have declined in general and are expected to continually decline with time irrespective of industry-wide cyclical fluctuations as a result of, among other factors, technology advancements and cost reductions. Although we may be able to take advantage of the higher selling prices typically associated with new products and technologies when they are first introduced into the market, prices decline over time and in certain cases, very rapidly as a result of market competition. If we are unable to anticipate effectively and counter the price erosion that accompanies our products, or if the selling prices of our products decrease faster than the rate at which we are able to reduce our manufacturing costs, our profit margins will be affected adversely and our results of operations and financial condition may be affected materially and adversely.

***Our results of operations have fluctuated in the past. If we are unable to achieve profitability in 2020 or beyond, the value of the ADSs and our shares may be adversely affected.***

Our business is significantly affected by cyclical market conditions for the display panel industry. From time to time, the industry has experienced imbalances between excess supply and slowdowns in demand, and in certain periods, resulting in declines in selling prices. In addition, other factors such as technology advancement and cost reductions have driven down and may continue to drive down our average selling prices irrespective of cyclical market conditions for the display panel industry.

The solar industry has undergone challenging business conditions in the past years, including downward pricing pressure for solar modules, solar cells, solar wafers and ingots mainly as a result of oversupply and reductions in applicable governmental subsidies. Although the solar industry may continue to grow in the long run, there is no assurance that the solar industry will not suffer significant downturns or significant reductions in the scope or discontinuation of government incentive programs in the future, especially in markets where we operate or we target, which will adversely affect demands for our solar products as well as our results of operations.

Our results of operations have fluctuated in the past. Our net revenue decreased by approximately 12.6% to NT\$268.8 billion (US\$9.0 billion) in 2019 compared to net revenue of NT\$307.6 billion in 2018, while our net profit for the year decreased from NT\$10.9 billion in 2018 to negative NT\$21.2 billion (negative US\$0.7 billion) in 2019. We cannot assure you that we will be profitable in 2020 or beyond. In addition, we expect that selling prices for many of our existing products will continue to decline over the long term. If we are unable to introduce new products, reduce our production cost to offset the declines in selling prices and maintain a high-capacity utilization rate, our gross margin will decline, which could seriously harm our business and reduce the value of our equity securities. If we are unable to achieve profitability in 2020 or beyond, the value of the ADSs and our shares may be adversely affected.

Our future net revenue, gross profit, net income and financing capabilities may vary significantly due to a combination of factors, including, but not limited to:

- our ability to develop and introduce new products to meet customers' needs in a timely manner;
- our ability to develop or acquire and implement new manufacturing processes and product technologies;
- our ability to control our fixed and variable costs and operating expenses;
- our ability to reduce production cost, such as raw materials and components;
- our ability to manage our product mix;
- our ability to obtain raw materials and components at acceptable prices and in a timely manner;
- lower than expected growth in demand resulting in oversupply in the market;
- our ability to obtain adequate external financing on satisfactory terms; and
- other unforeseen circumstances resulting from the above factors which might lead to derecognition of deferred tax assets.

***We must comply with certain financial and other covenants under the terms of our debt instruments, the failure to comply with which may put us in default under those instruments.***

We are a party to numerous loans and other agreements relating to the incurrence of debt, many of which include financial covenants and broad default provisions. The financial covenants primarily include current ratios, leverage ratio, interest coverage ratios, tangible net worth and other technical requirements, which, in general, govern our existing long-term debt and debt we may incur in the future. These covenants could limit our ability to plan for or react to market conditions or to meet our capital needs in a timely manner and we may have to curtail some of our operations and growth plans to maintain compliance. In addition, any global or regional economic deterioration may cause us to incur significant net losses or force us to assume considerable liabilities, which would adversely impact our ability to comply with the financial covenants of our outstanding loans. If the relevant creditors decline to grant waivers for any noncompliance with the covenants, such noncompliance will constitute an event of default which may trigger a requirement for acceleration of the amounts due under the applicable loan agreements. Some of our loan agreements also contain cross-default clauses, which could enable creditors under our other debt instruments to declare an event of default when there is a default in other loan agreements. We cannot assure you that we will be able to remain in compliance with our financial covenants. In the event of default, we may not be able to cure the default or obtain a waiver on a timely basis. An event of default under any agreement governing our existing or future debts, if not cured by us or waived by our creditors, could have a material adverse effect on our liquidity, financial condition and results of operations. If we breach our financial or other covenants, our financial condition will be adversely affected to the extent we are not able to cure such breaches or repay the relevant debt. We have on occasion failed to comply with certain financial covenants in some of our loan agreements. Although in the past we have either obtained waivers for such noncompliance from the relevant banks or fully repaid the facility, we cannot assure you that we will always be able to do that in the future.

***We are involved in a number of legal proceedings concerning matters arising from our business and operations, and as a result we may face significant liabilities. If we or our employees are found to have violated any applicable law, including antitrust and competition laws in pending actions or new claims, or if our appeals regarding such violations are not successful, we may be subject to severe fines or penalties that would have a material adverse effect on our business and operations.***

We are involved in a number of legal proceedings concerning matters arising from our business and operations, primarily related to the development and the sale of our products, including patent infringements, investigations by government authorities such as antitrust investigations and proceedings and other legal matters. In addition, we may have compliance issues with regulatory bodies in the course of our operations, which may subject us to administrative proceedings and unfavorable decrees that result in liabilities and cause delays to our production. Our products may also be subject to anti-dumping or countervailing duty proceedings as a result of protectionist measures adopted by governments in any of our export markets. We may be involved in other proceedings or disputes in the future that may have a material adverse effect on our business, financial condition, results of operations or cash flows.

See “Item 8. Financial Information—8.A.7. Litigation” for a discussion of certain legal proceedings in which we are involved.

We may be subject to other new claims, charges or investigations. Defending against any of these pending or future actions will likely be costly and time-consuming and could significantly divert management’s efforts and resources. The ultimate outcome of the pending investigations cannot be predicted with certainty. Any penalties, fines, damages or settlements made in connection with these criminal, civil and/or administrative investigations and/or lawsuits may have a material adverse effect on our business, results of operations and future prospects.

***Our results of operations fluctuate from quarter to quarter, which makes it difficult to predict our future performance.***

Our results of operations have varied significantly in the past and may fluctuate significantly from quarter to quarter in the future due to a number of factors, many of which are beyond our control. Our business and operations may be adversely affected by the following factors, among others:

- rapid changes from month to month, including shipment volume and product mix change;
- the cyclical nature of the industry, including fluctuations in selling prices, and imbalances between excess supply and slowdowns in demand;
- the speed at which we and our competitors expand production capacity;
- access to raw materials and components, equipment, electricity, water and other required utilities on a timely and economical basis;
- technological changes;
- the loss of a key customer or the postponement, rescheduling or cancellation of large orders from customers;
- the outcome of ongoing and future litigation and government investigations;
- changes in end-users' spending patterns;
- changes to our management team;
- access to funding on satisfactory terms;
- our customers' adjustments in their inventory;
- changes in general political, economic, financial and legal conditions; and
- natural disasters, such as typhoons and earthquakes, and industrial accidents, such as fires and power failures, as well as geopolitical instability as a result of terrorism or political or military conflicts.

Due to the factors noted above and other risks discussed in this section, many of which are beyond our control, you should not rely on quarter-to-quarter comparisons to predict our future performance.

Unfavorable changes in any of the above factors may seriously harm our business, financial condition and results of operations. In addition, our results of operations may be below the expectations of public market analysts and investors in some future periods, which may result in a decline in the price of the ADSs or shares.

***Our results of operations may be affected adversely if we cannot timely introduce new products or if our new products do not gain market acceptance.***

Early product development by itself does not guarantee the success of a new product. Success also depends on other factors such as product acceptance by the market. New products are developed in anticipation of future demand. Our delay in the development of commercially successful products with anticipated technological advancement may adversely affect our business. We cannot assure you that the launch of any new product will be successful, or that we will be able to produce sufficient quantities of these products to meet market demand.

We plan to continue to expand our operations to meet the needs of applications in televisions, monitors, mobile PCs and devices and commercial and other applications as demand increases. Because these products are expected to be marketed to a diversified group of end-users with demands for different specifications, functions and prices, we have developed different marketing strategies to promote our panels for these products. We cannot assure you that our strategies to expand our market share for these panels will be successful. If we fail to successfully market panels for these products, our results of operations will be adversely affected.

***Our net revenue and results of operations depend on continuing demand for televisions, monitors, mobile PCs and devices and commercial and other applications with display panels. Our sales may not grow at the rate we expect if there is a downturn in the demand for, or a further decrease in the selling prices of, panels for these products.***

Currently, our total sales are derived principally from customers using our products in televisions, monitors, mobile PCs and devices, and commercial and other applications with display devices. For example, a substantial percentage of our sales are derived from our panels and other related products for televisions, which accounted for approximately 44.7%, 36.8% and 32.5% of our net revenue in 2017, 2018 and 2019, respectively. We will continue to be dependent on the growth of the televisions, monitors, mobile PCs and devices, and commercial and other applications for a substantial portion of our net revenue, and any downturn in these industries would result in reduced demand for our products, reduced net revenue, lower selling prices and/or reduced margins, and our business prospects and results of operations may be materially and adversely affected.

***If we are unable to achieve high-capacity utilization rates, our results of operations will be affected adversely.***

High-capacity utilization rates allow us to allocate fixed costs over a greater number of products produced. Increases or decreases in capacity utilization rates can impact significantly our gross margins. Accordingly, our ability to maintain or improve our gross margins will continue to depend, in part, on achieving high-capacity utilization rates. In turn, our ability to achieve high-capacity utilization rates will depend on the ramp-up progress of our advanced production facilities and our ability to efficiently and effectively allocate production capacity among our product lines, as well as the demand for our products and our ability to offer products that meet our customers' requirements at competitive prices.

From time to time, our results of operations in the past have been adversely affected by low capacity utilization rates. We cannot assure you that we will be able to achieve high-capacity utilization rates in 2020 or beyond. If we are unable to efficiently ramp-up our production facilities for advanced technology or demand for our products does not meet our expectations, our capacity utilization rates will decrease, our gross margins will suffer and our results of operations will be materially and adversely affected.

***We may experience losses on inventories.***

Frequent new product introductions in the technology industry can result in a decline in the selling prices of our products and the obsolescence of our existing inventory. This can result in a decrease in the stated value of our inventory, which we value at the lower of cost or net realizable value.

We manage our inventory based on our customers' and our own forecasts. Although we regularly make adjustments based on market conditions, we typically deliver our goods to our customers several weeks after a firm order is placed. While we maintain open channels of communication with our major customers to avoid unexpected decreases in firm orders or subsequent changes to placed orders, and try to minimize our inventory levels, such actions by our customers may have a material adverse effect on our inventory management and our results of operations.

***We depend on a small number of customers for a substantial portion of our net revenue, and a loss of any one of these customers, a significant decrease in orders from any of these customers or difficulty in collecting of accounts receivable would result in the loss of a significant portion of our net revenue and/or material adverse effect on our results of operation.***

We depend on a small number of customers for a substantial portion of our business. In 2017, 2018 and 2019, our five largest customers accounted for approximately 39.0%, 36.6% and 38.7%, respectively, of our net revenue. In addition, our major customer, Samsung Group, individually accounted for more than 10% of our net revenue in the last three years, which were 12.8%, 11.5% and 12.3% of our net revenue in 2017, 2018 and 2019, respectively.



In recent years, our major customers have varied due to changes in our product mix. We expect that we will continue to depend on a relatively small number of customers for a significant portion of our net revenue and may continue to experience fluctuations in the distribution of our sales among our largest customers as we periodically adjust our product mix. Our ability to maintain close and satisfactory relationships with our customers is important to the ongoing success and profitability of our business. Our ability to attract potential customers is also critical to the success of our business. If any of our significant customers reduces, delays or cancels its orders for any reason, or the financial condition of our key customers deteriorates, our business could be seriously harmed. Similarly, a failure to manufacture sufficient quantities of products to meet the demands of these customers may cause us to lose customers, which may affect adversely the profitability of our business as a result. Furthermore, if we experience difficulties in the collection of our accounts receivables from our major customers, our results of operation may be materially and adversely affected.

***Our customers generally do not place purchase orders far in advance, which makes it difficult for us to predict our future revenues and allocate capacity efficiently and in a timely manner.***

Our customers generally provide rolling forecasts several months in advance of, and do not place firm purchase orders until several weeks before, the expected shipment date. There is no assurance that there will not be unexpected decreases in firm orders or subsequent changes to placed orders from our customers. In addition, due to the cyclical nature of the display panel industry, our customers' purchase orders have varied significantly from period to period. As a result, we do not typically operate with any significant backlog. The lack of significant backlog makes it difficult for us to forecast our revenues in future periods. Moreover, we incur expenses and adjust inventory levels of raw materials and components based on customers' forecast, and we may be unable to allocate production capacity in a timely manner to compensate for shortfalls in sales. We expect that, in the future, our sales in any quarter will continue to be dependent substantially upon purchase orders received in that quarter. The inability to adjust production costs, to obtain necessary raw materials and components or to allocate production capacity quickly to respond to the demand for our products may affect our ability to maximize results of operations, which may result in a negative impact on the value of your investment in the ADSs or our shares.

***Our future competitiveness and growth prospects could be affected adversely if we are unable to successfully expand or improve our fabs to meet market demand.***

As part of our business growth strategy, we have been undertaking and may undertake in the future a number of significant capital expenditures for our fabs.

The successful expansion of our fabs and commencement of commercial production is dependent upon a number of factors, including timely delivery of equipment and machinery and the hiring and training of new skilled personnel. Although we believe that we have the internal capabilities and know-how to expand our fabs and commence commercial production, no assurances can be given that we will be successful. We cannot assure you that we will be able to obtain from third parties, if necessary, the technology, intellectual property or know-how that may be required for the expansion or improvement of our fabs on acceptable terms. In addition, delays in the delivery of equipment and machinery as a result of increased demand for such equipment and machinery or the delivery of equipment and machinery that do not meet our specifications could delay the establishment, expansion or improvement of these fabs. Moreover, the expansion of our fabs may also be disrupted by governmental planning activities. If we face unforeseen disruptions in the installation, expansion and/or manufacturing processes with respect to our fabs, we may not be able to realize the potential gains and may face disruptions in capturing the growth opportunities.

***If capital resources required for our planned growth or development are not available, we may be unable to successfully implement our business strategy.***

Historically, we have been able to finance our capital expenditures through cash flow from our operating activities and financing activities, including long-term borrowings, the issuance of convertible and other debt securities and the issuance of equity securities. Our ability to expand our production facilities and establish advanced technology fabs will continue to largely depend on our ability to obtain sufficient cash flow from operations as well as external funding. We expect to make capital expenditures in connection with the development of our business, including investments in connection with new capacity, technological upgrade and the enhancement of capacity value. These capital expenditures will be made well in advance of any additional sales to be generated from these expenditures. Our results of operations may be affected adversely if we do not have the capital resources to complete our planned growth, or if our actual expenditures exceed planned expenditures for any number of reasons, including changes in:

- our growth plan and strategy;
- manufacturing process and product technologies;
- market conditions;
- prices of equipment;
- costs of construction and installation;
- market conditions for financing activities of display panel manufacturers;
- interest rates and foreign exchange rates; and
- social, economic, financial, political and other conditions in Taiwan and elsewhere.

If adequate funds are not available on satisfactory terms at appropriate times, we may have to curtail our planned growth, which could result in a loss of customers, adversely affect our ability to implement successfully our business strategy and limit the growth of our business.

***We operate in a highly competitive environment and we may not be able to sustain our current market position if we fail to compete successfully.***

The markets for our products are highly competitive. We experience pressure on our prices and profit margins, due largely to additional and growing industry capacity from competitors in Taiwan, Korea, Japan and the PRC. The ability to manufacture on a large scale with greater cost efficiencies is a competitive advantage in our industry. Some of our competitors have expanded through mergers and acquisitions. Some of our competitors have greater access to capital and substantially greater production, research and development, intellectual property, marketing and other resources than we do. Some of our competitors have announced their plans to develop, and have already invested substantial resources in new capacity. Our competitors may be able to grasp the market opportunities before us by introducing new products using such capacity. In addition, some of our larger competitors have more extensive intellectual property portfolios than ours, which they may use to their advantage when negotiating cross-licensing agreements for technologies. As a result, these companies may be able to compete more aggressively over a longer period of time than we can.

The principal elements of competition in the display industry include:

- price;
- product performance features and quality;
- customer service, including product design support;
- ability to reduce production cost;
- ability to provide sufficient quantity of products to fulfill customers' needs;
- research and development, including the ability to develop new technologies;
- time-to-market; and
- access to capital and financing ability.

Our ability to compete successfully in the display industry also depends on factors beyond our control, including industry and general political and economic conditions as well as currency fluctuations.

***If we are unable to manage our growth effectively, our business could be affected adversely.***

We have experienced, and expect to continue to experience, growth in the scope and complexity of our operations. For example, we may make capital expenditures in connection with new capacity and technological upgrade. This growth may strain our existing managerial, financial and other resources. In order to manage our growth, we must continue to implement additional operating and financial controls and may hire and train suitable personnel for these functions. We cannot assure you that we will be able to do so in the future, and our failure to do so could jeopardize our planned growth and seriously harm our operations.

***We may encounter difficulties expanding into new businesses or industries, which may affect adversely our results of operations and financial condition.***

We may encounter difficulties and face risks in connection with our expansion into new businesses or industries. We cannot assure you that our expansion into new businesses will be successful, as we may have limited experience in such industries. We cannot assure you that we will be able to generate sufficient profits to justify the costs of expanding into new businesses or industries. Any new business in which we invest or which we intend to develop may require our additional capital investment, research and development efforts, as well as our management's attention. If such new business does not progress as planned, our results of operations and financial condition may be affected adversely.

***We may undertake mergers, acquisitions or investments to diversify or expand our business, which may pose risks to our business and dilute the ownership of our existing shareholders, and we may not realize the anticipated benefits of these mergers, acquisition or investments.***

As part of our growth and product diversification strategy, we may continue to evaluate opportunities to acquire or invest in other businesses or existing businesses, intellectual property or technologies and expand the breadth of markets we can address or enhance our technical capabilities. For example, we acquired a total of 42,310,407 common shares from ADLINK Technology Inc. on March 12, 2020 in connection to the tender offer. Mergers, investments or acquisitions, such as the ADLINK share acquisition, that we have entered into and may enter into in the future entail a number of risks that could materially and adversely affect our business, operating and financial results, including, among others:

- problems integrating the acquired operations, technologies or products into our existing business and products;
- diversion of management’s time and attention from our core business;
- conflicts with joint venture partners;
- adverse effect on our existing business relationships with customers;
- need for financial resources above our planned investment levels;
- failures in realizing anticipated synergies;
- difficulties in retaining business relationships with suppliers and customers of the acquired company;
- risks associated with entering markets in which we lack experience;
- potential loss of key employees of the acquired company; and
- potential write-offs of acquired assets.

Our failure to address these risks successfully may have a material adverse effect on our financial condition and results of operations. Any such acquisition or investment will likely require a significant amount of capital investment, which would decrease the amount of cash available for working capital or capital expenditures. In addition, if we use our equity securities to pay for acquisitions, the value of your ADSs and the underlying ordinary shares may be diluted. If we borrow funds to finance acquisitions, such debt instruments may contain restrictive covenants that can, among other things, restrict us from distributing dividends. Please refer to “Item 4. Information on the Company—4.A. History and Development of the Company” for further details about the ADLINK share acquisition.

***Our annual consolidated financial statements for Taiwan reporting purposes and the basis for our earnings distribution may differ from those included in the annual report on Form 20-F.***

We have adopted Taiwan IFRS for reporting in Taiwan our annual consolidated financial statements beginning in 2013 and our interim quarterly earnings releases beginning in the first quarter of 2013. While we have adopted Taiwan IFRS for Taiwan reporting purposes and earnings distribution purposes, we have also adopted and will continue to adopt IFRS, which differs from Taiwan IFRS, for certain filings with the SEC, including this annual report and future reports on Form 20-F.

Taiwan IFRS differs from IFRS in certain significant respects, including, but not limited to, the extent that any new or amended standards or interpretations applicable under IFRS may not be timely endorsed by the FSC. Consequently, our annual consolidated financial statements for Taiwan reporting purposes and the basis for our earnings distribution may differ from those included in the annual report on Form 20-F.

***Any disagreement between applicable tax authorities and us with respect to our tax estimates, adverse changes in tax law, and any noncompliance with changes in tax laws or their application could adversely affect our results of operations.***

We are subject to income taxes in Taiwan and many foreign jurisdictions and might be under tax audit by local tax authorities within certain assessment periods. Although we believe our tax estimates are reasonable, the final determination of tax audits could be materially different from our recorded income tax accruals. For example, our taxable income in any jurisdiction depends on the acceptance of our operational practices and intercompany transfer pricing by local tax authorities as being on an arm’s-length basis. In addition, each country’s tax authority has its own regulations on transfer pricing and its own interpretations of those regulations, such as China State Administration of Taxation Public Notice [2017] No. 6, which regulates the special tax investigation and adjustment. Due to inconsistencies in the application of the arm’s-length standard among taxing authorities, as well as a lack of adequate treaty-based protection, challenges to transfer pricing by tax authorities could, if successful, substantially increase our income tax liability and interest expense.

As a multinational enterprise, we are subject to distinct tax regulations in multiple jurisdictions; these different regulations may change adversely over time, which can materially impact our business. For example, although we file a country-by-country reporting return that requires us to disclose the global allocation of our business income, taxes paid, and select indicators of economic activity in the tax jurisdictions where we have business operations, we cannot assure you that the relevant tax authority in every tax jurisdiction in which we operate will consider our transfer pricing policy acceptable. Any increase in tax liability, tax penalty or tax-related interest could adversely affect our financial position and results of operation. In addition, many countries where we have commercial operations may amend their tax laws in accordance with the Base Erosion and Profit Shifting project as set out by the Organization for Economic Co-operation and Development. Rapid shifts in tax regulation can increase our risk of regulatory non-compliance in the relevant jurisdiction.

***Any impairment charge may have a material adverse effect on our operating results.***

Under IFRS, we are required to evaluate our investments and long-term non-financial assets, such as property, plant and equipment, right-of-use assets and long-term purchase agreements, for impairment whenever triggering events or changes in circumstances indicate that the asset may be impaired and carrying value may not be recoverable. If certain criteria are met, we are required to recognize an impairment charge.

The determination of an impairment charge at any given time is based significantly on our expected results of operations over a number of years subsequent to that time. As a result, an impairment charge is more likely to occur during a period when our operating results are otherwise already depressed. The valuation of long-term non-financial assets is subjective and requires us to make significant estimates about our future performance and cash flows, as well as other assumptions. These estimates can be affected by numerous factors, including changes in economic, industry or market conditions, changes in business operations, changes in competition or potential changes in our stock price and market capitalization. Changes in these estimates and assumptions, or changes in actual performance compared with estimates of our future performance, may affect the fair value of long-term non-financial assets, which may result in an impairment charge. See “Item 5. Operating and Financial Review and Prospects—Critical Accounting Policies and Estimates” for a discussion of how we assess if an impairment charge is required and, if so, how the amount is determined.

In addition, under IFRS, we are required to determine the realizability of our deferred tax assets. Our deferred tax assets are reviewed on the annual reporting date, by considering global economic environment, industry environment, statutory tax deduction years and projected future taxable income. The deferred tax assets are then reduced by the amount that any related tax benefits will be no longer probable to be realized.

Any impairment charge on our investments and long-term non-financial assets, or the inability to recognize or the subsequent derecognition of previously recognized deferred tax assets may have a material adverse effect on our operating results.

***Our divestiture strategies and divestment activities may affect our financial performance and the market price of our shares and ADSs.***

From time to time, we evaluate possible divestments and may, if a suitable opportunity or condition arises, make divestments or decisions to dispose of certain businesses or assets. We may reduce our holdings of equity securities or dispose of certain of our businesses or assets in order to reduce financial or operational risks. As part of our ongoing strategic plan, we have selectively divested, and may in the future continue to pursue divestitures of certain of our businesses or assets as part of our portfolio optimization strategy. We make divestments based on, among other considerations, management's evaluation of or changes in business strategies and performance and valuation of divested businesses or assets. For example, AU Optronics (Slovakia) s.r.o., one of our subsidiaries, sold its land and building in December 2018 for a total selling price of EUR\$87.7 million and recorded a profit from the disposal of approximately EUR\$30.4 million. These divestment activities may result in either gains or losses and we cannot assure you that we can always make divestment with a gain. We may be subject to continuing financial obligations for a period of time following the divestments, and any claims such as warranty or indemnification claims, if determined against us, would negatively affect our financial performance. Moreover, divestures may require us to separate integrated assets and personnel from our retained businesses and devote our resources to transitioning assets and services to purchasers, resulting in disruptions to our ongoing business and distraction of management. Any losses due to our divestments of businesses or disposal of assets could adversely affect our financial performance and may affect the market price of our shares and ADSs.

***The loss of any key management personnel or the undue distraction of any such personnel may disrupt our business.***

Our success depends on the continued services of key senior management, including our Chairman and President. If any legal proceedings are brought against our senior management in the future, these proceedings may divert such senior management's attention from our business operations. Our reputation may also be harmed as a result of any negative publicity associated with these charges or otherwise.

Although our talent development committee, a high-level committee that comprises the Chairman, President and other senior executives, convenes quarterly to review our mid-and long-term strategic positioning for talent acquisition, organizational risk indicators and development of our senior managers, there can be no assurance that we will not lose the services of key senior management personnel. If we are not able to find suitable replacements or integrate replacement personnel in a timely manner or at all, our business operations will suffer material harm. In addition, our continuing growth will, to a large extent, depend on the attention of key management personnel to our day-to-day affairs. If any of our key management personnel is unable to devote enough time to our company, our operations may be affected adversely. We do not carry key person life insurance for any of our senior management personnel.

***If we are not able to attract and retain skilled technical personnel, including research and development and other personnel, our operations and planned growth would be affected adversely.***

Our success depends on our ability to attract and retain skilled employees, particularly engineering and technical personnel in the research and development and manufacturing processing areas. We also have established a professional on-the-job training program for employees. Without a sufficient number of skilled employees, our operations and production quality could suffer. Competition for qualified technical personnel and operators in Taiwan and many other places where we operate is intense and the replacement of skilled employees is difficult. We may encounter this problem in the future, as we require an increased number of skilled employees for any expansion we may choose to undertake if market demand arises. If we are unable to attract and retain our technical personnel and other employees, this may adversely affect our business and our operating efficiency may deteriorate.

***Potential conflicts of interest with our affiliates may cause us to lose opportunities to expand and improve our operations.***

We face potential conflicts of interest with our affiliates, such as Qisda Corporation (“Qisda”) and its subsidiaries, including BenQ Corporation. Qisda is our largest shareholder, owning directly 6.99% of our outstanding shares as of December 31, 2019 and is also one of our large customers. Qisda and its subsidiaries accounted for approximately 3.5%, 3.9% and 3.8% of our net revenue in 2017, 2018 and 2019, respectively. Qisda and its subsidiaries’ substantial interest in our company may lead to conflicts of interest affecting our sales decisions or allocations. One of our directors, Mr. Peter Chen, is the Chairman and President of Qisda. Furthermore, Mr. Kuen-Yao (K.Y.) Lee, our director and former Chairman, is also a director of Qisda and Chairman of BenQ Corporation. See “Item 6. Directors, Senior Management and Employees—6.A. Directors and Senior Management.” As a result, conflicts of interest between their duties to Qisda and/or its subsidiaries and us may arise. We cannot assure you that when conflicts of interest arise with respect to Qisda and/or its subsidiaries, the conflicts of interest will be resolved in our favor. These conflicts may result in lost corporate opportunities, including opportunities that are never brought to our attention, or actions that may prevent us from taking advantage of opportunities to expand and improve our operations.

***If we fail to maintain an effective system of internal controls, we may not be able to report accurately our financial results or prevent fraud.***

The SEC, as required by Section 404 of the Sarbanes-Oxley Act of 2002, adopted rules requiring every public company to include a management report on such company’s internal controls over financial reporting in its annual report, which contains management’s assessment of the effectiveness of the company’s internal controls over financial reporting. In addition, an independent registered public accounting firm must report on the effectiveness of the company’s internal controls over financial reporting unless the company is exempt from such requirement. Our management may conclude that our internal controls over our financial reporting are not effective. Moreover, even if our management concludes that our internal controls over financial reporting are effective, our independent registered public accounting firm may conclude that our internal controls over financial reporting are not effective. Furthermore, during the course of the evaluation, documentation and attestation, we may identify deficiencies that we may not be able to remedy in a timely manner. If we fail to achieve and maintain the adequacy of our internal controls, we may not be able to conclude that we have effective internal controls, on an ongoing basis, over financial reporting in accordance with the Sarbanes-Oxley Act of 2002. Moreover, effective internal controls are necessary for us to produce reliable financial reports and are important to help prevent fraud. As a result, our failure to achieve and maintain effective internal controls over financial reporting could result in the loss of investor confidence in the reliability of our financial statements, which in turn could harm our business and negatively impact the trading price of our ADSs.

***Our planned international expansion poses additional risks and could fail, which could cost us valuable resources and adversely affect our results of operations.***

To meet our clients’ requirements, we have expanded our operations internationally, which has led to operations across many countries. For example, we have established a 6-generation LTPS fab in Kunshan, PRC in November 2016, to produce LTPS panels for high-end applications to provide services to our customers in China and other regions. If a suitable opportunity or condition arises, we may continue to expand into new geographic areas. We intend to run our operations in compliance with local regulations, such as tax, civil, environmental and other laws in conjunction with our business activities in each country where we may have a presence or operations. However, there are inherent legal, financial and operational risks involved in having international operations. We may encounter different challenges due to differences in local market conditions, culture, government policies, regulations and taxation. In addition, we may also face established competitors with stronger local experience, more familiarity with the local regulations and practices and better relationships with local suppliers, contractors and purchasers. We cannot assure you that we will be able to develop successfully and expand our international operations or we will be able to overcome the significant obstacles and risks of international operations. If our international expansion plans are unsuccessful or do not deliver an appropriate return on our investments, our results of operations, financial condition and future prospects could be materially and adversely affected.

***Regulations related to conflict minerals could adversely affect our business, financial condition and results of operations.***

The Dodd-Frank Wall Street Reform and Consumer Protection Act contains provisions to improve transparency and accountability concerning the supply of certain minerals, known as conflict minerals, which are defined as cassiterite, columbite-tantalite, gold, wolframite or their derivatives and other minerals determined by the U.S. government to be financing conflict in the Democratic Republic of Congo and adjoining countries. As a result, in August 2012, the SEC adopted annual disclosure and reporting requirements for those companies who use conflict minerals in their products. These requirements require companies that manufacture or contract to manufacture products for which conflict minerals are necessary to the functionality or production to begin scrutinizing the origin of conflict minerals in their products starting from January 1, 2013, and file Form SD, containing the conflict minerals disclosure for the prior calendar year, beginning May 31, 2014. We may be subject to the new disclosure requirements related to the conflict minerals. There will be costs associated with complying with these disclosure requirements, including costs for diligence to determine the sources of conflict minerals used in our products and other potential changes to products, processes or sources of supply as a consequence of such verification activities. The implementation of these rules could adversely affect the sourcing, supply and pricing of materials used in our products. As there may be only a limited number of suppliers offering “conflict-free” minerals, we cannot be sure that we will be able to obtain necessary “conflict-free” minerals from such suppliers in sufficient quantities or at competitive prices. Also, we may face adverse effects to our reputation if we determine that certain of our products contain minerals to be not conflict-free or if we are unable to sufficiently verify the origins for all conflict minerals used in our products through the procedures we may implement.

***A cybersecurity breach could interfere with our business operations, compromise confidential information, adversely impact our business reputation and operating results and potentially lead to litigation and other liabilities.***

Cybersecurity threats continue to expand and evolve globally. While we actively take measures to manage information technology security risks, there can be no assurance that these measures will be sufficient to mitigate all potential risks to our system, networks and data. Cybersecurity is an integral part of our risk management program. Our cybersecurity response system involves a risk evaluation mechanism that categorizes and escalates different levels of cybersecurity risks towards different countermeasures. In general, our cybersecurity protocols react against lower-level cybersecurity risks within 24 hours and react against higher-level cybersecurity risks within eight hours.

A failure or breach in our cybersecurity response system could expose us and our customers, vendors and suppliers to risks of unauthorized access to information technology systems, misuse and compromise of confidential information, manipulation and destruction of data. These occurrences may result in the disruption of our business operations and adversely affect our business reputation, market leadership, financial condition and results of operations. Cybersecurity breaches could also involve us in litigation with third parties, regulatory scrutiny and increase our costs from having to implement additional data protection measures.

### **Risks Related to Our ADSs and Our Trading Market**

***We have voluntarily delisted our ADSs from NYSE and may terminate the registration of our securities with the SEC in the future, and this may adversely affect our share price.***

On September 9, 2019, our board of directors resolved to delist our ADSs from NYSE. The voluntary delisting was sought in view of the costs of maintaining the listing of the ADSs in the United States. On September 20, 2019, we filed with the SEC a Form 25 to effect the delisting from the NYSE. As soon as we are eligible, we intend to file a Form 15 with the SEC to terminate the registration of the ADSs and the underlying ordinary shares under the Exchange Act. We will remain subject to all SEC requirements, including reporting obligations, until such time as our ADSs and the underlying ordinary shares are deregistered. Since the delisting came into effect on October 1, 2019, our ADSs have been traded in the U.S. over-the-counter market, and Citibank, N.A. has continued to act as our ADSs depository pursuant to the existing deposit agreement.



The delisting of the ADSs from the NYSE and the possible deregistration under the Exchange Act may have a negative impact on the price of our ADSs and shares of common stock. Following the delisting from NYSE, the ADSs have traded on the U.S. over-the-counter market. Compared with the NYSE, the U.S. over-the-counter market has a smaller trading volume, less liquidity and an information disclosure regime that is less robust. These characteristics may make it more difficult for holders of our ADSs to sell their securities. In addition, broker-dealers have certain regulatory burdens imposed upon them that may discourage them from effecting transactions in our ADSs, further limiting the liquidity of our ADSs. The delisting may result in holders of our ADSs surrendering their ADSs in exchange for the underlying shares and selling them on the Taiwan Stock Exchange. As a result, the market price of our ADSs may be depressed, and the investors may find it more difficult to sell our ADSs.

***The market value of our ADSs may fluctuate due to the volatility of the securities markets.***

The securities markets in the United States and other countries have experienced significant price and volume fluctuations. Volatility in the price of our ADSs may be caused by factors beyond our control and may be unrelated to, or disproportionate to changes in, our results of operations. In the past, following periods of volatility in the market price of a public company's securities, securities class action litigation has been instituted against that company. Litigation of this kind could result in substantial costs and a diversion of our management's attention and resources.

***Restrictions on the ability to deposit shares into our ADS facility may adversely affect the liquidity and price of our ADSs.***

The ability to deposit shares into our ADS facility is restricted by ROC law. A significant number of withdrawals of shares underlying our ADSs would reduce the liquidity of our ADSs by reducing the number of ADSs outstanding. As a result, the prevailing market price of our ADSs may differ from the prevailing market price of our shares on the Taiwan Stock Exchange. Under current ROC law, no person or entity, including you and us, may deposit its shares in our ADS facility without specific approval of the Financial Supervisory Commission of the Republic of China (the "FSC"), unless:

- (1) we pay stock dividends on our shares;
- (2) we make a free distribution of shares;
- (3) ADS holders exercise preemptive rights in the event of capital increases for cash; or
- (4) investors purchase our shares, directly or through the depositary, on the Taiwan Stock Exchange, and deliver our shares to the custodian for deposit into our ADS facility, or our existing shareholders deliver our shares to the custodian for deposit into our ADS facility.

With respect to (4) above, the depositary may issue ADSs against the deposit of those shares only if the total number of ADSs outstanding following the deposit will not exceed the number of ADSs previously approved by the FSC, plus any ADSs issued pursuant to the events described in the subparagraph (1), (2) and (3) above. Issuance of additional ADSs under item (4) above will be permitted to the extent that previously issued ADSs have been canceled. In addition, in the case of a deposit of our shares requested under item (4) above, the depositary will refuse to accept deposit of our shares if such deposit is not permitted under any legal, regulatory or other restrictions notified by us to the depositary from time to time, which restrictions may specify blackout periods (during which deposits may not be made), minimum and maximum amounts and frequencies of deposits.

Notwithstanding the above, per the directive issued by the FSC to us in connection with the FSC's review of the delisting of ADSs from the NYSE (Reference No. Zheng-Qi-Fa-Zi-1080335017), the total number of the ADSs permitted for trading in the over-the-counter market shall be capped at the outstanding number of the ADSs as of December 2, 2019, New York Time, which is 51,036,874 ADSs, and from December 3, 2019, New York Time, no additional reissuance after redemption of the ADSs will be permitted.

***ADS holders will not have the same rights as our shareholders, which may affect the value of the ADSs.***

ADS holders' rights as to the shares represented by such holders' ADSs are governed by the deposit agreement. ADS holders will not be able to exercise voting rights on an individual basis. If holders representing at least 51% of our ADSs outstanding at the relevant record date instruct the depositary to vote in the same manner regarding a resolution, including the election of directors, the depositary will cause all shares represented by the ADSs to be voted in that manner. If, at the relevant record date, the depositary does not receive instructions representing at least 51% of ADSs outstanding to vote in the same manner for any resolution, including the election of directors, ADS holders will be deemed to have instructed the depositary or its nominee to authorize all the shares represented by the ADS holders' ADSs to be voted at the discretion of our Chairman or his designee, which may not be in the ADS holders' interest. Moreover, while shareholders who own 1% or more of our total issued shares are entitled to submit one proposal to be considered at our annual general meetings and submit a roster of candidates to be considered for nomination to our board of directors at our shareholders' meeting for the election of directors, only holders representing at least 51% or more of our ADSs outstanding at the relevant record date are entitled to submit one proposal to be considered at our annual general meetings or one nomination to our board of directors, in accordance with the deposit agreement. Hence, only one proposal or one nomination can be submitted on behalf of all ADS holders.

***ADS holders' rights to participate in our rights offerings are limited, which could cause dilution to the holdings of ADS holders.***

We may from time to time distribute rights to our shareholders, including rights to acquire our securities. Under the deposit agreement, the depositary will not offer ADS holders those rights unless both the distribution of the rights and the underlying securities to all our ADS holders are either registered under the Securities Act or exempt from registration under the Securities Act. Although we may be eligible to take advantage of certain exemptions under the Securities Act available to certain foreign issuers for rights offerings, we can give no assurances that we will be able to establish an exemption from registration under the Securities Act, and we are under no obligation to file a registration statement for any of these rights. Accordingly, ADS holders may be unable to participate in our rights offerings and may experience dilution with respect to their holdings.

***Non-ROC holders of ADSs who withdraw our shares will be required to obtain a foreign investor investment identification and appoint a local custodian and agent and a tax guarantor in the ROC.***

Under current ROC law, if you are a non-ROC person (other than a PRC person) and wish to withdraw and hold our shares from a depositary receipt facility, you will be required to obtain a foreign investor investment identification, or a Foreign Investor Investment I.D., issued in accordance with the ROC Regulations Governing Investment in Securities by Overseas Chinese and Foreign Nationals (the "Investment Regulations"). You also will be required to appoint an eligible agent in the ROC to open a securities trading account and a Taiwan Depository & Clearing Corporation book-entry account and a bank account, to pay ROC taxes, remit funds, exercise shareholders' rights and perform such other functions as you may designate upon such withdrawal. In addition, you will be required to appoint a custodian bank to hold the securities in safekeeping, make confirmation and settle trades and report all relevant information. Without obtaining such Foreign Investor Investment I.D. under the Investment Regulations and opening such accounts, the non-ROC withdrawing holder would be unable to hold or subsequently sell our shares withdrawn from the depositary receipt facility on the Taiwan Stock Exchange or otherwise. There can be no assurance that such withdrawing holder would be able to obtain the Foreign Investor Investment I.D. and open such accounts in a timely manner.

With the exception of a foreign institutional investor with a fixed place of business or business agent within the ROC, non-ROC holders of ADSs (other than a PRC person) withdrawing our shares represented by ADSs also are required under current ROC law and regulations to appoint an agent in the ROC for filing tax returns and making tax payments. Such agent must meet certain qualifications set by the ROC Ministry of Finance and, upon appointment, becomes a guarantor of such withdrawing holder's ROC tax obligations ("Tax Guarantor"). Generally, the evidence of the appointment of such agent and the approval of such appointment by the ROC tax authorities may be required as conditions to such withdrawing holder's repatriation of the profits. There can be no assurance that such withdrawing holder would be able to appoint and obtain approval for such agent in a timely manner.

Also, if any non-ROC person (other than a PRC person) receives 10% or more of our total issued shares upon a single withdrawal, such non-ROC person must obtain prior approval from the Investment Commission of the Ministry of Economic Affairs (the “MOEAIC”). There can be no assurance that such withdrawing holder would be able to obtain such approval in a timely manner.

Pursuant to the Regulations Governing Securities Investment and Futures Trading in Taiwan by Mainland Area Investors (the “Mainland Investors Regulations”), only qualified domestic institutional investors (“QDIIs”) approved by the China Securities Regulatory Commission and registered with the Taiwan Stock Exchange or Taiwan Futures Exchange are permitted to withdraw and hold our shares from a depository receipt facility. In order to hold our shares, such QDIIs are required to appoint an agent, custodian and Tax Guarantor as required by the Mainland Investors Regulations. If the aggregate amount of our shares held by any QDII or shares received by any QDII upon a single withdrawal reaches 10% or more of our total issued shares, such QDII must obtain the prior approval from the MOEAIC. We cannot assure you that such approval would be granted.

In addition, PRC investors’ investments in our shares are subject to various restrictions; specifically, there are restrictions on the amount remitted to the ROC for investments by QDIIs, either individually or jointly. Accordingly, the qualification criteria for a PRC person to make an investment and the investment threshold imposed by the ROC government might cause an ADS holder who is a PRC person to be unable to withdraw and hold our shares.

***The protection of the interests of our public shareholders available under our Articles of Incorporation and the laws governing ROC corporations is different from that which applies to a U.S. corporation.***

Our corporate affairs are governed by our Articles of Incorporation and by the laws governing ROC corporations. The rights and responsibilities of our shareholders and members of our board of directors under ROC law are different from those that apply to a U.S. corporation. Directors of ROC corporations are required to conduct business faithfully and act with the care of good administrators. However, the duty of care required of a ROC corporation’s directors may not be the same as the fiduciary duty of a director of a U.S. corporation. In addition, controlling shareholders of U.S. corporations owe fiduciary duties to minority shareholders, while controlling shareholders in ROC corporations do not. The ROC Company Act also requires that a shareholder continuously hold at least 1% of our issued shares for at least six months in order to request that our independent director institute an action against a director on the company’s behalf. Therefore, our public shareholders may have more difficulty protecting their interests against actions of our management, members of our board of directors or controlling shareholders than they would as shareholders of a U.S. corporation.

***As a foreign private issuer, we are permitted to follow certain home-country corporate governance practices instead of applicable SEC and NYSE requirements, which may result in less protection than is accorded to investors under rules applicable to domestic issuers.***

As a foreign private issuer, we are permitted to follow certain home-country corporate governance practices instead of those otherwise required under the NYSE rules for domestic issuers, including, but not limited to:

- the evaluation standards for director’s independence;
- the requirements for non-management directors to meet regularly without management;
- the requirement to have nominating committee;
- the requirement to have a remuneration committee/corporate governance committee set up pursuant to the NYSE rules;
- the requirement for shareholders’ approval on all equity-based compensation and material revisions thereto; and
- the requirement to adopt NYSE corporate governance guidelines.

For a detailed discussion of the differences between our corporate governance practices and the NYSE listing standards, see “Item 16—16.G. Corporate Governance” for more information.

Following our home-country governance practices as opposed to the requirements that would otherwise apply to a U.S. company listed on the NYSE may provide less protection than is accorded to investors under the NYSE rules applicable to domestic issuers. In addition, as a foreign private issuer, we are exempt from certain rules and regulations under the Exchange Act, related to the furnishing and content of proxy statements, and our officers, directors and principal shareholders are exempt from the reporting and short-swing profit recovery provisions contained in Section 16 of the Exchange Act. In addition, we are not required under the Exchange Act, to file annual, quarterly and current reports and financial statements with the SEC as frequently or as promptly as domestic companies whose securities are registered under the Exchange Act.

***You may not be able to enforce a judgment of a foreign court in the ROC.***

We are a company limited by shares and incorporated under the ROC Company Act. Most of our directors and executives, and some of the experts named herein, are residents of the ROC. As a result, it may be difficult for holders of our shares or ADSs to enforce against us judgments obtained outside the ROC, including those predicated upon the civil liability provisions of the federal securities laws of the United States. It is also not entirely certain that an action for civil liability predicated solely on the United States federal securities laws could be brought directly in the ROC courts.

### **Risks Relating to Manufacturing**

***Our manufacturing processes are highly complex, costly and potentially vulnerable to disruptions that can significantly increase our production costs and delay product shipments to our customers.***

Our manufacturing processes are highly complex, require advanced and costly equipment and are modified periodically to improve manufacturing yields and production efficiency. We face the risk of production difficulties from time to time that could cause delivery delays and reduced production yields. These production difficulties include capacity constraints, construction delays, difficulties in upgrading or expanding existing facilities, difficulties in changing our manufacturing technology and delays in the delivery or relocation of specialized equipment. We may encounter these difficulties in connection with the adoption of new manufacturing process technologies. We cannot assure you that we will be able to develop and expand our fabs without equipment delays or difficulties, or that we will not encounter manufacturing difficulties in the future.

***Concentration of our operations in one geographic area may increase our risk of production loss.***

Our assets and operations are currently concentrated in one geographic area: the Greater China region (including the ROC and the PRC). For information on our principal facilities see “Item 4. Information on the Company—4.D. Property, Plants and Equipment”. Because our operations are not as diversified geographically, the success of our operations and our profitability may be disproportionately exposed to the effect of regional events, including: fluctuations in prices of raw materials, accidents or natural disasters, viruses, restrictive governmental regulations, curtailment of production, interruption in the availability of gathering, processing, or transportation infrastructure and services, and any resulting delays or interruptions of production from existing or planned production sites. Our concentration in Greater China, in particular, can also expose us to politically related risks, such as changes in region-wide government policies, which could adversely affect development activities or production. Although we have business interruption insurance for our production facilities, our business and results of operations may be significantly challenged if production at, transportation from or access to our production facilities in Greater China were interrupted by the above mentioned risks.

***If we are unable to obtain raw materials and components in suitable quantity and quality from our suppliers, our production schedules would be delayed and we may lose substantial customers.***

Raw materials and component costs represent a substantial portion of our cost of goods sold. We must obtain sufficient quantities of raw materials and components of the right quality at acceptable prices and in a timely manner. We source most of our raw materials and components, including critical materials like Backlight (“B/L”), driver ICs, glass substrates, Printed Circuit Board Assembly (“PCBA”) and polarizer from a limited group of suppliers, both foreign and domestic. Our operations would be affected adversely if we could not obtain raw materials and components in sufficient quantity and quality at acceptable prices. We may also experience difficulties in sourcing adequate supplies for our operations if there is a ramp-up of production capacity by display panel manufacturers, including our company, without a corresponding increase in the supply of raw materials and components. Further, our suppliers may also face shortage in supply of their key raw materials. The impact of any shortage in raw materials and components will be magnified as we establish new fabs and/or continue to increase our production capacity.

We depend on supplies of certain principal raw materials and components mainly from suppliers with production in certain jurisdictions, such as Taiwan, Japan and Korea. We cannot assure you that we will be able to obtain sufficient quantities of raw materials, components and other supplies of an acceptable quality in the future. Our inability to obtain raw materials and components of the right quality in a timely and cost-effective manner or our suppliers’ failure in obtaining their raw materials may cause us to delay our production and delivery schedules, which may result in the loss of our customers and revenues.

***If we are unable to obtain equipment and services from our suppliers, we may be forced to delay our planned growth.***

We have purchased, and expect to purchase, a substantial portion of our equipment from foreign suppliers for our new capacity and advanced technology fabs. These foreign suppliers also provide assembly, testing and/or maintenance services for our purchased equipment. From time to time, increased demand for new equipment may cause lead time to extend beyond those normally required by equipment vendors. For example, in the past, increased demand for equipment caused some equipment suppliers to satisfy only partially our equipment orders in the normal time frame. The unavailability of equipment, delays in the delivery of equipment or the delivery of equipment that does not meet our specifications could delay implementation of our planned growth and impair our ability to meet customer orders. Furthermore, if our equipment vendors are unable to provide assembly, testing and/or maintenance services in a timely manner for any reasons, our planned growth may be adversely affected. In addition, the availability or the timely supply of equipment and services from our suppliers and vendors also could be affected by factors such as natural disasters. We may have to use assembly, testing and/or maintenance service providers with which we have no established relationship, which could expose us to potentially unfavorable pricing, unsatisfactory quality or insufficient capacity allocation. As a result of these risks, we may be unable to implement our planned growth on schedule or in line with customer expectations, and our business may be materially and adversely affected.

***If we are unable to manufacture successfully our products within the acceptable range of quality, our results of operations could be affected adversely.***

Display panel manufacturing processes are complex and involve a number of precise steps. Defective production can result from a number of factors, including, but not limited to:

- the level of contaminants in the manufacturing environment;
- human error;
- equipment malfunction;
- use of substandard raw materials and components; and
- inadequate sample testing.

From time to time, we have experienced, and may in the future experience, lower than anticipated production yields as a result of the above factors, particularly in connection with the expansion of our capacity or change in our manufacturing processes. We remediate our customers mainly through repairing or replacing the defective products or refunding the purchase price relating to defective products if they are within the warranty period. We recognize a provision for warranty obligations based on the estimated costs that we expect to incur under our basic limited warranty for our products, which includes the provision of replacement parts and after-sale service for our products. The warranty provision is largely based on historical and anticipated rates of warranty claims, and therefore we cannot provide assurance that the provision would be sufficient to cover any surge in future warranty expenses that significantly exceed historical and anticipated rates of warranty claims. In addition, our production yield on new products will be lower than average as we develop the necessary expertise and experience to produce those products. If we fail to maintain high production yields and high-quality production standards, our reputation may suffer and our customers may cancel their orders or return our panels for rework, which could affect adversely our results of operations.

***We face risks related to the recent coronavirus (COVID-19) outbreaks.***

In December 2019, a novel strain of coronavirus (COVID-19) was reported to have surfaced in Wuhan, PRC. On March 11, 2020, the World Health Organization declared COVID-19 a global pandemic. To date, the COVID-19 outbreak has caused significant disruption to the financial markets and international supply chains, which can substantially depress global business activities, restrict access to capital and result in a long-term economic downturn that would negatively affect our operating results. Any interruption to our supply chain can cause shortages in materials and labor supplies that are key to our commercial operations and negatively impact our business results. While there have been intensifying efforts to contain the spread of the COVID-19 by the governments of the countries and territories affected, the extent to which the COVID-19 impacts our results is highly uncertain and depends on future developments, including new information that emerge concerning the severity of the coronavirus and the actions to contain the coronavirus or treat its impact, among others.

***Climate change, other environmental concerns and green initiatives also present other commercial challenges, economic risks and physical risks that could harm our results of operations or affect the manner in which we conduct our business.***

There is increasing concern that climate change is occurring and may adversely affect commercial activity. Public expectations for reductions in greenhouse gas emissions could result in increased energy, transportation and raw material costs. Scientific examination of, political attention to, and regulations on, issues surrounding the existence and extent of climate change may raise our cost of production through the increase in the price of energy and additional levy of energy or carbon tax. Various regulations that focus on restricting or managing emissions of carbon dioxide, methane and other greenhouse gases have recently been adopted by many countries. These regulatory and legislative developments could negatively affect our commercial operations. For example, emission-reporting obligations in newly enacted environmental regulations in the ROC could increase our compliance costs and insurance premiums, which may adversely affect our results of operation and financial condition.

Furthermore, energy costs in general could increase significantly due to climate change regulations and raise the cost for purchasing emission credits, new equipment or raw materials. Our energy costs may subsequently increase if utility or power companies and suppliers pass on their costs, fully or partially, to us through these indirect channels such as carbon taxation, emission cap and carbon credit trading programs.

***If we violate environmental regulations, we may be subject to fines or restrictions that could cause our operations to be delayed or interrupted and our business to suffer.***

Our operations can expose us to the risk of environmental claims that could result in damages awarded or fines imposed against us. We must comply with regulations relating to storage, handling, generation, treatment, emission, release, discharge and disposal of certain materials and wastes resulting from our manufacturing processes. See “Item 4. Information on the Company—4.B. Business Overview—Environmental Matters.” In the past, we incurred small fines for failure to meet certain effluent standards and air pollution control regulations. Future changes to existing environmental regulations or unknown contamination of our sites, including contamination by prior owners and operators of our sites, may give rise to additional compliance costs or potential exposure to liability for environmental claims that may seriously affect our business, financial condition and results of operations. In addition, we may face possible disruptions in our manufacturing and production facilities caused by environmental activists, which may affect adversely our business operations.

***If we violate labor regulations, we may be subject to fines or restrictions that could have an adverse effect on our business, financial condition and results of operations.***

We must comply with the various labor regulations in the jurisdictions in which we operate. The cost of compliance with such regulations may increase as regulations change or new regulations are adopted. For instance, China has been experiencing rapid changes in its labor policies and it is uncertain how any such changes in China as well as other jurisdictions will impact our current employment policies and practices. Our employment policies and practices may violate current or future laws and we may be subject to related penalties, fines or legal fees. In addition, compliance with any new labor regulations may increase our operating expenses as we may incur substantial administrative and staffing cost.

#### **Risks Relating to Our Technologies and Intellectual Property**

***If we cannot successfully introduce, develop or acquire advanced technologies, our profitability may suffer.***

Technology and industry standards in the display panel industry evolve quickly, resulting in steep price declines in the advanced stages of a product’s life cycle. To remain competitive, we must develop or acquire advanced manufacturing process technologies and build advanced technology fabs to lower production costs and enable the timely release of new products. In addition, we expect to utilize more advanced display technologies, such as curved display, OLED, quantum dot wide color gamut, high dynamic range (“HDR”), bezel-less, touch, 8K4K (7680 x 4320 pixel), mini LED, micro LED and other sensor technologies like fingerprinting, to develop new products. Our ability to manufacture products by utilizing more advanced manufacturing process technologies to increase production efficiency will be critical to our sustained competitiveness. We may undertake in the future a number of significant capital expenditures for advanced technology fabs and new capacity subject to market demand and our overall business strategy. See “Item 5. Operating and Financial Review and Prospects—5.B. Liquidity and Capital Resources.” However, we cannot assure you that we will be successful in completing our planned growth or in the development of other future technologies for our fabs, or that we will be able to complete them without material delays or at the expected costs. If we fail to do so, our results of operations and financial condition may be materially and adversely affected. We also cannot assure you that there will be no material delays in connection with our efforts to develop new technology and manufacture more technologically advanced products. If we fail to develop or make advancements in product technologies or manufacturing process technologies on a timely basis, we may become less competitive.

***Other flat panel display technologies or alternative display technologies could render our products uncompetitive.***

We currently manufacture products primarily using TFT-LCD technology, which is currently one of the most commonly used flat panel display technologies. We may face competition from flat panel display manufacturers utilizing alternative flat panel technologies, such as OLED. OLED technology is currently at various stages of development and production by us and other display panel makers. OLED technologies may, in the future, gain wider market acceptance than TFT-LCD technology for application in certain consumer products, such as televisions, mobile phones, tablets and wearable devices. Failure to further refine our OLED technology or any other alternative display technology could render our products uncompetitive or obsolete, which in turn could cause our sales and revenues to decline. Moreover, if the various alternative flat panel technologies currently commercially available or in the research and development stage are developed to have better performance-to-price ratios and begin mass production, such technologies may pose a great challenge to TFT-LCD technology. Even though we seek to remain competitive through research and development of flat panel technologies, we may invest in research and development in certain technologies that do not come to fruition.

***If we lose the support of our technology partners or the legal rights to use our licensed manufacturing process or product technologies, our business may suffer.***

Enhancing our manufacturing process and product technologies is critical to our ability to provide high-quality products to our customers at competitive prices. We intend to continue to advance our manufacturing process and product technologies through internal research and development and licensing from other companies. We currently have certain licensing arrangements with certain companies for product and manufacturing process technologies related to the production of certain products, including certain display panels. See “Item 4. Information on the Company—4.B. Business Overview—Intellectual Property—License Agreements.” If we are unable to renew our technology licensing arrangements with some or all of these companies on mutually beneficial economic terms, we may lose the legal right to use certain of the processes and designs that we may have employed to manufacture our products. Similarly, if we cannot license or otherwise acquire or develop new manufacturing process and product technologies that are critical to the development of our business or products, we may lose important customers because we are unable to continue providing our customers with products based on advanced manufacturing process and product technologies.

We have entered into patent and intellectual property license or cross-license agreements, some of which require periodic royalty payments. In the future, we may need to obtain additional patent licenses or renew existing license agreements. We cannot assure you that these license agreements can be obtained or renewed on acceptable terms, if at all. If these license agreements are not obtained or renewed on acceptable terms or at all, our business and future results of operations may be affected materially and adversely.

***Disputes over intellectual property rights could be costly and deprive us of the technology to stay competitive.***

As technology is an integral part of our manufacturing process and product, we have, in the past, received communications alleging that our products or processes infringe product or manufacturing process technology rights held by others, and expect to continue to receive such communications. We are involved in intellectual property disputes with third parties. There is no means of knowing all of the patent applications that have been filed in the United States or elsewhere and whether, if the applications are granted, such patents would have a material adverse effect on our business. If any third party were to make valid intellectual property infringement claims against our customers or us, we may be required to:

- discontinue using disputed manufacturing process technologies;
- pay substantial monetary damages;
- seek to develop non-infringing technologies, which may not be feasible;
- stop shipment to certain areas; and/or
- seek to acquire licenses for certain technology, which may not be available on commercially reasonable terms, if at all.



If our products or manufacturing processes are found to infringe third-party rights, we may be subject to significant liabilities and/or be required to change our manufacturing processes or products. Disputes over intellectual property rights could restrict us from making, using, selling or exporting some of our products, which in turn could affect materially and adversely our business and financial condition. In addition, any litigation, whether to enforce our patents or other intellectual property rights or to defend ourselves against claims that we have infringed the intellectual property rights of others, could affect materially and adversely our results of operations because of the management attention required and legal costs incurred. For detailed information regarding legal disputes we are involved in, please refer to “Item 8.A.7. Litigation.”

***Our ability to compete will be harmed if we are unable to protect adequately our intellectual property.***

We believe that the protection of our intellectual property rights is, and will continue to be, important to the success of our business. We rely primarily on a combination of patent, trademark, trade secret and copyright law and contractual restrictions to protect our intellectual property. These afford only limited protection. Despite our efforts to protect our proprietary rights, unauthorized parties may attempt to obtain, copy or use information that we regard as proprietary, such as product design and manufacturing process expertise. Although we have patent applications pending, our pending patent applications and any future applications may not result in issued patents or may not be broad enough to protect our proprietary technologies. Moreover, policing any unauthorized use of our products is difficult and costly, and we cannot be certain that the measures we have implemented will prevent misappropriation or unauthorized use of our technologies, particularly in foreign jurisdictions where the laws may not protect our proprietary rights as fully as the laws of the United States. Others independently may develop substantially equivalent intellectual property or otherwise gain access to our trade secrets or intellectual property. Our failure to protect effectively our intellectual property could harm our business.

***Our rapid introduction of new technologies and products may increase the likelihood that third parties will assert claims that our products infringe upon their proprietary rights.***

Although we take and will continue to take steps to endeavor that our new products do not infringe upon valid third-party rights, the rapid technological changes that characterize our industry require that we quickly implement new processes and components with respect to our products. Often with respect to recently developed processes and components, a degree of uncertainty exists as to who may rightfully claim ownership rights in such processes and components. Uncertainty of this type increases the risk that claims alleging that such components or processes infringe upon third-party rights may be brought against us. If our products or manufacturing processes are found to infringe upon third-party rights, we may be subject to significant liabilities and be required to change our manufacturing processes or be prohibited from manufacturing certain products, which could have a material adverse effect on our operations and financial condition.

***We rely upon trade secrets and other unpatented proprietary know-how to maintain our competitive position in the industry and any loss of our rights to, or unauthorized disclosure of, our trade secrets or other unpatented proprietary know-how could affect adversely our business.***

We rely upon trade secrets, unpatented proprietary know-how and information, as well as continuing technological innovation in our business. The information we rely upon includes price forecasts, core technology and key customer information. Our current standard employment agreement with our employees contains a confidentiality provision which generally provides that all inventions, ideas, discoveries, improvements and copyrightable material made or conceived by the individual arising out of the employment relationship and all confidential information developed or made known to the individual during the term of the relationship is our exclusive property. We cannot assure the enforceability of these types of agreements, or that they will not be breached. We also cannot be certain that we will have adequate remedies for any breach. The disclosure of our trade secrets or other know-how as a result of such a breach could adversely affect our business. Also, our competitors may come to know about or determine our trade secrets and other proprietary information through a variety of methods. Disputes may arise concerning the ownership of intellectual property or the applicability or enforceability of the relevant agreements and there can be no assurance that any such disputes would be resolved in our favor. Furthermore, others may acquire or independently develop similar technology, or if patents are not issued with respect to products arising from research, we may not be able to maintain information pertinent to such research as proprietary technology or trade secrets, and that could have an adverse effect on our competitive position within the industry.

## **Political, Geographical and Economic Risks**

***A slowdown in the global economy could affect materially and adversely our business, results of operations and financial condition.***

A slowdown in the global economy could adversely affect the market demand and result in a negative impact on electronic products sales from which we generate our income. A global economic downturn could also lead to a slowdown in our business, with side effects including significant decreases in orders from our customers, insolvency of key suppliers resulting in raw material constraints and product delays, inability of customers to obtain credit to finance purchases of our products and/or customer insolvencies and counterparty failures negatively impacting our operations. Because of such factors, we believe the level of demand for our products and projections of future revenue and operating results will be difficult to predict. If any economic downturn occurs in the future, our business, results of operations and financial condition may be affected materially and adversely.

***We and many of our customers and suppliers are vulnerable to natural disasters and other events outside of our control, which may seriously disrupt our operations.***

Most of our existing manufacturing operations, and the operations of many of our customers and suppliers, are located in areas including Taiwan, the PRC, Japan, Singapore and Korea. Some locations are vulnerable to natural disasters, such as earthquakes and typhoons. We cannot assure you that natural disasters will not happen and will not have adverse impact on our operations in the future. Any disruption of operations at our fabs or the facilities of our customers and suppliers for any reason, including earthquakes, typhoons or other natural disasters, work stoppages, power outages, water supply shortages and fire, etc., could cause delays in or disrupt production and shipments of our products and raw materials. Any delays or disruptions could result in our customers seeking to source our products from other manufacturers. In addition, shortages or suspension of power supplies have occurred occasionally, and have disrupted our operations. The occurrence of a power outage or voltage sags in the future could seriously hurt our business. Besides, our manufacturing processes require a substantial amount of water. Although currently a significant portion of the water used in our production process is recycled in Taiwan, our production operations may be seriously disrupted by water shortages. We may encounter droughts in Taiwan and the PRC in the future, where most of our current or future manufacturing sites are located. If another drought were to occur and we or the authorities were unable to source water from alternative sources in sufficient quantity, we may be required to shut down temporarily or substantially reduce the operations of these fabs, which would affect seriously our operations. In addition, even if we were able to source water from alternative sources, our reliance on supplemental water supplies would increase our operating costs. Furthermore, the disruption of operations at our customers' facilities could lead to reduced demand for our products. The occurrence of any of these events in the future could affect adversely our business.

***We have made investments in, and are exploring the possibility of expanding our businesses and operations to, or making additional investments in, the PRC, which may expose us to additional social, political, regulatory and economic risks with respect to our investments and business operations in the PRC.***

We have established subsidiaries in the PRC. Depending on our business needs, we may further expand or adjust our business operations in the PRC in the future.

However, in recent years, China has experienced rapid social, political and economic changes which have led to extensive environmental regulations, rising wages and a growing shortage of blue-collar workers. Environmental regulations, rising wages as well as a shortage of labor in China may increase our overall cost of production, cause delays in production and could have a material adverse effect on our results of operations. In addition, the interpretation of PRC laws and regulations involves uncertainties.

Furthermore, since mid-2018, increased political tensions between the United States and the PRC have escalated into a trade war. Although on January 15, 2020, the United States and the PRC signed the Phase One trade deal, which officially agreed to the rollback of tariffs, expansion of trade purchases, and renewed commitments on intellectual property, technology transfer and currency practices, any future re-adoption or expansion of United States trade restrictions and tariffs, quotas and embargoes, or further escalation of the United States and PRC trade war could adversely impact our business operations.

In addition, we cannot predict whether changes in the PRC's political, economic and social conditions, laws, regulations and policies will have any adverse effect on our current or future investments and operations in the PRC. Therefore, we cannot assure you that changes in such laws and regulations, or in their interpretation and enforcement, will not have a material adverse effect on our investments, businesses and operations in the PRC.

***The current restrictions imposed by the ROC government on investments in certain related businesses may limit our ability to compete with other display panel manufacturers that are permitted to establish display panel production operations in the PRC.***

The ROC government imposes restrictions on investments made by Taiwan companies in the PRC, including, but not limited to, investments that relate to TFT-LCD manufacturing technology in the PRC. These restrictions limit our investment capacity in the PRC and may disadvantage us compared to other display panel manufacturers that are less restricted by their domestic regulators.

Recently, the ROC government has alleviated some of the relevant regulatory restrictions by offering exemptions, such as making certain investments in and conducting research for the next generation of display panel technology in Taiwan, to allow Taiwan-based TFT-LCD manufacturers to apply to the MOEAIC for investing up to three 6-generation or more advanced TFT-LCD manufacturing fabs in the PRC if these TFT-LCD manufacturers use the same or higher-generation manufacturing technology in Taiwan. In addition, the MOEAIC now also permits Taiwan-based TFT-LCD manufacturers to make equity investments or conduct mergers with PRC-based companies.

Many of our customers and competitors have expanded their businesses and operations to the PRC. To capture the growth trajectory of the PRC market and the lower production costs in the PRC, we started to invest in the PRC in 2002 with the establishment of a module-assembly facility. During the past few years, our investment and commercial presence in the PRC has significantly increased. As of December 31, 2019, we have 18 subsidiaries incorporated in the PRC. For further information of our PRC investments, see "Item 4. Information on the Company—4.C. Organizational Structure."

Since some investment restrictions imposed by the ROC government are currently still effective, we cannot assure you that any of our future applications to the MOEAIC to make further investments in the PRC will be successful or timely approved. And as we do not know when or whether any of the ROC laws that govern the remaining investment restrictions in the PRC will be amended or repealed, we cannot assure you that future amendments to relevant ROC laws will enhance or hinder our capacity to invest in our commercial operations in the PRC; if amendments to relevant ROC laws impose further limitations on investing in the PRC, our business prospects may be materially and adversely affected.

***If we fail to overcome the duty barrier, our revenue will be materially affected.***

There are some trade tensions in the international solar market, especially in the United States, where we are undertaking efforts to avoid or alleviate the impacts from the present and foreseeable anti-dumping duty ("AD"), and countervailing duty ("CVD") proceedings. However, we cannot guarantee that these efforts will be successful due to potential policy changes or other changes in the activities and practices of the various national trade authorities responsible for AD and CVD enforcement. Any material adverse change in trade policies and/or our failure to overcome any duty barrier could have a material adverse impact on our business and results of operation.

***We may not be able to obtain or renew all licenses, approvals or permits necessary for our current and future operations.***

Our current and future operations in Taiwan and other regions require a number of regulatory licenses, approvals and permits. We cannot assure you that we will be able to obtain licenses, approvals or permits necessary for our operations in these regions, or that upon the expiration of our existing licenses, approvals or permits, we will be able to successfully renew them.

In addition, if the relevant authorities enact new regulations, we cannot assure you that we will be able to meet successfully such requirements. If we fail to obtain or renew the necessary regulatory licenses, approvals or permits, we may have to cease construction or operation of the relevant projects, be subject to fines, or face other penalties, which could have a material adverse effect on our business, financial condition and results of operations. Even if we already obtained the licenses, approvals and permits, there could be parties or interest groups with different views who may take actions against the renewal of such licenses, approvals and permits, which may have an adverse effect on our business operations. For example, there have been environmental proceedings relating to the development project of the Central Taiwan Science Park in Houli, Taichung, where our second 8.5-generation fab is located. See “Item 8. Financial Information—Item 8.A.7. Litigation.”

***If economic conditions in Taiwan change drastically or there are disruptions in Taiwan’s political environment, our current business, future growth and market price of our shares could be affected materially and adversely.***

Most of our assets and operations are located in Taiwan and approximately 31.0% of our net revenue was derived from customers in Taiwan in 2019. Therefore, our business, financial condition and results of operations may be affected by changes in ROC government policies, taxation, inflation, interest rates and general economic conditions in Taiwan, as well as the global economies.

Our business and financial condition may also be affected by changes in local governmental policies and political and social instability. Taiwan has a unique international political status. The PRC government asserts sovereignty over mainland China and Taiwan and does not recognize the legitimacy of the government of the ROC. The PRC government has indicated that it may use military force to gain control over Taiwan if Taiwan declares independence or if Taiwan refuses to accept the PRC’s stated “One China” policy. In addition, on March 14, 2005, the National People’s Congress of the PRC passed what is widely referred to as the “anti-secession” law, a law authorizing the PRC military to respond to efforts by Taiwan to seek formal independence. An increase in tensions between the ROC and the PRC and the possibility of instability and uncertainty could adversely affect the prices of our ADSs and our shares. It is unclear what effects any of the events described above may have on relations with the PRC. Relations between Taiwan and the PRC and other factors affecting Taiwan’s political environment could affect our business.

***The market value of our ADSs may fluctuate due to the volatility of the ROC securities market.***

The trading price of our ADSs may be affected by the trading price of our shares on the Taiwan Stock Exchange. The Taiwan Stock Exchange is smaller and more volatile than the securities markets in the United States and a number of stock exchanges in Europe. The Taiwan Stock Exchange has experienced substantial fluctuations in the prices and volumes of trading of securities, and there are currently limits on the range of daily price fluctuations on the Taiwan Stock Exchange. During the period from January 1, 2019 to December 31, 2019, the Taiwan Stock Exchange Index peaked at 12,122.45 on December 18, 2019, and reached a low of 9,382.51 on January 4, 2019. Over the same period, daily closing values of our shares ranged from NT\$7.03 per share to NT\$12.75 per share. On March 12, 2020, the Taiwan Stock Exchange Index closed at 10,422.32, and the closing value of our shares was NT\$8.04 per share.

The Taiwan Stock Exchange is particularly volatile during times of political instability, including when relations between the ROC and the PRC are strained. Several investment funds affiliated with the ROC government have also from time to time purchased securities from the Taiwan Stock Exchange to support the trading level of the Taiwan Stock Exchange. Moreover, the Taiwan Stock Exchange has experienced problems, including market manipulation, insider trading and settlement defaults. The recurrence of these or similar problems could have an adverse effect on the market price and liquidity of our shares and ADSs.

***If the NT dollar or other currencies in which our sales, raw materials and components, capital expenditures and certain assets are denominated fluctuate significantly against the U.S. dollar, the Japanese yen or the Renminbi, our financial condition and results of operation may be affected seriously.***

We have significant foreign currency exposure and are affected by fluctuations in exchange rates among the U.S. dollar, the Japanese yen, the NT dollar, the Renminbi and other currencies. Our sales, raw materials and components, capital expenditures and certain assets are denominated mainly in U.S. dollars, Japanese yen, NT dollars and Renminbi in varying amounts. For example, in 2019, approximately 93.7% of our net revenue was denominated in U.S. dollars. During the same period, approximately 72.2%, 14.4% and 11.0% of our raw materials and component costs were denominated in U.S. dollars, Japanese yen and NT dollars, respectively. In addition, in 2019, approximately 44.5%, 26.9%, 14.0% and 13.6% of our total capital expenditures (principally for the purchase of equipment) were denominated in NT dollars, Japanese yen, U.S. dollars and Renminbi, respectively. Also, results of operation of our foreign subsidiaries are accounted for in foreign currencies before their consolidation into our financial result. During periods of weakening foreign currencies, the value of certain assets of our foreign subsidiaries could be substantially reduced in NT dollars. Although from time to time, we enter into forward foreign currency contracts to hedge our foreign currency exposure, we may not be able to hedge all of the exposure, including foreign exchange exposure relating to the value of our foreign currency-denominated assets. We cannot assure you that we will fully minimize the risk against exchange rate fluctuations and the impact on our financial condition and results of operations.

***Disruptions in the international trading environment and changing international trade regulation may seriously decrease our international sales.***

A majority of our net revenue is derived from sales to customers located outside of Taiwan. In 2017, 2018 and 2019, sales to our overseas customers accounted for approximately 68.2%, 67.7% and 69.0%, respectively, of our net revenue. In addition, a significant portion of our sales to customers in Taiwan and PRC is made to major brand customers or their procurement entities located in Taiwan and the PRC. We expect sales to customers outside of Taiwan to continue to represent a significant portion of our net revenue. As a result, our business will continue to be vulnerable to disruptions in the international trading environment, including those caused by adverse changes in foreign government regulations, political unrest, international economic downturns, terrorist attacks and military unrest. These disruptions in the international trading environment may affect the demand for our products and change the terms upon which we sell our products overseas, which could seriously decrease our international sales.

In addition, our ability to compete effectively could be materially and adversely affected by a number of factors relating to international trade regulation. Higher tariffs, duties or our failure to comply with trade regulations could restrict our ability to export products or compete effectively with our competitors, resulting in a decrease in our international sales. For example, the display panel industry in Taiwan may be negatively impacted by the trilateral Free Trade Agreement (the "FTA") among China, South Korea and Japan, under which tariff reduction may covers several areas of trade including display panels. The 16th round of FTA negotiations was held in Seoul in November 2019, with an aim of liberalization at a higher level than the Regional Comprehensive Economic Partnership (the "RCEP"). At this stage, the FTA is unlikely to have an immediate effect on our business operations as the FTA is still under negotiation.

Currently, the United States is undergoing political changes, which have created uncertainties for future United States trade policy developments. The U.S. administration has also shown inclinations to withdraw the United States from the World Trade Organization, which can lead to greater economic instability. Since mid-2018, political tensions have increased between the United States and the PRC and have escalated into a tariff war. Although on January 15, 2020, the United States and the PRC signed the Phase One trade deal, which officially agreed to the rollback of tariffs, expansion of trade purchases and renewed commitments on intellectual property, technology transfer and currency practices, any future readoption or expansion of United States trade restrictions and tariffs, quotas and embargoes, or further escalation of the United States and PRC trade war, could adversely impact our business operations.

*We face risks related to health epidemics and outbreaks of contagious disease.*

In the recent years, there have been reports of outbreaks of highly pathogenic diseases in Asia and other parts of the world. The outbreak of such contagious diseases in the human population could result in a widespread health crisis that could adversely affect the economies and financial markets of many countries. Since most of our operations and customers and suppliers have a presence in Asia (mainly in Taiwan and the PRC), an outbreak of contagious diseases in Asia or elsewhere, or the perception that such an outbreak could occur, and the measures taken by the governments of countries affected, including the ROC and the PRC, could adversely affect our business, financial condition or results of operations.

#### **ITEM 4. INFORMATION ON THE COMPANY**

##### **4.A. History and Development of the Company**

We were incorporated as Acer Display Technology, Inc. (“Acer Display”) under the laws of the ROC as a company limited by shares in 1996. The shares of Acer Display were listed on the Taiwan Stock Exchange on September 8, 2000.

On September 1, 2001, we completed a merger with Unipac Optoelectronics Corp. (“Unipac”) pursuant to a merger agreement dated April 9, 2001, as amended by a supplemental agreement dated May 15, 2001. We changed our name to AU Optronics Corp. on May 22, 2001. Prior to the merger, Acer Display was primarily involved in the design, development, production and marketing of large-size TFT-LCD panels, and Unipac was primarily involved in the design, production and marketing of both small-size and large-size TFT-LCD panels.

On October 1, 2006, we completed our merger with Quanta Display Inc. (“QDI”), a company incorporated in Taiwan that manufactured and assembled TFT-LCD panels. As of the effective date of the merger, we became the surviving entity and assumed substantially all of the assets, liabilities and personnel of QDI. The purpose of the merger was to increase our competitiveness and expand our market share.

On October 1, 2014, our subsidiary BriView Corp. completed a merger with Forhouse Corporation (“Forhouse”), one of our investees. Both companies were primarily engaged in the manufacturing and selling of TFT-LCD modules and backlight modules. The purpose of the merger was to integrate resources and increase competitiveness. After the merger, Forhouse, as the surviving company, was renamed to Darwin Precisions Corporation and became our subsidiary.

At the end of 2008, we entered the solar business and formed our Solar Photovoltaic Business Unit in October 2009. In connection with this expansion, we obtained a controlling interest in M.Setek, a major polysilicon, ingot and solar wafer manufacturer in Japan, through equity investments in 2009. Furthermore, in May 2010, we formed a joint venture named AUO SunPower Sdn. Bhd. (“AUSP”) with SunPower Technology, Ltd. (“SPTL”). Since 2011 we have also operated an ingot- and solar-wafer related business through our subsidiary AUO Crystal Corp. In September 2016, we sold all of our interest in AUSP to SPTL for a consideration of US\$170.1 million. Furthermore, we have built solar systems and invested in solar power plants in Taiwan since 2011.

On March 12, 2020, we acquired approximately 19.45% equity interest in ADLINK Technology. ADLINK Technology is one of the global leaders in industrial computers and provides edge computing products and solutions for numerous vertical fields of industrial and commercial applications. Through the ADLINK Tender Offer, our goal is to form a strategic partnership with ADLINK Technology to help our customers from different domains to gain access to more comprehensive Artificial Intelligence of Things software and hardware integration services.

Our principal executive offices are located at No. 1, Li-Hsin Road 2, Hsinchu Science Park, Hsinchu, Taiwan, ROC, and our telephone number is +886-3-500-8800. Our agent for service of process in the United States is Puglisi & Associates, 850 Library Avenue, Suite 204, Newark, Delaware 19711, and our agent’s telephone number is 302-738-6680.

From May 2002 to September 2019, our ADSs were listed on the NYSE under the symbol “AUO” and we voluntarily delisted our ADSs from the NYSE, effective on October 1, 2019. After delisting, we have maintained our ADR program in the United States and our ADSs are still traded on the U.S. over-the-counter market under the symbol “AUOTY”.

For a description of our capital expenditures in the past three fiscal years and source of funding, see “Item 5. Operating and Financial Review and Prospects—5.B.—Liquidity and Capital Resources—Capital Expenditures.”

## **4.B. Business Overview**

### **Introduction**

We are one of the world’s leading TFT-LCD panel providers. We operate in two business segments: display business and energy business.

*Display business.* We design, develop, manufacture, assemble and market flat panel displays and most of our products are TFT-LCD panels. We also provide smart solutions integrating software and hardware. TFT-LCD is currently the most widely used flat panel display technology. Our panels are primarily used in televisions, monitors, mobile PCs and devices, and commercial and other applications (such as displays for automobiles, industrial PCs, automated teller machines, point of sale terminals, pachinko machines, medical equipment, etc.). The display business was sub-divided into the Technology Group, the Business Group and the Manufacturing Group effective on November 1, 2018. The Technology Group is headed by Chief Technology Officer Dr. Wei-Lung Liao; the Business Group is headed by Vice President TY Lin; and the Manufacturing Group is headed by Vice President Ting-Li Lin. We expect this restructuring to optimize operational and human resource allocation and help us further advance our leadership position in R&D.

*Energy business.* We entered into the solar business at the end of 2008. We are capable of manufacturing products such as ingots, solar wafers and solar modules. We are also able to build solar systems, invest in solar power plant and provide various value-added services for solar systems projects.

For the year ended December 31, 2019, net revenue generated from our display business and energy business was NT\$256,667.2 million (US\$8,581.3 million) and NT\$12,124.5 million (US\$405.4 million), respectively, representing approximately 95.5% and 4.5% of our total net revenue, respectively. For more information on the financial performance of our two operating segments, see “Item 5. Operating and Financial Review and Prospects” and Note 30 and Note 46 to our consolidated financial statements.

### **Display Business**

We sell our panels primarily to companies that design and assemble products based on their customers’ specifications, commonly known as original equipment manufacturing service providers, and to brand customers. Our original equipment manufacturing service provider customers, most of whose production operations are located in Taiwan or the PRC, use our panels in the products that they manufacture on a contract basis for brand companies worldwide. Our operations in Taiwan and the PRC allow us to better coordinate our production and services with our customers’ requirements, especially in respect of delivery time and design support. We also sell our products to some brand companies on a direct shipment basis.

We currently manufacture TFT-LCD panels at fabrication facilities commonly known as “fabs”. With production facilities utilizing 3.5-, 4-, 4.5-, 5-, 6-, 7.5- and 8.5-generation technologies, we have the flexibility to produce a large number of panels of various sizes. As of February 29, 2020, all the fabs listed under “—4.D. Property, Plants and Equipment” have commenced commercial production. See “Item 4. Information on the Company—4.D. Property, Plants and Equipment” for information on our principal manufacturing and module assembly sites for the display business.

#### ***Principal Products***

We design, develop, manufacture, assemble and market a wide range of display products for the following principal product categories:

- televisions, which utilize display panels ranging mainly from 21.5 inches to 85 inches, including panels for televisions, TV sets and other related products;
- monitors, which utilize display panels ranging mainly from 17 inches to 35 inches, including products such as desktop monitors;

- mobile PCs and devices, which utilize display panels ranging mainly from 6.21 inches to 17.3 inches, including products such as notebooks, tablets and mobile phones; and
- commercial and other applications, which utilize display panels ranging mainly from 1.2 inches to 27 inches or above for use in products such as displays for automobiles, industrial PCs, automated teller machines, point of sale terminals, pachinko machines, medical equipment and others.

The following table sets forth the shipment of our display products by category for the periods indicated:

|  | Year Ended December 31, |           |           |
|--|-------------------------|-----------|-----------|
|  | 2017                    | 2018      | 2019      |
|  | (Panels in thousands)   |           |           |
| Products for Televisions                       | 31,374.5                | 31,022.7  | 29,090.9  |
| Products for Monitors                          | 26,060.8                | 27,985.2  | 25,210.5  |
| Products for Mobile PCs and Devices            | 166,290.2               | 157,489.9 | 120,365.4 |
| Products for Commercial and Other Applications | 56,930.0                | 64,889.1  | 64,591.2  |
| Total  | 280,655.5               | 281,386.9 | 239,258.0 |

The following table sets forth our net revenue by product category for the periods indicated:

|   | Year Ended December 31,               |       |           |       |           |         |       |
|---|---------------------------------------|-------|-----------|-------|-----------|---------|-------|
|   | 2017                                  |       | 2018      |       | 2019      |         |       |
|   | NT\$                                  | %     | NT\$      | %     | NT\$      | US\$    | %     |
|   | (in millions, except for percentages) |       |           |       |           |         |       |
| Products for Televisions                          | 152,442.2                             | 44.7  | 113,194.6 | 36.8  | 87,269.7  | 2,917.7 | 32.5  |
| Products for Monitors                             | 45,696.2                              | 13.4  | 47,024.4  | 15.3  | 39,522.3  | 1,321.4 | 14.7  |
| Products for Mobile PCs and Devices               | 71,068.3                              | 20.9  | 74,375.3  | 24.2  | 69,305.5  | 2,317.1 | 25.8  |
| Products for Commercial and Others <sup>(1)</sup> | 53,128.7                              | 15.5  | 56,190.5  | 18.2  | 60,569.7  | 2,025.1 | 22.5  |
| Solar Products                                    | 18,692.9                              | 5.5   | 16,849.6  | 5.5   | 12,124.5  | 405.4   | 4.5   |
| Total   | 341,028.3                             | 100.0 | 307,634.4 | 100.0 | 268,791.7 | 8,986.7 | 100.0 |

(1) Others include sales from products for other applications and sales of raw materials, components and from service charges.

#### *Products for Televisions*

Our current portfolio of products for televisions consists of 21.5-inch to 85-inch panels. In 2019, approximately 65.7% of the sales of products for televisions we produced were 50 inches and above. In 2017, 2018 and 2019, sales of products for televisions accounted for 44.7%, 36.8% and 32.5%, respectively, of our net revenue.

#### *Products for Monitors*

In recent years, demand for monitors has continued to migrate to larger sizes. In 2019, 21.5-, 24- and 27-inch panels were the major sizes produced by us for monitors. In 2017, 2018 and 2019, sales of products for monitors accounted for 13.4%, 15.3% and 14.7%, respectively, of our net revenue.

#### *Products for Mobile PCs and Devices*

In 2017, 2018 and 2019, sales of products for mobile PCs and devices accounted for 20.9%, 24.2% and 25.8%, respectively, of our net revenue. In 2019, 14.0-inch and 15.6-inch panels with an aspect ratio of 16:9 were the major sizes produced by us for notebooks, while 7-inch and 10.1-inch panels were the major sizes produced by us for tablets. The major sizes of mobile phones produced by us range from 4.97-inch to 7.12-inch.



### *Products for Commercial and Others*

Our products for commercial and others are used in products such as displays for automobiles, industrial PCs, automated teller machines, point of sale terminals, pachinko machines, medical equipment and others. In 2017, 2018 and 2019, sales of products for commercial and others accounted for 15.5%, 18.2% and 22.5%, respectively, of our net revenue.

### *Customers, Sales and Marketing*

We sell our panels mostly to brand companies and original equipment manufacturing service providers with operations in Taiwan, the PRC, Japan, Singapore and other areas. The following table sets forth the geographic breakdown of our net revenue by the location of our customers placing orders for the periods indicated:

|                       | Year Ended December 31,               |       |           |       |           |         |       |
|-----------------------|---------------------------------------|-------|-----------|-------|-----------|---------|-------|
|                       | 2017                                  |       | 2018      |       | 2019      |         |       |
|                       | NT\$                                  | %     | NT\$      | %     | NT\$      | US\$    | %     |
|                       | (in millions, except for percentages) |       |           |       |           |         |       |
| Taiwan                | 108,288.4                             | 31.8  | 99,357.9  | 32.3  | 83,229.6  | 2,782.7 | 31.0  |
| PRC                   | 125,341.6                             | 36.8  | 113,632.0 | 36.9  | 98,362.2  | 3,288.6 | 36.6  |
| Singapore             | 35,939.3                              | 10.5  | 39,370.9  | 12.8  | 38,534.3  | 1,288.3 | 14.3  |
| Japan                 | 32,739.3                              | 9.6   | 21,166.9  | 6.9   | 20,924.0  | 699.6   | 7.8   |
| Others <sup>(1)</sup> | 38,719.7                              | 11.3  | 34,106.7  | 11.1  | 27,741.6  | 927.5   | 10.3  |
| Total                 | 341,028.3                             | 100.0 | 307,634.4 | 100.0 | 268,791.7 | 8,986.7 | 100.0 |

(1) Include the United States, Europe and other regions.

Our sales in Taiwan and the PRC, as set forth in the table above, represent a significant portion of our net revenue for the past three years, due to the fact that our major brand customers or their procurement entities are located in Taiwan and the PRC.

We market our panels to, and negotiate prices with, both our original equipment manufacturing service provider customers and brand customers, as display panels often constitute a significant part of the end product. A significant portion of our net revenue is attributable to a small number of our customers. In 2017, 2018 and 2019, our five largest customers accounted for approximately 39.0%, 36.6% and 38.7%, respectively, of our net revenue. In addition, our major customer, Samsung Group, individually accounted for more than 10% of our net revenue in the last three years, which were 12.8%, 11.5% and 12.3% of our net revenue in 2017, 2018 and 2019, respectively.

We focus our sales activities on a number of large customers with whom we seek to build long-lasting relationships. Each of our product categories have an independent sales and marketing division; each sales and marketing division is subdivided into smaller customer teams dedicated to each of our major customers.

Our customers typically provide monthly nonbinding rolling forecasts of their requirements for the coming several months, and typically place purchase orders several weeks before the expected shipment date.

We generally provide a limited warranty to our customers, including the provision of replacement parts and after-sale service for our products. In connection with these warranty policies, based on our historical experience, we set aside an amount as a reserve to cover these warranty obligations. As of December 31, 2019, our reserve for warranties totaled NT\$1,292.2 million (US\$43.2 million). In addition, we are required under several of our sales contracts to provide replacement parts for our products, at agreed prices, for a specified period of time.

We price our products in accordance with prevailing market conditions, giving consideration to factors such as the complexity of the product, the order size, the strength and history of our relationship with the customer and our capacity utilization. Selling prices and payment terms for sales to related parties are not significantly different from those for other customers. Our credit policy for sales to related parties and other customers typically requires payment within 25 to 60 days. From time to time, we may extend longer credit terms to our large customers as compared to our smaller customers. The average number of collection days extended for sales to our customers for the years ended December 31, 2017, 2018 and 2019 was 48 days, 52 days and 54 days, respectively. We believe the terms for customers and products are comparable to the terms offered by our industry peers.

Our business is subject to seasonal fluctuations common in the display panel industry, which in turn is affected by the seasonality of consumer demand and other end-products produced by our customers. Our low seasons typically start in the fourth quarter and may go lower in the first quarter; while our high seasons generally start in the second quarter and may go higher in the third quarter. The seasonality of our sales also may be affected by various factors, including economic downturn, our inventory management and certain special events such as government subsidies and sports events.

### ***The TFT-LCD Manufacturing Process***

The basic structure of a TFT-LCD panel may be thought of as two glass substrates sandwiching a layer of liquid crystal. The front glass substrate is fitted with a color filter, while the back glass substrate has transistors fabricated on it. A light source called a backlight unit is located at the back of the panel.

The manufacturing process consists of hundreds of steps, but may be divided into three primary steps. The first step is the array process, which involves fabricating transistors on the back substrate using film deposition, lithography and etching. The array process is similar to the semiconductor manufacturing process, except that transistors are fabricated on a glass substrate instead of a silicon wafer. The second step is the cell process, which joins the back array substrate and the front color filter substrate. The space between the two substrates is filled with liquid crystal. The third step is the module-assembly process, which involves connecting additional components, such as driver ICs and backlight units, to the TFT-LCD panel.

The array and cell processes are capital-intensive and require highly automated production equipment. TFT-LCD manufacturers typically design their own fabs and purchase production equipment from various suppliers. Each TFT-LCD manufacturer combines various equipment according to its manufacturing process technologies to form a TFT-LCD fab. In addition to developing our own manufacturing process technologies, we also license such technologies from other companies, such as Fujitsu Display Technologies Corporation (which was merged into Fujitsu Limited) (“FDTC”). We have automated our array and cell processes, with the exception of some steps in the cell process, such as panel inspection. In contrast to the array and cell processes, the module-assembly process is labor intensive, as it involves manual labor to assemble the pieces. A substantial portion of our module-assembly process is conducted in the PRC.

### ***Raw Materials and Components and Suppliers***

Our manufacturing operations require adequate supplies of raw materials and components of the right quality on a timely basis. The prices of these raw materials and components are subject to volatility. We purchase our raw materials and components based on forecasts from our customers, as well as our own assessments of our customers’ needs. We generally prepare forecasts one to four months in advance, depending on the raw materials and components, and update this forecast weekly or monthly. We source most of our raw materials and components, including critical materials such as B/L, driver ICs, glass substrates, PCBA and polarizer, from a limited group of suppliers. In order to reduce our raw materials and component costs and our dependence on any one supplier, we generally purchase our raw materials and components from multiple sources. We typically do not enter into contracts with our suppliers. However, during periods of supply shortages, we may enter into supply contracts with suppliers to ensure a stable supply of necessary raw materials and components.

From time to time, we experienced shortages of certain raw materials in the past. Our operations would be adversely affected if we could not obtain raw materials and components in sufficient quantity and quality. We may also experience difficulties in sourcing adequate supplies for our operations if there is a ramp-up of production capacity by display panel manufacturers, including our company, without a corresponding increase in the supply of raw materials and components.

Raw materials and components constitute a substantial portion of our cost of goods sold. An increase in the cost of our raw materials may adversely affect our gross margins. Set forth below are our major suppliers of key raw materials and components in alphabetical order by category:

| B/L               | Driver ICs             | Glass Substrates      | PCBA                 | Polarizer          |
|-------------------|------------------------|-----------------------|----------------------|--------------------|
| Coretronic        | Novatek                | Asahi Glass           | Qisda <sup>(2)</sup> | BMC <sup>(3)</sup> |
| Epoch Chemtronics | Raydium <sup>(1)</sup> | Corning Taiwan        | Regent Manner        | Nitto Denko        |
| Radiant           |                        | Nippon Electric Glass | Universal Global     | Sumika Technology  |

- (1) Raydium is our investee. See “Item 7. Major Shareholders and Related Party Transactions—7.B. Related Party Transactions.”
- (2) Qisda is one of our major shareholders. See “Item 7. Major Shareholders and Related Party Transactions—7.B. Related Party Transactions.”
- (3) BMC is a subsidiary of one of our major shareholders, Qisda. See “Item 7. Major Shareholders and Related Party Transactions—7.B. Related Party Transactions.”

We use a large amount of water and electricity in our manufacturing process. We mostly obtain water from government-owned entities and are in compliance with relevant local laws and regulations of water recovery rate. We use electricity supplied by the external power grids. We maintain backup generators that provide electricity in case of power interruptions, which we have experienced from time to time. Except for power outages, power interruptions in general have not materially affected our production processes.

### ***Equipment and Suppliers***

We depend on a number of equipment manufacturers that make and sell the equipment that we use in our manufacturing processes. Our manufacturing processes depend on the quality and technological capacity of our equipment. We purchase equipment that is customized to our specific requirements for our manufacturing processes. The principal types of equipment we use to manufacture display panels include chemical vapor deposition equipment, sputters, steppers, developers and coaters.

In 2019, we reduced our equipment purchases as compared to 2018 primarily due to the substantial completion of the installation of our 8.5-generation fab in Taichung. Going forward, we expect to maintain investments in advanced technology and new capacity based on market conditions. See “Item 5. Operating and Financial Review and Prospects—5.B. Liquidity and Capital Resources.” We purchase equipment from a small number of qualified vendors to assure consistent quality and performance. We typically order equipment six to twelve months or longer in advance of our planned installation.

### ***Competition***

The display business is highly competitive. Most of our competitors operate fabs in Korea, Taiwan, the PRC and Japan. We believe our principal competitors include LG Display and Samsung Display in Korea; Innolux and Hannstar Display in Taiwan; BOE, China Star Optoelectronics Technology, CEC-Panda LCD Technology, Xianyang CaiHong Optoelectronics Technology, HKC, Tianma, EverDisplay Optronics, Century, Truly Semiconductors Ltd and Visionox in the PRC and Sharp, Panasonic LCD and Japan Display in Japan.

In addition, we believe the principal elements of competition for customers in the display market include:

- price, based in large part on the ability to ramp up lower-cost, advanced technology production facilities before competitors;
- product features and quality;
- customer service, including product design support;
- ability to keep production costs low by maintaining high yield and operating at full capacity;
- ability to provide sufficient quantity of products to meet customer demand;

- quality of the research and development team;
- time-to-market;
- superior logistics; and
- access to capital.

## **Energy Business**

Through our subsidiaries AUO Crystal Corp. and M.Setek, we mainly focus on research, production and sales of solar materials, such as ingots and solar wafers. Our principal manufacturing sites for ingots and solar wafers are located in Taiwan, Japan and Malaysia.

The rise in solar cell conversion efficiency has enabled high-efficiency mono crystalline solar wafers to replace gradually multi-crystalline solar wafers as the mainstream product. Reacting to this trend, we have shut down our multi-crystalline production at the end of 2018, which includes multi-crystalline brick production, multi-crystalline slicing operation and the cell production.

We also design, develop and manufacture solar modules, build solar systems, provide various value-added services for solar systems projects and invest in solar plants. A solar module is an assembly of solar cells that are electrically interconnected, laminated and framed in a durable and weatherproof package. Currently, our solar modules are mostly manufactured with mono-crystalline solar cells. A solar system consists of one or more solar modules that are physically mounted and electrically interconnected with system components such as inverters, mounting structures, wiring systems and other devices to produce and store electricity. See “Item 4. Information on the Company—4.D. Property, Plants and Equipment” for information on our principal manufacturing sites for the solar business.

We sell our ingot and solar wafer products primarily to solar cell manufacturers. We are also dedicated to reach out to new clients in emerging markets to enlarge our current customer base. We sell our solar modules to Taiwan, Japan, Europe and customers in other regions, including installers, solar system integrators, property developers and other value-added resellers.

In 2019, revenues generated from our energy business amounted to NT\$12,124.5 million (US\$405.4 million), representing 4.5% of our total net revenue for 2019.

## **Quality Management**

Our quality management system includes design quality assurance, manufacturing quality assurance, vendor quality assurance and service quality assurance. By structuring a quality management system, building up product design and development procedures for our different business applications as well as conducting market analysis, feasibility study, risk assessment, product verification and validation in our product development process, we endeavor to achieve a “first time right” approach. We are also dedicated to production quality control and process technology enhancement upon failure modes and effect analysis, process control plan, statistical process control and measurement system analysis.

For vendor quality assurance, we cooperate with our primary suppliers through our extensive experience and effective management. We encourage suppliers to demonstrate quality control and reliability, and also perform an annual customer satisfaction survey to ensure that their needs are well understood and addressed. Customer feedbacks are critical to our continual improvement plans. In addition, we use a quality audit program, nonconformity management and the hazardous chemical management to secure long-term agreements and develop strategic relationships.

Our quality management system has received accredited International Standard of ISO 9001 and QC080000 certifications, as well as qualifications from our customers. We also received the IATF 16949 for most of our factories that design and manufacture the flat panel displays. In addition, all of our facilities have been certified as meeting the International Organization for Standardization ISO 14001 environmental protection standards and OHSAS 18001 occupational health and safety standard, and certain of our facilities have completed ISO 50001 certification for energy management. The International Standard assessment process involves subjecting our manufacturing processes and quality management systems to periodic reviews and observations. We believe that certification also provides independent verification to our customers regarding the quality control employed in our manufacturing and assembly processes.

## **Insurance**

We mostly maintain insurance policies on our production facilities, buildings, machinery and inventories covering property damage and damage due to fire, earthquakes, floods and other natural and accidental perils. As of December 31, 2019, our insurance coverage included protection from covered losses, including property damage up to maximum coverage of NT\$30.1 billion (US\$1.0 billion) for all of our inventories and NT\$804.1 billion (US\$26.9 billion) for our equipment and facilities. In addition, as of December 31, 2019, we had insurance coverage for business interruptions in the aggregate amount of NT\$37.7 billion (US\$1.3 billion).

In general, we also maintain insurance policies, including director and officer liability insurance, employee group health insurance, travel and life insurance, employer liability insurance, general liability insurance, and policies that provide coverage for risks during the shipment of goods and equipment, as well as during equipment installation at our fabs.

## **Environmental Matters**

Our manufacturing processes involve the use of hazardous materials and generate a significant amount of pollution, including wastewater, solid/liquid waste and air pollution, which are strictly monitored by local environmental protection bureaus. We must comply with regulations relating to storage, handling, generation, treatment, emission, release, discharge and disposal of certain materials and wastes resulting from our manufacturing processes. To meet the ROC and the PRC environmental standards, we employ various types of pollution control equipment for the treatment of exhaust gases, liquid waste, solid waste and the treatment of wastewater and chemicals in our fabs. We control exhaust gas and wastewater on-site. The treatment of solid and liquid wastes is subcontracted to third parties off-site in accordance with pollution control requirements.

Our operations can expose us to the risk of environmental claims which could result in damages awarded or fines imposed against us. We have identified certain factors associated with climate change that would have an impact on our operation, including the uncertainty surrounding new regulation, cap and trade schemes, change in precipitation patterns, change in weather conditions and fuel/energy taxes and regulations. We have taken the necessary steps to ensure the proper operation of our facilities to meet the necessary standards and strengthened the monitoring mechanisms against further violations, as well as obtained the appropriate permits, and believe that we are in compliance with the existing environmental laws and regulations in all material aspects in the ROC and the PRC.

In 2015, we launched a water recycling system at our Lungtan site. Through various recycling phases, the processed water is condensed and reduced to zero liquid discharge through an advanced evaporation platform. We will continue to create values and opportunities for sustainable development.

## Intellectual Property

### *Overview*

As of February 29, 2020, we had filed more than 26,600 patent applications in various jurisdictions, including Taiwan, the United States, the PRC, Japan, United Kingdom, European Union, Korea and others. These patent applications include patents for TFT-LCD and OLED manufacturing processes and products, and more than 19,500 patents were issued as of February 29, 2020. Most of these patents have a term of 20 years. In addition, we have registered “AU Optronics” as a trademark in some countries and jurisdictions where we operate, including Taiwan, United States, European Union and Korea and registered our corporate logo, “AUO” as a trademark in the Taiwan, the PRC, United States, European Union, Japan, Korea, Malaysia and Singapore, Turkey, the Philippines, Saudi Arabia, New Zealand and Australia.

We require all of our employees to sign an employment agreement which prohibits the unauthorized disclosure of any of our trade secrets, confidential information and proprietary technologies subject to the terms and conditions of the employment agreement, and we also require our technical personnel to assign to us any inventions related to our business that they develop during the course of their employment.

We have licenses to use certain technology and processes from certain companies. Our royalty expenses relating to intellectual property licenses may increase in the future due to increases in unit sales as well as the potential need to enter into additional license agreements or to renew existing license agreements on different terms.

We intend to continue to file patent applications, where appropriate, to protect our proprietary technologies. We may find it necessary to enforce our patents or other intellectual property rights or defend ourselves against claimed infringement of the rights of others through litigation, which could result in substantial cost and diversion of our resources. We may suffer legal liabilities and financial and reputational damages if we are found to infringe product or process technology rights held by others. We are currently involved in litigation regarding alleged patent infringement. See “Item 8. Financial Information—8.A.7. Litigation.”

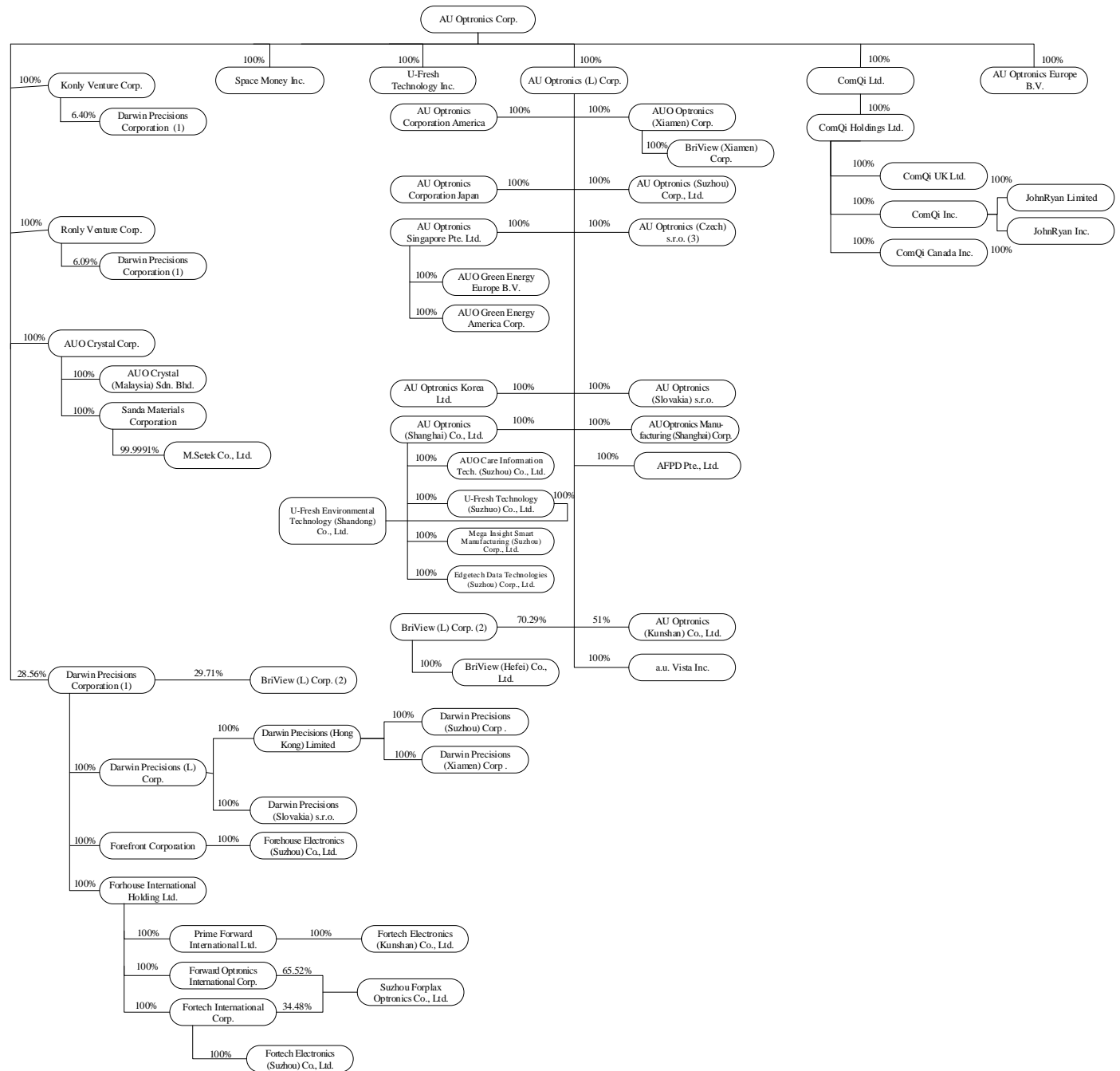
### *License Agreements*

We have entered into patent and intellectual property license and cross-license agreements, some of which require periodic royalty payments. For example: (i) we have license agreements with each of FDTC (subsequently assumed by Fujitsu Limited) and Toppan Printing Co., Ltd., which provides for the non-transferable and nonexclusive license under certain patents to manufacture certain LCD and OLED panels at our facilities, (ii) we entered into cross-license agreements with each of Sharp, LGD, Samsung and Hydis (E Ink’s Korean subsidiary), respectively. Under each of these agreements, each party granted to the other non-transferable and nonexclusive licenses in relation to certain patents involving LCD-related technologies, (iii) we have a cross-license agreement with Japan Display Inc. (formerly known as Japan Display East Inc./Hitachi Displays Ltd.) and Panasonic Liquid Crystal Display Co., Ltd. (formerly known as IPS Alpha Technology Ltd.), under which each party granted to the other non-transferable and nonexclusive licenses under certain patents to manufacture certain TFT-LCD and OLED panels and modules, (iv) we have a license agreement with Semiconductor Energy Laboratory Co., Ltd., which provides for the non-transferable and nonexclusive licenses under certain patents to manufacture certain LCD and certain OLED products, (v) we have a cross-license agreement with Seiko Epson, under which AUO granted to Seiko Epson non-transferable and nonexclusive licenses under certain patents involving certain technologies, and Seiko Epson granted to AUO a non-transferable and nonexclusive license under certain patents involving LCD, related technologies, and (vi) we have a license agreement with Sanyo Electric Co., Ltd., which provides for non-transferable and nonexclusive licenses under certain patents to manufacture certain LCD and OLED panels and modules.

In addition to the above, we have also entered into license or cross-license agreements with other third parties in the course of our business operations in connection with certain patents which such third parties own or control. In the future, we may need to obtain additional patent licenses or renew existing license agreements.

#### 4.C. Organizational Structure

The following chart sets forth our corporate structure and ownership interest in each of our principal operating subsidiaries as of December 31, 2019.



- (1) 28.56% held directly by AU Optronics Corp., 6.40% held indirectly through Konly Venture Corp. and 6.09% held indirectly through Ronly Venture Corp., respectively.
- (2) 70.29% held indirectly through AU Optronics (L) Corp. and 29.71% held indirectly through Darwin Precisions Corporation, respectively.
- (3) In the process of liquidation.

The following table sets forth summary information for our subsidiaries as of December 31, 2019.

| Subsidiary                                    | Main Activities   | Jurisdiction of Incorporation | Percentage of Ownership Interest |
|---|---|-------------------------------|----------------------------------|
| a. u. Vista Inc.                              | Research and development and IP-related business                                | United States                 | 100.00% <sup>(1)</sup>           |
| AFPD Pte., Ltd.                               | Manufacturing TFT-LCD panels based on low-temperature polysilicon technology    | Singapore                     | 100.00% <sup>(1)</sup>           |
| AU Optronics (Czech) s.r.o.                   | Assembly of solar modules   | Czech Republic                | 100.00% <sup>(1)</sup>           |
| AU Optronics (Kunshan) Co., Ltd.              | Manufacturing and sales of TFT-LCD panels                                       | PRC                           | 51.00% <sup>(1)</sup>            |
| AU Optronics (L) Corp.                        | Holding and trading company   | Malaysia                      | 100.00%                          |
| AU Optronics (Shanghai) Co., Ltd.             | Sales support of TFT-LCD panels   | PRC                           | 100.00% <sup>(1)</sup>           |
| AU Optronics (Slovakia) s.r.o.                | Repairing of TFT-LCD modules  | Slovakia Republic             | 100.00% <sup>(1)</sup>           |
| AU Optronics (Suzhou) Corp., Ltd.             | Manufacturing, assembly and sales of TFT-LCD modules                            | PRC                           | 100.00% <sup>(1)</sup>           |
| AU Optronics (Xiamen) Corp.                   | Manufacturing, assembly and sales of TFT-LCD modules                            | PRC                           | 100.00% <sup>(1)</sup>           |
| AU Optronics Corporation America              | Sales and sales support of TFT-LCD panels                                       | United States                 | 100.00% <sup>(1)</sup>           |
| AU Optronics Corporation Japan                | Sales support of TFT-LCD panels   | Japan                         | 100.00% <sup>(1)</sup>           |
| AU Optronics Europe B.V.                      | Sales and sales support of TFT-LCD panels                                       | Netherlands                   | 100.00%                          |
| AU Optronics Korea Ltd.                       | Sales support of TFT-LCD panels   | South Korea                   | 100.00% <sup>(1)</sup>           |
| AU Optronics Manufacturing (Shanghai) Corp.   | Manufacturing and assembly of TFT-LCD modules; leasing                          | PRC                           | 100.00% <sup>(1)</sup>           |
| AU Optronics Singapore Pte. Ltd.              | Holding company and sales support of TFT-LCD panels                             | Singapore                     | 100.00% <sup>(1)</sup>           |
| AUO Care Information Tech. (Suzhou) Co., Ltd. | Design, development and sales of software and hardware for health care industry | PRC                           | 100.00% <sup>(2)</sup>           |
| AUO Crystal (Malaysia) Sdn. Bhd.              | Manufacturing and sales of solar wafers   | Malaysia                      | 100.00% <sup>(3)</sup>           |
| AUO Crystal Corp.                             | Manufacturing and sales of ingots and solar wafers                              | ROC                           | 100.00%                          |
| AUO Green Energy America Corp.                | Sales support of solar-related products   | United States                 | 100.00% <sup>(5)</sup>           |
| AUO Green Energy Europe B.V.                  | Sales support of solar-related products   | Netherlands                   | 100.00% <sup>(5)</sup>           |
| BriView (Hefei) Co., Ltd.                     | Manufacturing and sales of liquid crystal products and related parts            | PRC                           | 100.00% <sup>(6)</sup>           |
| BriView (L) Corp.                             | Holding company   | Malaysia                      | 100.00% <sup>(7)</sup>           |
| BriView (Xiamen) Corp.                        | Manufacturing and sales of liquid crystal products and related parts            | PRC                           | 100.00% <sup>(8)</sup>           |
| ComQi Canada Inc.                             | Research and development of content management system                           | Canada                        | 100.00% <sup>(20)</sup>          |
| ComQi Holdings Ltd.                           | Holding company   | United Kingdom                | 100.00% <sup>(9)</sup>           |
| ComQi Inc.                                    | Sales of content management system and hardware                                 | United States                 | 100.00% <sup>(20)</sup>          |
| ComQi Ltd.                                    | Holding company   | Israel                        | 100.00%                          |
| ComQi UK Ltd.                                 | Sales support of content management system                                      | United Kingdom                | 100.00% <sup>(20)</sup>          |
| Darwin Precisions (Hong Kong) Limited         | Holding company   | Hong Kong                     | 100.00% <sup>(10)</sup>          |
| Darwin Precisions (L) Corp.                   | Holding company   | Malaysia                      | 100.00% <sup>(11)</sup>          |
| Darwin Precisions (Slovakia) s.r.o.           | Manufacturing and sales of automotive parts                                     | Slovakia Republic             | 100.00% <sup>(10)</sup>          |



| Subsidiary  | Main Activities  | Jurisdiction of Incorporation | Percentage of Ownership Interest |
|---|--|-------------------------------|----------------------------------|
| Darwin Precisions (Suzhou) Corp.                      | Manufacturing and sales of backlight modules and related parts   | PRC                           | 100.00% <sup>(12)</sup>          |
| Darwin Precisions (Xiamen) Corp.                      | Manufacturing and sales of backlight modules and related parts   | PRC                           | 100.00% <sup>(12)</sup>          |
| Darwin Precisions Corporation                         | Manufacturing, design and sales of TFT-LCD modules, TV set, backlight modules and related parts                      | ROC                           | 41.05% <sup>(13)</sup>           |
| Edgetech Data Technologies (Suzhou) Corp., Ltd.       | Design and sales of software and hardware integration system and equipment relating to intelligent manufacturing     | PRC                           | 100.00% <sup>(2)</sup>           |
| Forefront Corporation                                 | Holding company  | Mauritius                     | 100.00% <sup>(11)</sup>          |
| Forhouse Electronics (Suzhou) Co., Ltd.               | Manufacturing of motorized treadmills  | PRC                           | 100.00% <sup>(14)</sup>          |
| Forhouse International Holding Ltd.                   | Holding company  | BVI                           | 100.00% <sup>(11)</sup>          |
| Fortech Electronics (Kunshan) Co., Ltd.               | Manufacturing and sales of backlight modules and related parts   | PRC                           | 100.00% <sup>(15)</sup>          |
| Fortech Electronics (Suzhou) Co., Ltd.                | Manufacturing and sales of backlight modules and related parts   | PRC                           | 100.00% <sup>(16)</sup>          |
| Fortech International Corp.                           | Holding company  | Mauritius                     | 100.00% <sup>(17)</sup>          |
| Forward Optronics International Corp.                 | Holding company  | Samoa                         | 100.00% <sup>(17)</sup>          |
| JohnRyan Inc.   | Development and sales of content management system and sales of related hardware                                     | United States                 | 100.00% <sup>(21)</sup>          |
| JohnRyan Limited                                      | Development and sales of content management system and sales of related hardware                                     | United Kingdom                | 100.00% <sup>(21)</sup>          |
| Konly Venture Corp.                                   | Venture capital investment   | ROC                           | 100.00%                          |
| Mega Insight Smart Manufacturing (Suzhou) Corp., Ltd. | Development and licensing of software relating to intelligent manufacturing, and related consulting services         | PRC                           | 100.00% <sup>(2)</sup>           |
| M.Setek Co., Ltd.                                     | Manufacturing and sales of ingots  | Japan                         | 99.9991% <sup>(18)</sup>         |
| Prime Forward International Ltd.                      | Holding company  | Samoa                         | 100.00% <sup>(17)</sup>          |
| Ronly Venture Corp.                                   | Venture capital investment   | ROC                           | 100.00%                          |
| Sanda Materials Corporation                           | Holding company  | ROC                           | 100.00% <sup>(3)</sup>           |
| Space Money Inc.                                      | Sales and leasing of content management system and hardware  | ROC                           | 100.00%                          |
| Suzhou Forplax Optronics Co., Ltd.                    | Manufacturing and sales of precision plastic parts   | PRC                           | 100.00% <sup>(19)</sup>          |
| U-Fresh Technology Inc.                               | Planning, design and development of construction for environmental protection and related project management         | ROC                           | 100.00%                          |
| U-Fresh Technology (Suzhou) Co., Ltd.                 | Planning, design and development of construction project for environmental protection and related project management | PRC                           | 100.00% <sup>(2)</sup>           |
| U-Fresh Environmental Technology (Shandong) Co., Ltd. | Planning, design and development of construction project for environmental protection and related project management | PRC                           | 100.00% <sup>(4)</sup>           |

(1) Indirectly, through our 100.00% ownership of AU Optronics (L) Corp.

(2) Indirectly, through our 100.00% ownership of AU Optronics (Shanghai) Co., Ltd.

(3) Indirectly, through our 100.00% ownership of AUO Crystal Corp.

(4) Indirectly, through our 100.00% ownership of U-Fresh Technology (Suzhou) Co., Ltd.

- (5) Indirectly, through our 100.00% ownership of AU Optronics Singapore Pte. Ltd.
- (6) Indirectly, through our 100.00% ownership of BriView (L) Corp.
- (7) 70.29% held indirectly through AU Optronics (L) Corp. and 29.71% held indirectly through Darwin Precisions Corporation, respectively.
- (8) Indirectly, through our 100.00% ownership of AU Optronics (Xiamen) Corp.
- (9) Indirectly, through our 100.00% ownership of ComQi Ltd.
- (10) Indirectly, through our 100.00% ownership of Darwin Precisions (L) Corp.
- (11) Indirectly, through our 41.05% ownership of Darwin Precisions Corporation.
- (12) Indirectly, through our 100.00% ownership of Darwin Precisions (Hong Kong) Limited.
- (13) 28.56% held directly by AU Optronics Corp., 6.40% held indirectly by Konly Venture Corp. and 6.09% held indirectly by Ronly Venture Corp., respectively.
- (14) Indirectly, through our 100.00% ownership of Forefront Corporation.
- (15) Indirectly, through our 100.00% ownership of Prime Forward International Ltd.
- (16) Indirectly, through our 100.00% ownership of Fortech International Corp.
- (17) Indirectly, through our 100.00% ownership of Forhouse International Holding Ltd.
- (18) Indirectly, through our 100.00% ownership of Sanda Materials Corporation.
- (19) 65.52% held indirectly through Forward Optronics International Corp. and 34.48% held indirectly through Fortech International Corp., respectively.
- (20) Indirectly, through our 100.00% ownership of ComQi Holdings Ltd.
- (21) Indirectly, through our 100.00% ownership of ComQi Inc.

#### 4.D. Property, Plants and Equipment

##### *Principal Facilities*

##### *Display Business*

As of December 31, 2019, we had a monthly capacity to produce approximately 2.5 to 2.9 million square meters of glass area of TFT-LCD panels. The capacity may be subject to change due to factors such as product mix, technological changes and production efficiency improvement.

As of February 29, 2020, our principal manufacturing sites were located in Taiwan, the PRC, Europe and Singapore. The following table sets forth certain information relating to our principal facilities as of February 29, 2020. The land in the Hsinchu Science Park, Lungke Science Park and Central Taiwan Science Park on which our facilities are located is leased from the ROC government. The land in Xiamen Torch Hi-tech Industrial Development Zone, Kunshan Economic and Technical Development Zone and Suzhou Industrial Park, on which our facilities are located, is leased from the PRC government.

| Fab | Location  | Building Size<br>(in square meters) | Generation | Input Substrate Size<br>(in millimeters)  | Commencement<br>of Commercial<br>Production | Primary Use                       | Owned or Leased  |
|-----|---|-------------------------------------|------------|---|---|-----------------------------------|--|
| C4A | 36, Keji 1st Rd.,<br>Tainan                                   | 145,793                             | 4          | 620x750                                   | July 2002                                   | Manufacturing of color<br>filters | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is owned</li> </ul> |
| C5D | Technology<br>Industrial Park,<br>Annan Dist.,<br>Tainan City |                                     | 5          | 680x880                                   | March 2003                                  |                                   |  |
| C6C |   |                                     |            | 730x920                                   |   |                                   |  |
|     | 70955, Taiwan,<br>ROC   |                                     | 6          | 1,100x1,250<br>1,100x1,300<br>1,500x1,850 | May 2005                                    |                                   |  |

| Fab                             | Location  | Building Size<br>(in square meters) | Generation                  | Input Substrate Size<br>(in millimeters)                                | Commencement   | Primary Use  | Owned or Leased  |
|---------------------------------|---|-------------------------------------|-----------------------------|---|--|--|--|
|                                 |   |                                     |                             |   | of Commercial Production   |  |  |
| C5E                             | 9, Luke 3rd Rd., Kaohsiung Science Park, Luzhu Dist., Kaohsiung City 82151, Taiwan, ROC       | 96,576                              | 5                           | 1,100x1,250<br>1,100x1,300<br>1,200x1,300                               | July 2008  | Manufacturing of color filters   | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in January 2028)</li> </ul>  |
| L3C                             | No. 23, Li-Hsin Rd., Hsinchu Science Park, Hsinchu 30078, Taiwan, ROC                         | 105,127                             | 3.5                         | 600x720   | July 1999  | Manufacturing of TFT-LCD panels  | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in January 2037)</li> </ul>  |
| L3D<br>L5D                      | No. 189, Hwaya Rd. 2, Kueishan Hwaya Science Park, Kueishan Dist., Taoyuan 33383, Taiwan, ROC | 162,826                             | 3.5<br>5                    | 620x750<br>1,100x1,300  | December 2001<br>October 2003                                      | Manufacturing of TFT-LCD panels  | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is owned</li> </ul>                             |
| L4A<br>L5A<br>L5B               | No. 1, Xinde Rd., Aspire Park, Lungtan Dist., Taoyuan 32543, Taiwan, ROC                      | 535,528                             | 4<br>5<br>5                 | 680x880<br>1,100x1,250<br>1,100x1,300                                   | November 2001<br>March 2003<br>February 2004                       | Manufacturing of TFT-LCD panels; module and component assembly; manufacturing of color filters | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is owned</li> </ul>                             |
| L4B                             | 10 Tampines Industrial Avenue 3, Singapore 528798   | 183,341                             | 4.5                         | 730x920   | August 2002  | Manufacturing of TFT-LCD panels  | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in May 2031)</li> </ul>      |
| L6A<br>L5C<br>L7A<br>L7B<br>L8A | No. 1, JhongKe Rd., Central Taiwan Science Park, Xitun Dist., Taichung 40763, Taiwan, ROC     | 1,430,750                           | 6<br>5<br>7.5<br>7.5<br>8.5 | 1,500x1,850<br>1,100x1,300<br>1,950x2,250<br>1,950x2,250<br>2,200x2,500 | March 2005<br>August 2005<br>June 2006<br>March 2009<br>March 2009 | Manufacturing of TFT-LCD panels; module and component assembly; manufacturing of color filters | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in December 2022)</li> </ul> |
| L6B                             | No. 228, Lungke St., Lungke Science Park, Lungtan Dist., Taoyuan 32542, Taiwan, ROC           | 867,955                             | 6                           | 1,500x1,850   | August 2005  | Manufacturing of TFT-LCD panels; module and component assembly; manufacturing of color filters | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in December 2027)</li> </ul> |
| L6K                             | No. 6, LongTeng Road, Kunshan Economic and Technical Development Zone, Kunshan, the PRC       | 598,299                             | 6                           | 1,500x1,850   | November 2016  | Manufacturing of TFT-LCD panels; module and component assembly; manufacturing of color filters | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in 2060)</li> </ul>          |

| Fab                  | Location   | Building Size<br>(in square meters) | Generation | Input Substrate Size<br>(in millimeters) | Commencement of Commercial Production | Primary Use  | Owned or Leased  |
|----------------------|--|-------------------------------------|------------|--|---------------------------------------|--|--|
|                      |  |                                     |            |  |                                       |  |  |
| L8B                  | No. 1, Machang Rd., Central Taiwan Science Park, Houli Dist., Taichung 42147, Taiwan, ROC                  | 587,746                             | 8.5        | 2,200x2,500                              | June 2011                             | Manufacturing of TFT-LCD panels; module and component assembly; manufacturing of color filters | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in December 2025)</li> </ul> |
| Module S01, S02, S06 | No. 398, Suhong Zhong Road, Suzhou Industrial Park, Suzhou, the PRC  | 413,035                             | N/A        | N/A                                      | July 2002                             | TFT-LCD module and component assembly  | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in 2054)</li> </ul>          |
| Module S11, S16, S17 | No. 1689, North of XiangAn Rd., XiangAn Branch, Torch Hi-tech Industrial Development Zone, Xiamen, the PRC | 289,744                             | N/A        | N/A                                      | April 2007                            | TFT-LCD module and component assembly  | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in 2056)</li> </ul>          |

### ***Energy Business***

As of December 31, 2019, our energy business had the capacity of producing 400 megawatts of solar modules per year, 37 million pieces of wafer per month, and 620 tons of ingot per month. The actual shipment may be subject to market conditions, customer demand and capacity outsourcing.

As of February 29, 2020, our principal manufacturing sites for our energy business were located in Taiwan, Japan, Europe and Malaysia. The following table sets forth certain information relating to our principal facilities for our energy business as of February 29, 2020.

| Location  | Building Size<br>(in square meters) | Commencement of Commercial Production | Primary Use                              | Owned or Leased  |
|---|-------------------------------------|---------------------------------------|--|--|
| No. 1, JhongKe Rd., Central Taiwan Science Park, Xitun Dist., Taichung 40763, Taiwan, ROC | 1,430,750 <sup>(1)</sup>            | April 2010<br>November 2011           | Manufacturing of solar cells and modules | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in December 2022)</li> </ul> |
| No. 2, Jian 7 <sup>th</sup> Rd., Wuqi Dist., Taichung 43541, Taiwan, ROC                  | 19,888                              | October 2011                          | Production of ingots                     | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in July 2027)</li> </ul>     |
| No. 335, sec. 2, Houke Rd., Houli Dist., Taichung 42152, Taiwan, ROC                      | 77,617                              | June 2012                             | Production of ingots and wafers          | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is leased (expires in December 2030)</li> </ul> |

| Location   | Building Size<br>(in square meters)                       | Commencement of Commercial Production                        | Primary Use          | Owned or Leased  |
|--|---|--|----------------------|--|
| Kochi Site 1:<br>378, Myoken-machi,<br>Susaki-shi, Kochi-ken,<br>Japan<br>Kochi Site 2:<br>1117-1, Otani,<br>Susaki-shi, Kochi-ken,<br>Japan | 36,729<br>(including<br>Kochi Site 1 and<br>Kochi Site 2) | Kochi Site 1:<br>April 2004<br>Kochi Site 2:<br>January 2009 | Production of ingots | <ul style="list-style-type: none"> <li>• Building is owned</li> <li>• Land is owned</li> </ul>   |
| Melaka World Solar<br>Valley, 78000 Alor<br>Gajah, Melaka, Malaysia  | 7,153   | March 2011   | Production of wafers | <ul style="list-style-type: none"> <li>• Building is leased</li> <li>• Land is leased</li> </ul> |

(1) Shared the same facility with L6A, L5C, L7A, L7B and L8A fabs.

### ***Expansion Projects***

In order to sustain our long-term profit model, we have invested in capacity expansion, new facilities and technology upgrades for manufacturing competitive products to differentiate ourselves from our competitors.

Set forth below is the description of our principal expansion projects:

*8.5-Generation Capacity Expansion.* To cater to the expected strong demand in large-size panels of televisions, we added 27 thousand substrates per month of capacity at our 8.5-generation facilities in Houli District, Taichung City in 2018. The expanded capacity was fully ramped up in the third quarter of 2018.

We estimate our capital expenditures in 2020 to be around NT\$20.0 billion for purposes of operational maintenance and technology upgrades. Our principal sources of funds include cash on hand, cash flow from operations and financing activities, for instance the issuance of equity securities, long-term borrowings, and the issuance of convertible and other debt securities. For further descriptions with regard to our capital expenditures and source of funding, see “Item 5. Operating and Financial Review and Prospects—5.B.—Liquidity and Capital Resources—Capital Expenditures.”

#### **ITEM 4A. UNRESOLVED STAFF COMMENTS**

None.

## **ITEM 5. OPERATING AND FINANCIAL REVIEW AND PROSPECTS**

The following discussion should be read in conjunction with our audited consolidated financial statements and their accompanying notes included elsewhere herein which are prepared in accordance with IFRS.

### **5.A. Operating Results**

Our operating results are affected by a number of factors, principally by general market conditions, operating efficiency and product mix.

#### ***General Market Conditions***

The display panel industry in general has been characterized by cyclical market conditions. From time to time, the industry has experienced imbalances between excess supply and slowdowns in demand, and in certain periods, resulting in declines in selling prices. Our revenues primarily depend on the average selling prices and shipment volume of our panels and are affected by fluctuations in those prices and volumes.

The prices and shipment volume of our panels are affected by numerous factors, such as raw material costs, yield rates, supply and demand, competition, our pricing strategies and transportation costs. It is expected that the demand for panels is likely to continue to grow mainly driven by a shift towards larger screen and higher resolution products and the replacement cycle of TVs. However, there is still a lack of visibility into future demand and the outlook of the display industry remains highly uncertain. We expect selling prices of panels will fluctuate from time to time due to the changes of general market conditions and the global economy.

To meet a potential future increase in demand, many display panel manufacturers, including our company, may expand capacity. If such expansion in capacity is not matched by a comparable increase in demand, it could lead to overcapacity and declines in the selling prices of panels in the future. In addition, we expect that, as is typical in the display panel industry, the selling prices for our existing product lines will gradually decrease as the cost of manufacturing display panels declines. However, the impact of such decreases may be offset through the introduction of new products and cost control.

The demand for our solar products also highly depends on the general economic conditions in our target markets. The solar industry has undergone challenging business conditions in the recent years, including downward pricing pressure for solar modules, solar cells, solar wafers and ingots mainly as a result of oversupply, and the fluctuations in demand mainly due to reductions in applicable governmental subsidies.

In the past year, the United States, Europe, China, Japan and India remain the primary markets of solar products. In the meantime, other emerging markets have gradually become the growth engine of the industry. In September 2018, the European Union ended the Minimum Import Price policy that imposed a minimum import price and import volume restrictions on PRC solar manufacturers. We believe this policy shift will increase import demand for crystalline solar cells and modules in the European market.

#### ***Operating Efficiency***

Our results of operations have been affected by our operating efficiency. Our operating efficiency is impacted by production yield, cycle time, capacity utilization, production capacity and other factors.

Our manufacturing processes are highly complex and require advanced and costly equipment. In order to maintain our competitiveness and to meet customer demand, we must routinely upgrade our equipment. Upgrades and implementing new equipment to improve production yields and production efficiency takes time and training and may require adjustments to the manufacturing process. In addition, certain of our customers have different specification requirements than other customers. Specification requests may also require adjustments to or the use of different manufacturing processes which may accelerate or delay production. The turnaround time for production and our capacity utilization is also impacted by the availability of raw materials and components as well as the level of demand for our products.

We measure the capacity of a fab in terms of the number of substrates and the glass area of substrates that can be produced. As of December 31, 2019, we had a monthly capacity to produce approximately 2.5 to 2.9 million square meters of glass area of TFT-LCD panels. Our production capacity has been affected by the process of construction and the schedule of commencement of operation of our fabs. Once the design of a new fab is completed, it typically takes six to eight quarters before the fab commences commercial production, during which time we construct the building, install the machinery and equipment and conduct trial production at the fab. An additional two to four quarters are required for the fab to be in a position to produce at the installed capacity and with high production yield, where production yield is the number of good panels produced expressed as a percentage of the total number of panels produced. This process is commonly referred to as “ramp-up.” At the beginning of the ramp-up process, fixed costs, such as depreciation and amortization, other overhead expenses, labor, general and administrative and other expenses, are relatively high on a per panel basis, primarily due to the low output. Variable costs, particularly raw materials and component costs, are also relatively high on a per panel basis since production yield is typically low in the early stages of the ramp-up of a fab, resulting in greater waste of raw materials and components. In general, upon the completion of the ramp-up process, a fab is capable of producing at its installed capacity, leading to lower fixed costs per panel as a result of higher output, as well as lower raw material and component costs per panel as a result of higher production yield. We typically construct our new fabs in phases in order to allocate our aggregate capital expenditure across a greater period of time. As a result, the installed capacity in the early phases of production at a new fab is typically lower than the maximum capacity that can be installed at a fab.

### ***Product Mix***

Our product mix affects our sales and profitability, as the prices and costs of different size panels may vary significantly. Our product mix also affects the overall average selling prices of our products. In general, higher-valued products, such as higher-resolution panels, typically command higher average selling prices. If the percentage of sales in higher-valued products as a percentage of our net revenue increases, the overall average selling prices for all of our display products may likely improve. Moreover, higher-selling prices are typically associated with new products and technologies when they are first introduced into the market, thus our ability to introduce and sell new products that offset the anticipated fluctuation and long-term declines in the selling prices of our existing products is also one of the most important factors to maintain or increase our revenues. We periodically review and adjust our product mix based on the demand for and profitability of the different panel that we manufacture.

### **Critical Accounting Policies and Estimates**

Our discussion and analysis of our financial condition and results of operations contained elsewhere in this annual report are based on our audited consolidated financial statements which have been prepared in accordance with IFRS. Our reported financial condition and results of operations are sensitive to accounting methods, assumptions and estimates that underlie the preparation of our financial statements. We base our assumptions and estimates on historical experience and on various other assumptions that we believe to be reasonable and which form the basis for making judgments about matters that are not readily apparent from other sources. On an ongoing basis, our management evaluates its estimates. Actual results may differ from those estimates as facts, circumstances and conditions change.

The selection of critical accounting policies, the judgments and other uncertainties affecting application of those policies and the sensitivity of reported results to changes in conditions and assumptions are factors to be considered when reviewing our financial statements. Our principal accounting policies are set forth in detail in Note 5 to our consolidated financial statements included elsewhere herein. We believe the following critical accounting policies involve the most significant judgments and estimates used in the preparation of our financial statements.

***Revenue Recognition (policy applicable before January 1, 2018)***

Revenue is recognized when title to the products and risk of ownership are transferred to the customers. We continuously evaluate whether our products meet our inspection standards and can reliably estimate sales returns expected to result from customer inspections. Allowance and related provisions for sales returns and discounts are estimated on the basis of historical experience, our management’s judgment and any known factors that would significantly affect such allowance. Such provisions are deducted from sales in the same period during which the related revenue is recognized. There was no change in this policy in 2017.

The following table sets forth the movement of the allowance for sales returns and discounts for the period indicated <sup>(1)</sup>:

|                              | <u>2017</u>        |
|------------------------------|--------------------|
|                              | NT\$               |
|                              | (in thousands)     |
| Balance beginning of year    | 853,614            |
| Provision charged to revenue | 1,926,017          |
| Utilized                     | <u>(1,442,555)</u> |
| Balance at end of year       | <u>1,337,076</u>   |

(1) We have adopted IFRS 15, Revenue from Contracts with Customers, starting from January 1, 2018. Refer to Note 5 to our consolidated financial statements included elsewhere in this annual report.

***Revenue from Contracts with Customers (policy applicable from January 1, 2018)***

Revenue is measured based on the consideration that we expect to be entitled to during the transfer of goods or services to a customer. We recognize revenue when it satisfies a performance obligation by transferring control over a product or service to a customer. We estimate the amount of variable consideration by using either (i) the expected value or the most likely amount based on historical experience, market and economic situation and (ii) any known factors that would significantly affect the estimates. The amount of variable consideration is recognized as a reduction of revenue in the same period as the related revenue is recognized. We periodically review the reasonableness of the estimated variable consideration. However, the adequacy of estimations may be affected by factors such as market price competition and the evolution of product technology, which could result in significant adjustments to the variable consideration.

***Loss Allowance for Accounts Receivables***

We periodically evaluate our outstanding accounts receivables for collectability purposes on an individual and a collective basis. We first assess whether objective evidence of impairment exists for outstanding accounts receivables that are individually significant. If there is objective evidence indicating that an impairment loss has occurred, the amount of impairment loss is assessed individually. For accounts receivables other than those aforementioned, we group those assets and assess their impairment collectively. Our evaluation on a collective basis includes an analysis of the number of days outstanding for each outstanding accounts receivable account. When appropriate, we provide a provision that is based on the number of days for which the account has been outstanding. The provision provided on each aged account is primarily based on our average historical collection experience and current trends in the credit quality of our customers. We also carry accounts receivable insurance for potential defaults. There was no change in this policy in 2017.

Applicable from January 1, 2018, a new “expected credit loss” model under IFRS 9 is used to measure the impairment of financial assets, which replaces the “incurred loss” model in IAS 39. The expected credit loss is the weighted average of credit losses with the respective risks of a default occurring on the financial instrument as the weights. The Company measures loss allowances for accounts receivable at an amount equal to lifetime expected credit losses. The recognition or reversal of the loss allowance is recognized in profit or loss.



### ***Provisions of Warranty Obligations***

We make a provision for warranty obligations based on the estimated costs that we expect to incur. These liabilities are accrued when product revenue is recognized. We make the provisions based on the quantities within the warranty period, the historical and anticipated warranty claims rate associated with similar products and services, and the projected unit cost of maintenance. We regularly review the basis of the accrual and, if necessary, amend it as appropriate at the end of reporting period. There could be a significant impact on provisions for warranty obligations for any changes of the basis of the accrual. We recognized provisions for warranty obligations amounting to NT\$1,463.9 million and NT\$1,292.2 million (US\$43.2 million) as of December 31, 2018 and 2019, respectively.

### ***Realization of Inventory***

Provisions for inventory obsolescence and devaluation are recorded when we determine that the amounts expected to be realized are less than their cost basis or when we determine that inventories cannot be liquidated, which may be affected by their prevailing market price and the number of months in which inventory items remain unsold. Additionally, our analysis of the amount we expect to realize ultimately is based in part on demand forecasts of our products and relevant adjustments to such forecasts. This policy has not changed for the last three years.

Inventory write-downs to net realizable value, which are charged to cost of sales, were NT\$3,756.7 million, NT\$5,171.8 million and NT\$5,185.5 million (US\$173.4 million) for the years ended December 31, 2017, 2018 and 2019, respectively. The larger provisions made in 2018 and 2019 were mainly due to the sharply decreased panel price of many products resulting from an oversupply market condition.

### ***Recoverability of Long-Lived Assets, Excluding Goodwill***

Our long-lived assets include property, plant and equipment, right-of-use assets and intangible assets. We assess the impairment of long-lived assets at the reporting date or whenever triggering events or changes in circumstances indicate that the asset may be impaired and carrying value may not be recoverable. If any such indication of impairment exists, then the recoverable amount of the relevant asset or cash-generating unit (“CGU”) is estimated. Recoverable amount is defined as the higher of (a) the fair value of an asset or a CGU less costs of disposal (if determinable) or (b) its “value in use,” which is defined as the present value of the expected future cash flows generated by the asset or CGU. An impairment loss is recognized in the consolidated statement of comprehensive income if the carrying amount of an asset or its related CGU exceeds its estimated recoverable amount.

The process of evaluating the potential impairment of long-lived assets requires significant judgment. Our present value of the expected future cash flows is determined on forecasted revenue, discount rate and other relevant factors. Due to the cyclical nature of our industry and changes in our business strategy, market requirements or the needs of our customers, if our estimates of future operating results change, or if there are changes to other assumptions, the estimate of the recoverable amounts of long-lived assets could change significantly. Such change could result in impairment charges in future periods, which could have a significant impact on our consolidated financial statements.

The solar industry has experienced significant fluctuations with oversupply capacity worldwide resulting in lower capacity utilization. Therefore, we performed an impairment assessment on ACTW and its subsidiaries, as a CGU, over its long-term assets in 2019 with the recoverable amount determined based on its value in use. Based on the assessment, the carrying amount of the CGU was determined to be higher than its estimated recoverable amount; consequently, we recognized an impairment loss of NT\$2,232.7 million (US\$74.6 million) in 2019. The estimated recoverable amount was calculated by pre-tax discount rate of 10.63%.

In addition, in 2017, 2018 and 2019, we wrote down certain long-term assets with extremely low capacity utilization associated with our energy segment and recognized impairment losses of NT\$120.7 million, NT\$399.4 million and NT\$14.9 million (US\$0.5 million), respectively.

In 2017 and 2019, we wrote down certain long-term assets with extremely low capacity utilization associated with our display segment and recognized impairment losses of NT\$896.0 million and NT\$52.8 million (US\$1.8 million), respectively.

### ***Recoverability of Goodwill***

Goodwill is recognized when the purchase price exceeds the fair value of identifiable net assets acquired in a business combination. We assess the impairment of goodwill on an annual basis, or more frequently when there is an indication that goodwill may be impaired. For the purpose of impairment test, goodwill acquired in a business combination is allocated to CGUs that are expected to benefit from the synergies of the combination. If the recoverable amount of a CGU is less than its carrying amount, the difference is allocated first to reduce the carrying amount of any goodwill allocated to the unit, then the carrying amounts of the other assets in the unit on a pro rata basis. The impairment loss recognized on goodwill is not reversed in a subsequent period.

Based on the impairment assessments for the years ended December 31, 2018 and 2019, no impairment loss on goodwill was recognized as the recoverable amount of the CGU was higher than its carrying amount.

### ***Investments in Equity-Accounted Investees***

When we have the ability to exercise significant influence over the operating and financial policies of investees, or when we have contractual arrangements with other parties sharing equal control over the arrangements, and have rights to the net assets of the arrangements, those investments are accounted for using the equity method. Significant judgment is required to assess whether we have significant influence. Factors that we consider in making such judgment include, among other matters, participation in policymaking processes, material intercompany transactions, interchange of managerial personnel or technological dependency.

The difference between the acquisition cost and the carrying amount of net equity of the investee as of the acquisition date is allocated based upon the pro rata excess of fair value over the carrying value of noncurrent assets. Any unallocated difference is treated as goodwill. Under IFRS, such difference is not amortized, but the carrying value of the total investment is assessed for impairment. The allocation of excess basis in equity-accounted investments requires the use of judgments regarding, among other matters, the fair value and estimated useful lives of long-lived assets. Changes in those judgments would affect the amount and timing of amounts charged to our consolidated statements of comprehensive income.

An investment in an equity-accounted investee is considered to be impaired if there is objective evidence of impairment as a result of one or more events that had occurred as of the reporting date indicating that the recoverable amount is below the carrying amount of the investment. Impairment is assessed at the individual security level. The recoverable amount is determined based on one of the two following approaches: (1) the discounted expected future net cash flows from the investee company; or (2) the combination of expected cash dividends from the investee company and the discounted cash flows from the ultimate disposal of the investment. The impairment loss is recorded in the consolidated statement of comprehensive income. If the recoverable amount increases in the future period, the amount previously recognized as impairment loss could be reversed and recognized as a gain.

In 2017, 2018 and 2019, we did not recognize any impairment loss on our investments in equity-accounted investees.

### ***Income Taxes Uncertainties and Recognition of Deferred Taxes***

We are subject to the continuous examination of our income tax returns by the tax authorities. We regularly assess the likelihood of adverse outcomes resulting from these examinations to determine the adequacy of our provision for income taxes. A change in the outcome of the assessment could materially affect our consolidated financial statements.

We have recognized deferred tax assets for the carryforward of unused tax losses and unused tax investment credits to the extent that it is probable that sufficient taxable profits will be available against which the deferred tax assets can be utilized. At the annual reporting date, the deferred tax assets are reviewed for recoverability and reduced to the extent that it is no longer probable that the related tax benefit will be realized, by considering nature of industry cycles, projected future taxable income and expiration years of unused tax losses carryforwards and tax investment credits. As of December 31, 2018 and 2019, our unrecognized deferred tax assets were NT\$32,190.3 million and NT\$37,046.5 million (US\$1,238.6 million), respectively. Besides, we also have unrecognized deferred tax liabilities associated with investments in subsidiaries amounting to NT\$277.7 million (US\$9.3 million) as of December 31, 2019.

The amount of the deferred tax asset considered realizable could be reduced in the near term if estimates of future taxable income during the carryforwards or reversal periods are reduced.

### ***Legal Contingencies***

From time to time, we are involved in disputes that arise in the ordinary course of business, and we do not expect this to change in the future. We are currently involved in certain legal proceedings as discussed in “Item 8. Financial Information—Item 8.A.7. Litigation.”

When we determine it is more likely than not our defense in a legal claim will be unsuccessful and therefore it is also more likely than not it will result in an outflow of our resources, and our management can reasonably estimate the amount or range of such outflow, we make appropriate provisions in our consolidated financial statements. In making this assessment we consider factors such as the nature of the litigation or claims, the materiality of the amount of possible loss, the progress of the case and the opinions or views of legal counsel and other advisors. In determining the appropriate amount of the provision to be recognized, we develop an estimated amount or range of such loss. Where there is a continuous range of possible outcomes, and each point in that range is as likely as any other, we use the midpoint of the range to measure and recognize the provision. Such estimates are based on our assessment of the facts and circumstances at each reporting date and are subject to change based upon new information and intervening events. We had provisions for litigation and claims amounting to NT\$431.2 million and NT\$152.3 million (US\$5.1 million) in the consolidated statements of financial position as of December 31, 2018 and 2019, respectively. See Note 25 and Note 45 to our consolidated financial statements included elsewhere in this annual report. However, our actual liability may be materially different from the estimates as of December 31, 2019 and may have a material adverse effect on our operating results, cash flows or financial condition.

### ***Measurement of Defined Benefit Obligations***

We use the Projected Unit Credit Cost Method for accrued pension liabilities and the resulting pension expenses under defined benefit pension plans. Actuarial assumptions comprise the discount rate, rate of employee turnover, and long-term average future salary increase, etc. The discount rate is determined by reference to the yield rate on the ROC government bonds at the reporting date. Changes in economic circumstances and market conditions will affect these assumptions and may have a material impact on the amount of the expense and the liability. As of December 31, 2018 and 2019, the accrued pension liabilities for our defined benefit obligations were NT\$890.7 million and NT\$613.2 million (US\$20.5 million), respectively.

## Consolidated Results of Operations

The following table sets forth certain information of our results of operations, in both monetary amounts and as a percentage of our net revenue for the periods indicated:

|   | Year Ended December 31,               |        |             |        |             |           |        |
|---|---------------------------------------|--------|-------------|--------|-------------|-----------|--------|
|   | 2017                                  |        | 2018        |        | 2019        |           |        |
|   | NT\$                                  | %      | NT\$        | %      | NT\$        | US\$      | %      |
|   | (in millions, except for percentages) |        |             |        |             |           |        |
| Net revenue   | 341,028.3                             | 100.0  | 307,634.4   | 100.0  | 268,791.7   | 8,986.7   | 100.0  |
| Cost of sales                                       | (279,986.6)                           | (82.1) | (279,494.9) | (90.9) | (268,335.8) | (8,971.4) | (99.8) |
| Gross profit  | 61,041.7                              | 17.9   | 28,139.5    | 9.1    | 455.9       | 15.3      | 0.2    |
| Selling and distribution expenses                   | (3,889.0)                             | (1.1)  | (3,946.5)   | (1.3)  | (3,751.1)   | (125.4)   | (1.4)  |
| General and administrative expenses                 | (8,158.9)                             | (2.4)  | (7,978.3)   | (2.6)  | (7,363.2)   | (246.2)   | (2.7)  |
| Research and development expenses                   | (9,854.7)                             | (2.9)  | (9,546.8)   | (3.1)  | (9,809.6)   | (328.0)   | (3.7)  |
| Other income  | 3,829.9                               | 1.1    | 5,412.1     | 1.8    | 5,320.3     | 177.8     | 2.0    |
| Other gains and losses                              | (976.5)                               | (0.3)  | 1,488.1     | 0.5    | (1,595.6)   | (53.3)    | (0.6)  |
| Finance costs                                       | (2,867.9)                             | (0.8)  | (2,663.6)   | (0.9)  | (3,251.4)   | (108.7)   | (1.2)  |
| Share of profit of equity-accounted investees       | 239.0                                 | 0.1    | 311.7       | 0.1    | 149.9       | 5.0       | 0.0    |
| Profit (loss) before income tax                     | 39,363.6                              | 11.6   | 11,216.2    | 3.6    | (19,844.8)  | (663.5)   | (7.4)  |
| Income tax expense (benefit)                        | (1,125.2)                             | (0.3)  | 322.4       | 0.1    | 1,336.1     | 44.7      | 0.5    |
| Profit (loss) for the year                          | 40,488.8                              | 11.9   | 10,893.8    | 3.5    | (21,180.9)  | (708.2)   | (7.9)  |
| Other comprehensive loss for the year, net of taxes | (818.9)                               | (0.3)  | (1,383.8)   | (0.4)  | (1,411.8)   | (47.2)    | (0.5)  |
| Total comprehensive income (loss) for the year      | 39,669.9                              | 11.6   | 9,510.0     | 3.1    | (22,592.7)  | (755.4)   | (8.4)  |

In 2019, the average selling price of our panels had continued to fall as an increase in the production capacity of the industry led to an oversupply of panels. As a result, our gross margin decreased by 8.9% compared to 2018. In addition, an asset impairment associated with our energy business occurred in 2019 further decreasing our net margin. Therefore, in comparison to 2018, our net margin decreased by 11.4%.

In 2018, the average selling price of our panels had dropped considerably due to the expectation of an oversupply of panels. As a result, our gross margin and net margin decreased by 8.8% and 8.4% compared to 2017, respectively.

### For the Years Ended December 31, 2019 and 2018

#### *Net Revenue*

Net revenue decreased 12.6% to NT\$268,791.7 million (US\$8,986.7 million) in 2019 from NT\$307,634.4 million in 2018.

Net revenue of large-size panels decreased 13.7% to NT\$199,945.5 million (US\$6,684.9 million) in 2019 from NT\$231,564.7 million in 2018 primarily due to the continuing decline in average selling price resulting from an oversupply of panels.

Net revenue of small- to medium-size panels decreased 5.3% to NT\$46,118.7 million (US\$1,541.9 million) in 2019 from NT\$48,719.1 million in 2018 mainly due to decreases in panel shipments.

#### *Cost of sales*

Cost of sales consisted primarily of raw material and component costs, direct labor costs and overhead expenses, which include depreciation expenses, maintenance expenses of production equipment, indirect labor costs, indirect material costs, utilities and supplies.

Cost of sales decreased 4.0% from NT\$279,494.9 million in 2018 to NT\$268,335.8 million (US\$8,971.4 million) in 2019 primarily due to decreases in panel shipments overall in 2019 compared to 2018 and continued effort in cost control. However, the decrease in average selling price outpaced the decrease in cost of sales per panel. Therefore, as a percentage of net revenue, our cost of sales increased from 90.9% in 2018 to 99.8% in 2019.

### ***Gross Profit***

Gross profit was NT\$455.9 million (US\$15.3 million) in 2019 compared to gross profit of NT\$28,139.5 million in 2018. Gross margin mainly fluctuates, among other factors, with our capacity utilization rate, the yield rate of our products, market price change of our products and our product mix. Due to an increase in the production capacity of the industry, there was a downward pricing trend of panels, which resulted in a lower gross margin of 0.2% in 2019 compared with 9.1% in 2018.

### ***Selling and Distribution Expenses***

Selling and distribution expenses decreased 5.0% to NT\$3,751.1 million (US\$125.4 million) in 2019 from NT\$3,946.5 million in 2018. The lower expenses in 2019 were mainly due to lower shipping costs resulting from a decrease in panel shipments overall in 2019 compared to 2018. However, due to a decrease in net revenue, as a percentage of net revenue, selling and distribution expenses increased to 1.4% in 2019 from 1.3% in 2018.

### ***General and Administrative Expenses***

General and administrative expenses decreased 7.7% to NT\$7,363.2 million (US\$246.2 million) in 2019 from NT\$7,978.3 million in 2018. The decrease in 2019 was mainly due to a decrease in our personnel expenses as well as a lower depreciation expense resulting from a disposal of buildings in Slovakia in late 2018. However, due to a decrease in net revenue, as a percentage of net revenues, general and administrative expenses increased to 2.7% in 2019 from 2.6% in 2018.

### ***Research and Development Expenses***

Research and development expenses increased 2.8% to NT\$9,809.6 million (US\$328.0 million) in 2019 from NT\$9,546.8 million in 2018. The increase in 2019 was primarily due to increases in purchase of tools and materials used for our research and development activities, which were partially offset by a decrease in our personnel expenses. As a percentage of net revenue, research and development expenses increased to 3.7% in 2019 from 3.1% in 2018.

### ***Other Gains and Losses***

Other gains and losses primarily include gains or losses on disposal of assets, impairment loss on assets, foreign exchange gains or losses, gains or losses on valuation of financial assets and liabilities measured at fair value through profit or loss and others. We had a total net other loss of NT\$1,595.6 million (US\$53.3 million) in 2019 and a total net other gain of NT\$1,488.1 million in 2018. The total net other gain in 2018 was primarily attributable to the disposal gain of land and buildings from our subsidiaries. Apart from the aforementioned effect, the total net other loss in 2019 was primarily due to an asset impairment recognized associated with our energy business in 2019.

### ***Finance Costs***

Finance costs consist of interest expenses, which have been primarily attributable to our bank loans. Finance costs increased 22.1% to NT\$3,251.4 million (US\$108.7 million) in 2019 from NT\$2,663.6 million in 2018, primarily due to more bank borrowings in 2019 compared to 2018.

### ***Income Tax Expense***

Income tax expense increased to NT\$1,336.1 million (US\$44.7 million) in 2019 from NT\$322.4 million in 2018, primarily due to an increase in unrecognized deferred tax assets in 2019 compared to 2018, which reflected changes in estimates of the recoverability of deferred tax assets. Owing to the fact that we had a net loss before income tax in 2019, our effective tax rate was negative 6.73% in 2019 compared to 2.87% in 2018.

### ***Net Profit (loss) for the Year***

As a result of the foregoing, we had a consolidated net loss of NT\$21,180.9 million (US\$708.2 million) in 2019 compared to a consolidated net profit of NT\$10,893.8 million in 2018. Also, we had a net loss attributable to owners of our company of NT\$18,767.2 million (US\$627.5 million) in 2019 compared to a net profit of NT\$13,071.6 million in 2018, with a basic loss per share of NT\$1.96 (US\$0.07) in 2019 compared to a basic earnings per share of NT\$1.36 in 2018.

### **For the Years Ended December 31, 2018 and 2017**

#### ***Net Revenue***

Net revenue decreased 9.8% to NT\$307,634.4 million in 2018 from NT\$341,028.3 million in 2017.

Net revenue of large-size panels decreased 12.4% to NT\$231,564.7 million in 2018 from NT\$264,203.5 million in 2017 primarily due to the decrease in average selling price resulting from the expectation of an oversupply of panels.

Net revenue of small- to medium-size panels slightly increased 0.9% to NT\$48,719.1 million in 2018 from NT\$48,277.9 million in 2017 due to a change in our product mix, despite a decline in the average selling price.

#### ***Cost of sales***

Cost of sales consisted primarily of raw material and component costs, direct labor costs and overhead expenses, which include depreciation expenses, maintenance expenses of production equipment, indirect labor costs, indirect material costs, utilities and supplies.

Despite an increase in the amount of panels shipped, our cost of sales slightly decreased 0.2% from NT\$279,986.6 million in 2017 to NT\$279,494.9 million in 2018. The decrease in cost of sales was primarily due to a decline in our personnel expenses and depreciation expenses. However, the decrease in average selling price outpaced the decrease in cost of sales per panel. Therefore, as a percentage of net revenue, our cost of sales increased from 82.1% in 2017 to 90.9% in 2018.

#### ***Gross Profit***

Gross profit was NT\$28,139.5 million in 2018 compared to gross profit of NT\$61,041.7 million in 2017. Gross margin mainly fluctuates, among other factors, with our capacity utilization rate, the yield rate of our products, market price change of our products and our product mix. Due to the expectation of an oversupply of panels, there was a decrease in the average selling price, which resulted in a lower gross margin of 9.1% in 2018 compared with 17.9% in 2017.

#### ***Selling and Distribution Expenses***

Selling and distribution expenses increased 1.5% to NT\$3,946.5 million in 2018 from NT\$3,889.0 million in 2017. As a percentage of net revenue, selling and distribution expenses increased to 1.3% in 2018 from 1.1% in 2017. The slight increase was primarily due to an increase in shipping costs, which was partially offset by a decrease in our personnel expenses.

#### ***General and Administrative Expenses***

General and administrative expenses decreased 2.2% to NT\$7,978.3 million in 2018 from NT\$8,158.9 million in 2017. The decrease was mainly due to decreased personnel expenses and bank charge expenses. As a percentage of net revenues, general and administrative expenses increased to 2.6% in 2018 from 2.4% in 2017.

### ***Research and Development Expenses***

Research and development expenses decreased 3.1% to NT\$9,546.8 million in 2018 from NT\$9,854.7 million in 2017. The decrease in 2018 was primarily due to a decline in our personnel expenses and depreciation expenses resulting from the end of useful life for part of our equipment and tools. The aforementioned decrease was partially offset by an increase in our purchase of tools and materials used for our increased research and development activities. As a percentage of net revenue, research and development expenses increased to 3.1% in 2018 from 2.9% in 2017.

### ***Other Income***

Other income primarily included interest income on bank deposits, rental income, interest income on government bonds with reverse repurchase agreements, dividend income and grants, etc. Other income significantly increased to NT\$5,412.1 million in 2018 from NT\$3,829.9 million in 2017, primarily due to an increase in government grants that our subsidiaries received.

### ***Other Gains and Losses***

Other gains and losses primarily include gains or losses on disposal of assets, impairment loss on assets, foreign exchange gains or losses, gains or losses on valuation of financial assets and liabilities measured at fair value through profit or loss and others. We had a total net other gain of NT\$1,488.1 million in 2018 and a total net other loss of NT\$976.5 million in 2017. The total net other gain in 2018 was primarily due to the disposal gain of land and buildings from our subsidiaries.

### ***Income Tax Expense (Benefit)***

We had an income tax expense of NT\$322.4 million in 2018 and an income tax benefit of NT\$1,125.2 million in 2017. As a result, our effective tax rate was 2.87% in 2018 compared to negative 2.85% in 2017. The income tax benefit in 2017 was primarily due to the recognition of deferred tax assets of NT\$3,878.2 million from prior years' tax losses carried forward, which are expected to be utilized in future period. Excluding the impact of the aforementioned tax benefit in 2017, the income tax expense significantly decreased from NT\$2,753.0 million in 2017 to NT\$322.4 million in 2018. The decline was primarily due to the decreased surtax on undistributed earnings resulted from the lower profit in 2018 and a decrease in surtax rate from 10% to 5% on undistributed earnings enacted in 2018. Moreover, we had a tax benefit arising from adjustment on deferred tax assets due to the amendment of statutory income tax rate from 17% to 20% enacted in 2018.

### ***Net Profit for the Year***

As a result of the foregoing, we had a consolidated net profit of NT\$10,893.8 million in 2018 compared to NT\$40,488.8 million in 2017. Also, we had a net profit attributable to owners of our company of NT\$13,071.6 million in 2018 compared to NT\$42,609.5 million in 2017, with a basic earnings per share of NT\$1.36 in 2018 compared to NT\$4.43 in 2017.

## Segment Information

### General

We have two operating segments: display business and energy business. Our management monitors and evaluates the performance of both operating segments based on the information of their revenue and segment profit (loss). Segment profit (loss) represents gross profit (loss) minus selling and distribution expenses, general and administrative expenses and research and development expenses. Segment profit (loss) excludes long-lived asset impairments, gains and losses on disposal of assets, litigation provisions for the display business, foreign currency exchange gains or losses, finance costs, income taxes, share of profit and losses of equity-accounted investees and other miscellaneous income and expenses. The following table sets forth our segments results for the years indicated.

|                              | For the Year Ended December 31 |           |            |         |
|------------------------------|--------------------------------|-----------|------------|---------|
|                              | 2017                           | 2018      | 2019       |         |
|                              | NT\$                           | NT\$      | NT\$       | US\$    |
|                              | (in millions)                  |           |            |         |
| <b>Net revenue</b>           |                                |           |            |         |
| Display business             | 322,335.4                      | 290,784.8 | 256,667.2  | 8,581.3 |
| Energy business              | 18,692.9                       | 16,849.6  | 12,124.5   | 405.4   |
| Total                        | 341,028.3                      | 307,634.4 | 268,791.7  | 8,986.7 |
| <b>Segment profit (loss)</b> |                                |           |            |         |
| Display business             | 39,971.4                       | 7,792.5   | (19,484.4) | (651.4) |
| Energy business              | (832.3)                        | (1,124.6) | (983.6)    | (32.9)  |
| Total                        | 39,139.1                       | 6,667.9   | (20,468.0) | (684.3) |

### Display Business

#### For the Years Ended December 31, 2019 and 2018

Net revenue from our display business segment decreased 11.7% to NT\$256,667.2 million (US\$8,581.3 million) in 2019 from NT\$290,784.8 million in 2018, primarily due to a decline in the average selling price of our panels owing to an oversupply market condition.

Our segment loss was NT\$19,484.4 million (US\$651.4 million) in 2019 compared to a segment profit of NT\$7,792.5 million in 2018. The segment loss in 2019 was primarily due to decreases in the average selling price of our panels as a result of an oversupply market condition.

#### For the Years Ended December 31, 2018 and 2017

Net revenue from our display business segment decreased 9.8% to NT\$290,784.8 million in 2018 from NT\$322,335.4 million in 2017, primarily due to a decline in average selling price of our panels resulting from an expectation of oversupply of panels.

Our segment profit was NT\$7,792.5 million in 2018 compared to a segment profit of NT\$39,971.4 million in 2017. The decrease in segment profit in 2018 was primarily due to the declining average selling price of our panels that resulted from an expectation of oversupply of panels.

### Energy Business

#### For the Years Ended December 31, 2019 and 2018

Net revenue from our energy business segment decreased 28.0% to NT\$12,124.5 million (US\$405.4 million) in 2019 from NT\$16,849.6 million in 2018. The decrease was primarily due to a downward pricing trend caused by industry oversupply and decreased shipments.



Segment loss decreased to NT\$983.6 million (US\$32.9 million) in 2019 from NT\$1,124.6 million in 2018, primarily due to a favorable change in our product mix and our enhanced cost control in 2019, despite a decline in the selling price of wafers and modules.

### **For the Years Ended December 31, 2018 and 2017**

Net revenue from our energy business segment decreased 9.9% to NT\$16,849.6 million in 2018 from NT\$18,692.9 million in 2017. The decrease was primarily due to a decline in the average selling price caused by oversupply and weaker demand as a result of reductions in applicable governmental subsidies received by our customers.

Segment loss increased to NT\$1,124.6 million in 2018 from NT\$832.3 million in 2017, primarily due to a downward pricing trend.

### **Inflation**

We do not believe that inflation in any of our key markets has had a material impact on our results of operations in 2019. However, we cannot provide assurance that significant variations in the nature, extent or scope of inflation within any of our key markets in the future would not have a material impact on our results of operations.

### **Taxation**

The corporate income tax rate in ROC was 17% in 2017 and increased to 20% from the year 2018 due to the amendments to the ROC Income Tax Law, and our subsidiaries outside ROC are subject to their country's juridical tax rate.

Under regulations promulgated under the ROC Statute for Industrial Innovation, we are eligible to apply a research and development expenditures tax credit ("R&D tax credit") and invest in a brand-new smart machine tax credit ("Investment tax credit"). For the R&D tax credit, we can select either (i) a one-time tax credit up to 15% of our research and development expenditures for that year or (ii) a tax credit of 10% of our research and development expenditures for three consecutive years. For the investment tax credit, we can select either (i) a one-time tax credit up to 5% of qualified machine expenditures for that year or (ii) a tax credit of 3% of qualified machine expenditures for three consecutive years. The maximum qualified machine expenditures cannot exceed NT\$1,000 million. Either of the aforesaid tax credits shall not exceed 30% of our corporate income tax payable for that year. If we apply the R&D tax credit and the Investment tax credit at the same time, the tax credits shall not exceed 50% of our corporate income tax payable for that year.

Pursuant to the ROC Income Basic Tax Act, when a taxpayer's income tax amount is less than the basic tax amount ("BTA"), a taxpayer is required to pay the regular income tax and the difference between the BTA and the regular income tax amount. For enterprises, BTA is determined using regular taxable income plus specific add-back items such as exempt capital gain or loss from securities trading.

## 5.B. Liquidity and Capital Resources

We need cash primarily for technology advancement, capacity expansion and working capital. Although we have historically been able to meet our working capital requirements through cash flow from operations, our ability to upgrade our technology and expand our capacity has largely depended upon, and to a certain extent will continue to depend upon, our financing capability through long-term borrowings, the issuance of convertible and other debt securities and the issuance of equity securities. If adequate funds are not available, whether on satisfactory terms or at all, we may be forced to curtail our growth plans, including technology advancements, new capacity and advanced technology fabs. Our ability to meet our working capital needs from cash flow from operations will be affected by our business conditions, which in turn may be affected by several factors. Many of these factors are outside of our control, such as economic downturns and declines in the selling prices of our products caused by oversupply in the market. The selling prices of our existing product lines are reasonably likely to be subject to further downward pressure in the future if oversupply occurs. To the extent that we do not generate sufficient cash flow from our operations to meet our cash requirements, including technology advancement, capacity expansion, working capital, matured debt repayment and any accelerated debt obligations arising from defaults that are not waived by the relevant creditors, we may need to rely on a combination of additional borrowings, equity or debt securities offerings or other forms of capital financing. Other than as described below in “Item 5. Operating and Financial Review and Prospects—Item 5.E—Off-Balance Sheet Arrangements,” we have not historically relied, and we do not plan to rely in the foreseeable future, on off-balance sheet financing arrangements to finance our operations or expansion.

As of December 31, 2019, we had net current assets of NT\$52,664.4 million (US\$1,760.7 million) as our current assets of NT\$143,200.2 million (US\$4,787.7 million) exceeded our current liabilities of NT\$90,535.8 million (US\$3,027.0 million). We expect to meet our present working capital requirements through cash flow from operations, bank loans and borrowings and by financing activities from capital markets from time to time.

As of December 31, 2019, we had cash and cash equivalents of NT\$80,449.8 million (US\$2,689.7 million). As of December 31, 2019, we had total short-term credit facilities of NT\$39,708.3 million (US\$1,327.6 million), of which we had borrowed NT\$1,725.6 million (US\$57.7 million). All of our short-term facilities are revolving with a term of one year, which may be extended for terms of one year each with lender consent. Our repayment obligations under our short-term loans are unsecured. We believe that our existing credit lines under our short-term loans, together with cash generated from our operations, are sufficient to liquidity needs.

We also entered into reverse repurchase agreements with securities firms or banks in Taiwan covering government bonds for short-term yield enhancement purposes. The terms of these reverse repurchase agreements are typically less than one month. As of December 31, 2017, 2018 and 2019, we held government bonds with reverse repurchase agreements in amounts of NT\$6,710.3 million, NT\$90.0 million and NT\$35.0 million (US\$1.2 million), respectively; and these bonds yielded interest at rates ranging from 0.24% to 0.65%, and at 0.235% and 0.24%, respectively.

As of December 31, 2019, we had outstanding long-term borrowings of approximately NT\$112.2 billion (US\$3.8 billion) and unused credit facilities of NT\$32.3 billion (US\$1.1 billion). The interest rates in respect of these long-term borrowings are variable, and as of December 31, 2019 ranged between 1.00% and 5.43% per year.

*Below is a summary of our major outstanding borrowings and loans. Please also see Note 24 to our consolidated financial statements for further information.*

- In September 2014, we entered into a NT\$25.8 billion five-year syndicated credit facility, for which the Bank of Taiwan acted as the agent bank, for the purpose of repaying existing debts. The agreement for this syndicated facility contains covenants that require us to maintain certain financial ratios. Our obligations under this facility were secured by certain of our building, equipment and machinery. We fully repaid this credit facility in February 2019.

- In May 2015, our subsidiary AU Optronics (Kunshan) Co., Ltd. (“AUKS”) entered into an RMB3,985 million and US\$326 million eight-year syndicated credit facility, for which the Bank of China (Suzhou) acted as the agent bank, for the purpose of funding the construction and purchase of machinery and equipment for our 6-generation LTPS fab in Kunshan, PRC. The agreement for this syndicated facility is guaranteed by AUKS’s shareholders, Kunshan Economic & Technical Development Zone Assets Operation Co., Ltd. and us, in accordance with the shareholding percentages, respectively. Under the guarantee, we are required to maintain certain financial ratios. As of December 31, 2019, RMB5.0 billion (US\$718.2 million) was outstanding under this credit facility.
- In September 2015, we entered into a NT\$37.5 billion five-year syndicated credit facility, for which the Bank of Taiwan acted as the agent bank, for the purpose of funding medium-term working capital and repaying existing debts. The agreement for this syndicated facility contains covenants that require us to maintain certain financial ratios. Our obligations under this facility were secured by certain of our building, equipment and machinery. We fully repaid this credit facility in April 2019.
- In February 2016, our subsidiary AUO Crystal Corp. entered into a NT\$3.0 billion three-year syndicated credit facility, for which First Commercial Bank acted as the agent bank, for the purpose of repaying AUO Crystal Corp.’s existing loan. The agreement for this syndicated facility contains covenants that require AUO Crystal Corp. to maintain certain financial ratios. AUO Crystal Corp. fully repaid this credit facility in January 2019.
- In November 2016, we entered into a NT\$10.0 billion five-year syndicated credit facility, for which the Bank of Taiwan acted as the agent bank, for the purpose of funding purchase of machinery and equipment for 8.5-generation fab expansion. The agreement for this syndicated facility contains covenants that require us to maintain certain financial ratios. Our obligations under this credit facility are secured by certain of our equipment and machinery. As of December 31, 2019, NT\$10.0 billion (US\$334.3 million) was outstanding under this credit facility.
- In July 2017, we entered into a NT\$23.0 billion five-year syndicated credit facility with a right to extend two years of the loan repayment period based on each bank’s consent, for which the Bank of Taiwan acted as the agent bank, for the purpose of funding purchase of machinery and equipment for 8.5-generation fab expansion. The agreement for this syndicated facility contains covenants that require us to maintain certain financial ratios. Our obligations under this credit facility are secured by certain of our equipment and machinery. As of December 31, 2019, NT\$23.0 billion (US\$769.0 million) was outstanding under this credit facility.
- In January 2018, our subsidiary AUO Crystal Corp. entered into a NT\$3.3 billion five-year syndicated credit facility, for which the Bank of Taiwan acted as the agent bank, for the purpose of financing capital expenditure needs. The agreement for this syndicated facility contains covenants that require AUO Crystal Corp. to maintain certain financial ratios. The obligations of AUO Crystal Corp. under this credit facility were secured by certain of building, equipment and machinery. AUO Crystal Corp. fully repaid this credit facility in October 2019.
- In June 2018, we entered into a NT\$42.0 billion five-year syndicated credit facility, for which the Bank of Taiwan acted as the agent bank, for the purpose of repaying existing debts. The agreement for this syndicated facility contains covenants that require us to maintain certain financial ratios. Our obligations under this facility are secured by certain building, equipment and machinery. As of December 31, 2019, NT\$42.0 billion (US\$1,404.2 million) was outstanding under this credit facility.

The carrying amount of our assets pledged as collateral to secure our obligations under our long-term borrowings, including land, building, machinery and equipment was NT\$71.4 billion (US\$2,386.9 million) as of December 31, 2019.

Our long-term loans and facilities contain various financial and other covenants that could trigger a requirement for early payment. Among other things, these covenants require the maintenance of certain financial ratios, such as current ratio, leverage ratio, interest coverage ratio, tangible net worth and other technical requirements. In general, covenants in the agreements governing our existing debt, and debt we may incur in the future, may materially restrict our operations, including our ability to incur debt, pay dividends, make certain investments and payments and encumber or dispose of assets. A default under one debt instrument may also trigger cross-defaults under our other debt instruments. An event of default under any debt instrument, if not cured or waived, could have a material adverse effect on our liquidity, as well as our financial condition and operations. See “Item 3. Key Information—3.D. Risk Factors-Risks Relating to Our Business—We must comply with certain financial and other covenants under the terms of our debt instruments, the failure to comply with which may put us in default under those instruments.”

Our principal sources of funds have been historically from long-term borrowings, the issuance of convertible and other debt securities as well as the issuance of equity securities. We believe that our existing cash, cash equivalents, short-term investments, expected cash flow from operations and borrowings under our existing and future credit facilities should be sufficient to meet our present capital expenditure, working capital, cash obligations under our existing debt and lease arrangements and other requirements. From time to time, we frequently need to raise additional capital for the needs of our business growth, including but not limited to, our investment in new capacity and new technologies to improve our economies of scale, reduce our production costs and enrich our product portfolio. However, we cannot assure you that we will be able to raise additional capital should it become necessary on terms acceptable to us or at all. See “Item 3. Key Information—3.D. Risk Factors—Risks Relating to Our Financial Condition, Business and Industry— If capital resources required for our planned growth or development are not available, we may be unable to successfully implement our business strategy.”

### ***Cash Flows***

Net cash provided by operating activities was NT\$84,363.3 million in 2017, NT\$40,200.7 million in 2018 and NT\$20,730.6 million (US\$693.1 million) in 2019. The declining net cash provided by operating activities from 2017 to 2019 was primarily due to decreased cash collections from our ordinary business as a result of decreased net revenue.

Net cash used in investing activities were NT\$43,667.5 million in 2017, NT\$34,497.8 million in 2018 and NT\$28,112.4 million (US\$939.9 million) in 2019. Net cash used in investing activities primarily reflected capital expenditures for property, plant and equipment of NT\$43,881.7 million in 2017, NT\$34,770.3 million in 2018 and NT\$29,546.6 million (US\$987.9 million) in 2019. These capital expenditures were primarily funded with net cash provided by operating activities and proceeds from long-term bank borrowings.

Net cash used in financing activities was NT\$13,410.4 million in 2017, reflecting primarily in the repayment of long-term borrowings for NT\$47,443.8 million, partially offset by proceeds from long-term borrowings for NT\$34,872.6 million. Net cash used in financing activities was NT\$41,846.7 million in 2018, reflecting primarily in the repayment of long-term borrowings for NT\$28,736.5 million and payment of cash dividends to our shareholders for NT\$14,436.4 million, partially offset by the proceeds from long-term borrowings for NT\$4,271.6 million. Net cash provided by financing activities was NT\$20,742.1 million (US\$693.5 million) in 2019, reflecting primarily in the proceeds from long-term borrowings for NT\$79,880.0 million (US\$2,670.7 million), partially offset by the repayment of long-term borrowings for NT\$53,378.8 million (US\$1,784.6 million) and the payment of cash dividends to our shareholders for NT\$4,812.1 million (US\$160.9 million).

### ***Capital Expenditures***

We have made, and expect to continue to make, capital expenditures in connection with technology advancement and the expansion of our production capacity. For the past three years, substantially all of our capital expenditures were invested in facilities located in Taiwan and the PRC.

We are sometimes required to prepay our purchases of equipment. Prepayments for purchases of equipment result from contractual agreements involving down payments to suppliers when the equipment is ordered by us. As of December 31, 2017, 2018 and 2019, prepayments for purchases of equipment were NT\$27,646.0 million, NT\$6,721.0 million, and NT\$5,022.0 million (US\$167.9 million), respectively.

Our capital expenditures paid in 2019 were approximately NT\$29,546.6 million (US\$987.9 million), primarily for the technology upgrades and payments in the capacity expansion at our 8.5-generation fab in Taiwan. Our capital expenditures in 2020 are expected to be approximately NT\$20.0 billion, which, depending on cash flow generated from our operations, the progress of our planned growth and market conditions, may be adjusted later. Our capital expenditures in 2020 are planned to be used primarily for operational maintenance and technology upgrades.

### **5.C. Research and Development**

Our research and development activities are principally directed toward advancing our technologies in key components, manufacturing processes and product development, with the objective of improving the features of our products and services to bring added value to our customers in addition to design products that meet their specific requirements. We have a product development team dedicated to each of our primary product categories. Each of these teams focuses on the development of our existing and potential new products. In addition, we have several research and development teams to develop new and advanced display technologies, such as curved display, OLED, quantum dot wide color gamut, HDR, bezel-less, touch, 8K4K, Mini LED, Micro LED and other sensor technologies like finger printing. Monetary incentives are provided to our employees if research projects result in successful patents. As of December 31, 2019, we employed approximately 1,756 research and development engineers.

In 2017, we announced and exhibited a series of new developments of advanced display technologies. For example, we enhanced ALCD technology, which can achieve as high as 2000-nit brightness with significantly higher contrast. Its low reflective quality helps to deliver high HDR image quality even in daylight, perfectly capturing both bright and dark image details. By adopting quantum dots high color saturation materials, the display can reveal rich and detailed color depth, with a wide color gamut exceeding NTSC 110% in all environments. We showcased the world's largest 85-inch 8K4K bezel-less ALCD TV display with a 120Hz high refresh rate to deliver smooth motion flow with impressive image quality. We partnered with NVIDIA, an industry leader in visual computing, to jointly develop NVIDIA G-Sync HDR technology, which improves the contrast and enriches the details of gaming display through advanced HDR technology. We also presented the world's first 27-inch gaming monitor panel combining a 144Hz refresh rate and UHD 4K ultra-high resolution and applying advanced HDR technology and Adobe RGB 99% high color saturation. We showcased UHD 4K Ultra Narrow Border LTPS notebook panels that integrate on-cell touch function. This display combines an ultra-high resolution, power-saving function and higher touch sensitivity features to provide a richer user experience with more flexibility. We presented a series of Public Information Display ("PID") Total Solutions, including ultra large 85-inch UHD 4K signage for the outdoors, equipped with 2500-nit ultra-brightness and capability to operate for long periods of time with stability. This also includes stretched type PID from 28.6- to 42-inch that could be installed in semi-outdoor areas; these displays typically function as traffic information displays to provide real-time information and advertisement for passengers. We also presented the 18:9 full screen LTPS in-cell touch panel, including 6-inch full HD LTPS in-cell touch panel that integrates the display driver IC and touch IC to simplify the overall module structure. This product uses a new circuit and display design that enables the bottom module border to decrease by 40% in width, and the left and right module borders to be 0.6 mm wide. The in-cell touch technology enhances touch precision and the 18:9 full screen aspect ratio produces more space to accommodate a virtual HOME button, which together offers a boundless audio-visual experience. In addition, we developed free-form and curved car displays, including the 12.3-inch full HD LTPS display for cluster application with a 1.5mm ultra slim border to streamline the product appearance. The display also integrates high resolution, high color saturation, high contrast and wide viewing angle technologies to high-end car displays. We exhibited AMOLED Smartwatch displays, including the AUO 1.2-inch and 1.4-inch true circle AMOLED displays, which both have resolution as high as 326 ppi and consume 30% less power when compared with other products in the market. The displays are equipped with a brightness increase mode, so that information and color on the watches are still clearly visible when users are out under strong sunlight. The 1.3-inch AMOLED touch panel, possessing touch function and power-saving strength, offers intuitive touch experience and is light to carry, making it especially suitable for children's smartwatch. We also exhibited two flexible AMOLED display applications, applying plastic substrate and special structural layer design to make the panels foldable and rollable.

In 2018, we announced and exhibited a series of new developments in advanced display technologies. For example, we showcased a 85-inch 8K4K bezel-less ALCD TV display, which possesses several industry-leading strengths, including the all-around bezel-less design for maximized viewing effect, achieved by the proprietary use of Gate on Array (“GOA”) technology. We presented the world’s first 65-inch gaming display panel, with a 144Hz refresh rate, UHD 4K resolution, advanced HDR technology and high color saturation. We also presented 27- and 32-inch 144Hz gaming monitor displays adopting direct-lit mini LED backlight, equipped with UHD 4K high resolution and quantum dot wide color gamut and exceptional local dimming effect combined with 1,000 nits ultra-high brightness; the displays boasts HDR images to meet the highest HDR performance level, allowing gamers to capture both bright and dark image details in games. Furthermore, the display’s bezel-less design offers gamers with a more immersive gaming experience. We exhibited the 13.3-inch UHD 4K LTPS notebook PC display, with a pixel density as high as 332 ppi, wide color gamut, and a 2500:1 ultra-high contrast ratio. The border of the notebook is 1.5mm wide, and the display is 1.8mm thick, making this notebook the industry’s slimmest and lightest UHD 4K notebook PC display. We also exhibited the 13.2-inch free-form Center Information Display (“CID”), the world’s first display utilizing the technique of moving gate circuit to the display active area, which can release extra space on the sides for free-form designs. The 13-inch AMOLED display we showcased has world’s highest transparency. With a transparency of up to 68%, the display features 1150x575 resolution and high color saturation. Showing a single-sided image with low reflectance, the display is well suited for future security check and diagnostic devices, and augmented reality applications. In addition, we developed the highest resolution full-color TFT driven micro LED display technology, which won the 2018 SID Best in Show Award. We showcased a 12.1-inch micro LED display with a 169 ppi pixel density and 1920x720 resolution, which was achieved by using micro LEDs less than 30 micrometers in size. Each pixel can be independently lighted to realize high dynamic range and low power consumption. Combining various advanced color conversion technologies, the display is able to yield superior color performance.

In 2019, we announced and exhibited a series of new developments in advanced display technologies, including but not limited to the following:

- 85-inch 8K bezel-less ALCD TV display possesses advanced HDR technology which increases dimming zones up to 1,024 zones and offers peak brightness up to 2,000 nits with a strengthened local dimming effect. We already mass-produced ultra-large 8K4K TV displays, included 85-inch and 75-inch.
- 32-inch UHD 4K gaming display adopts direct-lit mini LED backlight with as many as 1,152 local dimming zones. Its 1,000-nit peak brightness meets the highest VESA Display HDR performance level. The product line also includes a 27-inch UHD 4K gaming display with 576 local dimming zones.
- The world’s largest 15.6-inch LTPS in-cell touch notebook PC panel. The slim and light design with integrated TDDI IC offers the benefits of high resolution, an ultra-narrow border and power-saving.
- Vehicle cockpit display combines a 12.3-inch cluster and a 20-inch CID/front passenger seat panel by direct bonding lamination.
- AUO has introduced a series of advanced reflectionless technology (“A.R.T.”) displays, which can reduce light reflection and glare from ambient lighting and present excellent image quality under complex illumination conditions at the same time. The complete lineup of 75-inch 8K, 32-inch 4K, and 17-inch square 2K displays, incorporated with high resolution, high contrast and color performance, can be nicely implemented at art galleries and other artwork showcasing venues.
- 6-inch full screen optical in-cell fingerprint LTPS LCD is the first of its kind to have installed an optical sensor within the LCD structure. Equipped with AHVA technology, full HD resolution and 403 ppi pixel density, the smartphone panel has a full-screen sensing area, which can sense smoothly and accurately.
- 17.3-inch UHD 4K Ink Jet Printing (“IJP”) OLED display with high pixel density of 255 ppi, which can offer excellent image quality and dynamic motion pictures; it also integrates high brightness, a 120 Hz high refresh rate, and a wide color gamut to deliver rich depth, bright color as well as sharp and smooth details.

- 5.6-inch foldable AMOLED touch panel that can be folded inwards or outwards for customized design according to client requirements. Using a plastic substrate and integrated with AUO’s proprietary flexible touch panel, the foldable AMOLED technology can still present outstanding image quality even at 4mm folding radius and can be continuously folded over 200,000 times, creating infinite possibilities for mobile devices.
- 12.1-inch micro LED cluster display and the 12.1-inch CID display employ LTPS-TFT backplane, which allows each pixel to be lighted independently to realize more refined images with high dynamic range. The display achieves an impressive pixel density of 169 ppi with micro LEDs less than 30 um in size, and advances color conversion technologies with over NTSC 100% wide color gamut.

#### 5.D. Trend Information

For trend information, see “Item 4. Information on the Company—4.B. Business Overview” and “Item 5. Operating and Financial Review and Prospects—5.A. Operating Results.”

#### 5.E. Off-Balance Sheet Arrangements

We have, from time to time, entered into non-derivative financial instruments, including letters of credit, to finance or secure our purchase payment obligations. As of December 31, 2019, we had off-balance sheet outstanding letters of credit of US\$5.8 million and JPY1,951.4 million.

#### 5.F. Tabular Disclosure of Contractual Obligations

The following table sets forth our contractual obligations with definitive payment terms as of December 31, 2019, which will require significant cash outlays in the future.

| <u>Contractual Obligations</u>      | Payments Due by Period |             |               |           |             |
|-------------------------------------|------------------------|-------------|---------------|-----------|-------------|
|                                     | Total                  | Less than 1 | 1-3 years     | 4-5 years | More than 5 |
|                                     | NT\$                   | year        | NT\$          | NT\$      | years       |
|                                     |                        |             | (in millions) |           |             |
| Long-term borrowings <sup>(1)</sup> | 119,185.2              | 12,149.9    | 55,120.6      | 50,630.7  | 1,284.0     |
| Lease obligations <sup>(2)</sup>    | 13,342.3               | 879.5       | 1,464.0       | 1,410.7   | 9,588.1     |
| Purchase obligations <sup>(3)</sup> | 7,639.8                | 7,639.8     | –             | –         | –           |
| Other obligations <sup>(4)</sup>    | 421.8                  | 210.9       | 210.9         | –         | –           |
| Total                               | 140,589.1              | 20,880.1    | 56,795.5      | 52,041.4  | 10,872.1    |

(1) Includes estimated relevant interest payments in any given period in the future. See Note 24 to our consolidated financial statements for further information regarding interest rates.

(2) Primarily represents our obligations to make lease payments to use the land on which our fabs and module assembly facilities are located.

(3) Represents our significant outstanding purchase commitments for the machinery and equipment at our fabs.

(4) Includes certain settlement agreements regarding certain alleged patent infringements with definitive payment terms as of December 31, 2019. See “Item 8. Financial Information—8.A.7. Litigation” for further information.

In addition to the contractual obligations set forth above, we also have continuing obligations to make cash royalty payments under our technology license agreements, the amounts of which are determined based on our use of certain technology and/or patents. Furthermore, pursuant to relevant regulatory requirements, we estimate that we will contribute approximately NT\$100.8 million (US\$3.4 million) to our pension fund maintained with the Bank of Taiwan in 2020.

We have not entered into any financial guarantees or similar commitments to guarantee the payment obligations of non-affiliated third parties. Our long-term loans and lease agreements include provisions that require early payment under certain conditions. The terms of our credit facilities for long-term borrowings also contain financial covenants, including current ratio, leverage ratio, interest coverage ratio, tangible net worth and other technical requirements. Our debt under these facilities may be accelerated if there is a default, including defaults triggered by failure to comply with these financial covenants and other technical requirements. Please refer to “Item 5. Operating and Financial Review and Prospects—5.B. Liquidity and Capital Resources” for further information about our major outstanding borrowings and loans.

### 5.G. Recent Accounting Pronouncement

Please refer to Note 3 to the consolidated financial statements.

## ITEM 6. DIRECTORS, SENIOR MANAGEMENT AND EMPLOYEES

### 6.A. Directors and Senior Management

Members of our board of directors are elected by our shareholders. Our board of directors is composed of nine directors. The chairman of the board of directors is elected by the directors. The chairman of the board of directors presides at all meetings of the board of directors and also has the authority to act as our representative. The term of office for directors is three years.

Pursuant to the ROC Company Act, a person may serve as our director in his or her personal capacity or as the representative of another legal entity. A director who serves as the representative of a legal entity may be removed or replaced at any time at the discretion of that legal entity, and the replacement director may serve the remainder of the term of office of the replaced director. Of our nine current directors, one is the representative of AUO Foundation and one is the representative of BenQ Foundation.

In addition, pursuant to the ROC Securities and Exchange Act, a public company is required to either establish an audit committee or retain supervisors, provided that the FSC may, after considering the scale and business nature of a public company and other essential conditions, require the company to establish an audit committee in place of its supervisors. We replaced our supervisors by establishing an audit committee on June 13, 2007. The audit committee’s duties and powers include, but are not limited to, inspection of corporate records, verification of statements prepared by the board of directors, and giving reports at shareholders’ meetings. Each individual member of our audit committee is authorized to investigate our financial condition, represent us when a director is engaged in a sale, loan or other juristic acts with us for his own account or on behalf of another, call the shareholders meeting if the board of directors fails to do so, and give notification, when appropriate, to the board of directors to cease acting in contravention of applicable law or regulations or our Articles of Incorporation or our shareholder resolutions. Our audit committee is required to be composed of all of our independent directors, who are currently Chin-Bing (Philip) Peng, Mei-Yueh Ho, Yen-Shiang Shih, Yen-Hsueh Su and Jang-Lin (John) Chen.

### Directors

Nine directors, including five independent directors, were elected at the 2019 Annual General Shareholders Meeting. The following table sets forth information regarding all of our directors as of February 29, 2020. The business address of all of our directors is the company’s principal executive office.

| Name                    | Age | Position                             | Term Expires | Years on Our Board | Principal Business Activities Performed Outside Our Company   |
|-------------------------|-----|--------------------------------------|--------------|--------------------|---|
| Shuang-Lang (Paul) Peng | 62  | Chairman and Chief Executive Officer | 2022         | 10                 | <ul style="list-style-type: none"> <li>• Director, Qisda Corporation</li> <li>• Director, Darwin Precisions Corporation</li> </ul>                                      |
| Kuen-Yao (K.Y.) Lee     | 68  | Director                             | 2022         | 24                 | <ul style="list-style-type: none"> <li>• Director, Qisda Corporation</li> <li>• Director, Darfon Electronics Corp.</li> <li>• Director, BenQ Materials Corp.</li> </ul> |



| Name  | Age | Position  | Term Expires | Years on Our Board | Principal Business Activities Performed Outside Our Company   |
|---|-----|---|--------------|--------------------|---|
| Frank Ko<br>(Representative of AUO Foundation)    | 48  | Director, President and Chief Operating Officer | 2022         | 1                  | <ul style="list-style-type: none"> <li>• None</li> </ul>  |
| Peter Chen<br>(Representative of BenQ Foundation) | 59  | Director  | 2022         | 4                  | <ul style="list-style-type: none"> <li>• Chairman and President, Qisda Corp.</li> <li>• Director, Darfon Electronics Corp.</li> <li>• Director, BenQ Materials Corp.</li> <li>• Vice Chairman, Alpha Networks Inc.</li> <li>• Chairman, DFI Inc.</li> <li>• Chairman, BenQ Medical Technology Corporation</li> <li>• Chairman, Partner Tech Corp.</li> </ul>  |
| Chin-Bing (Philip) Peng                           | 67  | Independent Director                            | 2022         | 7                  | <ul style="list-style-type: none"> <li>• Director and President, iD SoftCapital</li> <li>• Director, ACER Incorporated</li> <li>• Director, Wistron NeWeb Corporation</li> <li>• Director, AOPEN Inc.</li> <li>• Director, Wistron Information Technology &amp; Services Corp.</li> <li>• Director, Wistron Corporation</li> <li>• Independent Director and member of Remuneration Committee and Audit Committee, Apacer Technology Inc.</li> </ul>   |
| Mei-Yueh Ho                                       | 70  | Independent Director                            | 2022         | 10                 | <ul style="list-style-type: none"> <li>• Independent Director and member of Remuneration Committee and Audit Committee, Bank of Kaohsiung, Ltd.</li> <li>• Independent Director and member of Remuneration Committee and Audit Committee, KINPO Electronics, Inc.</li> <li>• Independent Director and member of Audit Committee, ASE Technology Holding Co., Ltd.</li> </ul>  |
| Yen-Shiang Shih                                   | 70  | Independent Director                            | 2022         | 4                  | <ul style="list-style-type: none"> <li>• Independent Director and member of Remuneration Committee, Nomination Committee and Audit Committee, CTCI Corporation</li> <li>• Director, Taiwan Research Institute</li> <li>• Director, Taiwan Institute of Economic Research</li> <li>• Chair Professor, Chung Yuan Christian University</li> <li>• Independent Director and member of Remuneration Committee and Audit Committee, Formosa Plastics Corporation</li> <li>• Policy Advisor, Taiwan Electrical and Electronic Manufacturer's Association</li> <li>• Chairman, Sustainable &amp; Circular Economy Development Association</li> </ul> |
| Yen-Hsueh Su                                      | 51  | Independent Director                            | 2022         | 1                  | <ul style="list-style-type: none"> <li>• Independent Director and member of Remuneration Committee and Audit Committee, TXC Corporation</li> <li>• Independent Director and member of Remuneration Committee and Audit Committee, Zhong Yang Technology Co., Ltd</li> <li>• Director, KINSUS Interconnect Technology Corp.</li> </ul>   |

| Name                 | Age | Position             | Term Expires | Years on Our Board | Principal Business Activities Performed Outside Our Company  |
|----------------------|-----|----------------------|--------------|--------------------|--|
| Jang-Lin (John) Chen | 67  | Independent Director | 2022         | 1                  | <ul style="list-style-type: none"> <li>• ITRI Research Fellow, Electronics &amp; Optoelectronics System Research Lab and Industry, Science and Technology International Strategy Center</li> <li>• Executive Supervisor, SID Taipei Chapter</li> <li>• Director, Taiwan Display Material &amp; Devices Association</li> <li>• Vice Chairman of Board, Taiwan Display Union Association</li> <li>• Director, Taiwan TFT LCD Association</li> <li>• Chair Professor, National Chiao-Tung University</li> </ul> |

*Shuang-Lang (Paul) Peng.* Mr. Peng has been our Chairman since May 11, 2015 and our Chief Executive Officer since November 1, 2015. He has been a director with us since 2010. Prior to his current position, Mr. Peng was our President from January 1, 2012 to October 31, 2015, Executive Vice President from 2008 to 2011, Senior Vice President from 2007 to 2008 and Vice President from 1998 to 2007. Prior to joining AUO, Mr. Peng worked as the Manager of the Material and Production Department at BenQ's Malaysia branch. Mr. Peng received his master's degree in Business Administration from Heriot-Watt University in the United Kingdom in 1995.

*Kuen-Yao (K.Y.) Lee.* Mr. Lee has been a director of our company since 1996. He was our Chairman from 1996 to May 10, 2015. Mr. Lee received his bachelor's degree in Electrical Engineering from the National Taiwan University in Taiwan in 1974 and his Master of Business Administration from the International Institute for Management Development in Switzerland in 1990.

*Frank Ko.* Mr. Ko has been a director of our company since 2019. Mr. Ko joined AUO in 2000 and has since then worked in various functions, including manufacturing, research and development. Mr. Ko was appointed Associate Vice President in 2007 and further promoted to Vice President of the TV Display Business Group in 2010. In 2011, Mr. Ko served as Vice President of the Technology and Strategic Development Office, and led the development of our company's technology roadmap and strategic direction. In 2014, he served as Chairman and CEO of E Ink Holdings Inc., focused on new technologies and application development of e-paper, strengthened ecosystem management, and successfully introduced e-paper to diverse and innovative fields of application. Mr. Ko obtained his Ph.D. in Photonics from National Chiao Tung University.

*Peter Chen.* Mr. Chen has been a director of our company since June 2016 and has been the Chairman and President of Qisda Corp. since June 22, 2017 and January 1, 2014, respectively. Mr. Chen is also the Chairman of DFI Inc., BenQ Medical Technology Corporation and Partner Tech Corp., Vice Chairman of Alpha Networks Inc., and Director of Darfon Electronics Corp. and BenQ Materials Corp. In addition, Mr. Chen is the Chairman of the Risk Management Committee in Qisda Corp. Prior to his current position, Mr. Chen was Executive Vice President of the Technology Product Center of BenQ Corp. from September 2007 to December 2013. Mr. Chen received his bachelor's degree in Electrical Engineering from the National Cheng Kung University in Taiwan in 1985 and his EMBA from the Thunderbird American Graduate School in the United States in 2001.

*Chin-Bing (Philip) Peng.* Mr. Peng has been a director of our company since 2013. Mr. Peng is also a director of Acer Incorporated, Wistron Corporation, Wistron NetWeb Corporation, AOPEN Inc., Wistron Information Technology & Services Corporation, an Independent Director of Apacer Technology Inc. and the director and President of iD SoftCapital Inc., which offers consulting and asset and fund management services. Mr. Peng served as the Senior Vice President and Chief Financial Officer of ACER Incorporated from 2001 to 2004. Mr. Peng received his master's degree in Business Administration from National ChengChi University in 1980.

*Mei-Yueh Ho.* Ms. Ho has been our director since 2010. Ms. Ho is also the independent director of the Bank of Kaohsiung, Ltd., Kinpo Electronics Inc. and ASE Technology Holding Co., Ltd. Ms. Ho served as the Minister of the Ministry of Economic Affairs of the ROC from 2004 to 2006. She was also the Council Minister of the Council for Economic Planning and Development of the ROC from 2007 to 2008. Ms. Ho received her bachelor's degree in Agricultural Chemistry from the National Taiwan University in Taiwan in 1973.

*Yen-Shiang Shih.* Dr. Shih has been a director of our company since 2016. Dr. Shih is a Chair Professor of Business Management and Chemistry at Chung Yuan Christian University. Dr. Shih was the Chairman of Sinotech Engineering Consultants Inc. from 2014 to 2016 and served as the Minister of the Ministry of Economic Affairs of the ROC, the Chairman of CPC Corporation, Director General of the Taiwan Tobacco & Wine Bureau, Director General of the Industrial Development Bureau, Director General of the Small and Medium Enterprise Administration and in other posts from 1986 to 2013. Dr. Shih was a professor at National Taiwan University of Science and Technology from 1979 to 1986. Dr. Shih received his bachelor’s degree from National Taiwan University and his Ph.D. from the Massachusetts Institute of Technology in the United States.

*Yen-Hsueh Su.* Ms. Su has been our director since 2019. Ms. Su is also a director of KINSUS Interconnect Technology Corp. and an independent director of TXC Corporation and Zhong Yang Technology Co., Ltd. From 2001 to 2013, Ms. Su was the Managing Director and Head of Asia Technology Hardware Research of UBS and Chief Investment Officer of ASUSTEK Computer Inc. and Pegatron Corporation. Ms. Su received her master’s degree in Industrial Administration from Carnegie Mellon University in the United States.

*Jang-Lin (John) Chen.* Dr. Chen has been a director of our company since 2019. Dr. Chen presently is the Chair Professor of National Chiao-Tung University, a ITRI Research Fellow, Executive Supervisor of SID Taipei Chapter, Director of Taiwan Display Material & Devices Association, Vice Chairman of the Board of Taiwan Display Union Association, and Director of Taiwan TFT LCD Association. Dr. Chen was a ITRI Fellow of Electronics & Optoelectronics System Research Lab, ITRI VP and DTC General Director of Display Technology Center, CTO of Kodak LCD Polarizer Films Business and a Research Fellow of Eastman Kodak Company from 1982 to 2006. Dr. Chen received his master’s degree and Ph.D. in Polymer Material from NYU/Polytechnic University in the United States. Dr. Chen also participated in the Stanford Executive Program of Stanford University, Graduate School of Business.

## Senior Management

The following table sets forth information regarding key executives as of February 29, 2020.

| Name                    | Age | Position                                     | Years with us |
|-------------------------|-----|--|---------------|
| Shuang-Lang (Paul) Peng | 62  | Chairman and Chief Executive Officer         | 24            |
| Frank Ko                | 48  | President and Chief Operating Officer        | 14            |
| Wei-Lung Liao           | 49  | Chief Technology Officer of Technology Group | 22            |
| TY Lin                  | 48  | Vice President of Business Group             | 17            |
| Ting-Li Lin             | 48  | Vice President of Manufacturing Group        | 22            |
| Amy Ku                  | 56  | Chief Sustainability Officer                 | 16            |
| Benjamin Tseng          | 52  | Chief Financial Officer / Spokesperson       | 12            |

*Shuang-Lang (Paul) Peng.* See “—Directors.”

*Frank Ko.* See “—Directors.”

*Wei-Lung Liao.* Mr. Liao has been the Chief Technology Officer of the Technology Group since November 1, 2018. Prior to his current position, Mr. Liao was the General Manager of our Video Solutions Business Group from 2015 to 2018, the Vice President of our Video Solutions Technology Unit from 2013 to October 2015, Associate Vice President of our Video Solution Technology Development Center from 2012 to 2013, Associate Vice President of our Advanced Technology Research Center from 2010 to 2012 and the head of the LCD Technology Division from 2005 to 2010. Mr. Liao also worked in various divisions including Engineering and Manufacturing. Mr. Liao received his bachelor’s and master’s degrees in Applied Chemistry from National Chiao Tung University in Taiwan in 1994 and 1996, respectively, and received his Ph.D. in Applied Chemistry at National Chiao Tung University in Taiwan in 2017.

*TY Lin.* Mr. Lin has been our Vice President of our Business Group since November 1, 2018. Mr. Lin joined AUO in 1998 and had since then worked in various functions including manufacturing and quality management. In 2008, Mr. Lin was appointed Deputy Managing Director of AU Optronics (Suzhou) Corp., in charge of the company's operation and development. In 2009, he was transferred to BenQ Materials Corp., where he was responsible for the polarizer business. From 2010 to 2015, Mr. Lin assumed the position of the President of BenQ Materials Corp. In 2015, he returned to AUO to take the position of Senior Associate Vice President of the Video Solutions Product Business Unit, and then of Solar Business. In 2018, Mr. Lin was promoted to Vice President and led AUO's Mobile Solutions Business Group. Mr. Lin obtained his master's degree in Industrial Engineering from Chung Yuan Christian University in Taiwan.

*Ting-Li Lin.* Mr. Lin is currently Vice President of Manufacturing Group, responsible for global manufacturing affairs. Mr. Lin joined AUO's manufacturing unit in 1998. He was appointed Director of Quality Management in 2008. In 2011, he served as the Director of G8.5 fab plant and was appointed Associate Vice President of Video Solutions Manufacturing in 2016. Mr. Lin was then promoted to Vice President of Video Solutions Manufacturing in 2018. Mr. Lin has extensive operation and management experiences across different generations of fabs, ranging from G3.5, G5, G6, G7.5 to G8.5. Mr. Lin obtained his Master's degree in Applied Chemistry from National Chiao Tung University in Taiwan.

*Amy Ku.* Ms. Ku is currently AUO's Chief Sustainability Officer, responsible for the strategic direction of corporate sustainable development, stakeholder relations and communication, and corporate sustainable culture building and promotion. Ms. Ku joined AUO in 2004 as HR Manager of the Lung Tan Site. She was appointed as the Director of the Corporate HR Strategy Division, and then Associate Vice President of the Executive HR Division. In 2013, she was promoted as the Vice President of Human Resource Center. In 2018, Ms. Ku was appointed as Chief Sustainability Officer of the newly established Sustainability Development Unit. Ms. Ku obtained her master's degree in Human Resource Management from National Central University.

*Benjamin Tseng.* Mr. Tseng has been our Chief Financial Officer since November 1, 2015. Prior to his current position, Mr. Tseng was the Financial Associate Vice President of our Finance Center in China from 2011 to October 2015 and the Director of our Finance Management Division from 2008 to 2011. Prior to joining AUO in 2008, Mr. Tseng served as the Director of Corporate Development at Coretronic Corporation from 2006 to 2008, and as the Vice President in the Corporate Clients Department of ABN AMRO Bank from 1995 to 2006. Mr. Tseng received his bachelor's degree in Business Administration from Huntington College in the United States in 1993, and obtained his master's degree in Business Administration from the University of Rochester in the United States in 1995.

## **6.B. Compensation**

The aggregate compensation paid or payable to the directors and executives for their services rendered in 2019 was approximately NT\$243.2 million (US\$8.1 million). According to our Articles of Incorporation approved by our annual shareholders' meeting in June 2016, which are applicable to the distribution of compensation to our directors for the years after 2015, where we have a profit before tax for each fiscal year, we shall first reserve a certain amount of the profit to recover the loss for preceding years, and then distribute no more than 1% of the remaining profit to our directors as remuneration. In the event that a director serves as a representative of a legal entity, such compensation is paid to the legal entity. See "Item 10. Additional Information—10.B. Memorandum and Articles of Association—Dividends and Distributions."

We have a long-term incentive program based on stock ownership trust that we implement to share the risks and rewards of the company's results of operation with our senior management officers. Each year we evaluate the incentive program based on the company's long-term strategic goals, operational results, market share and annual revenue. In conjunction, we periodically assess the performance of our senior management officers that participate in the long-term incentive program to record their progress and to determine whether corresponding milestones are achieved. In general, the duration of a long-term incentive program is three to four years.

The following tables provide a breakdown of our compensation scheme to our directors and executives in 2019:

## (I) Compensation to Directors

Unit: NT\$1,000; 1,000 shares

| Title                             | Name<br>(Note 1)                | Director's compensation      |   |  |   |   |   |   |   | Ratio of sum of items A, B, C and D to profit (loss) (%)<br>(Note 10) |   | Compensation earned by a Director who is an employee of the Company |   |   |   |   |   |   |   | Ratio of sum of items A, B, C, D, E, F and G to profit (loss) (%)<br>(Note 10) |   | Compensation from investees other than AU Optronics Corp.'s subsidiaries or Parent Company<br>(Note 11) |
|-----------------------------------|---------------------------------|------------------------------|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|
|                                   |                                 | Compensation (A)<br>(Note 3) |   | Pension upon retirement(B)<br>(Note 4) |   | Director's remuneration (C)<br>(Note 5) |   | Business execution Expenses (D)<br>(Note 6) |   |   |   | Salaries, bonuses and special expenses (E)<br>(Note 7)              |   | Pension upon retirement (F)<br>(Note 4) |   | Employee's remuneration (G)<br>(Note 8) |   |   |   |  |   |   |
|                                   |                                 | AU Optronics Corp.           | AU Optronics Corp. and its subsidiaries<br>(Note 9) | AU Optronics Corp.                     | AU Optronics Corp. and its subsidiaries<br>(Note 9) | AU Optronics Corp.                      | AU Optronics Corp. and its subsidiaries<br>(Note 9) | AU Optronics Corp.                          | AU Optronics Corp. and its subsidiaries<br>(Note 9) | AU Optronics Corp.  | AU Optronics Corp. and its subsidiaries<br>(Note 9) | AU Optronics Corp.  | AU Optronics Corp. and its subsidiaries<br>(Note 9) | AU Optronics Corp.                      | AU Optronics Corp. and its subsidiaries<br>(Note 9) | AU Optronics Corp.                      |   | AU Optronics Corp. and its subsidiaries<br>(Note 9) |   | AU Optronics Corp.   | AU Optronics Corp. and its subsidiaries<br>(Note 9) |   |
| Chairman and CEO                  | Shuang-Lang (Paul) Peng         | 6,000                        | 6,000   | -                                      | -   | -                                       | -   | 2,070                                       | 2,120   | (0.04)  | (0.04)  | 42,737  | 42,737  | -                                       | -   | -                                       | - | -   | - | (0.26)   | (0.27)  | 60  |
| Director                          | Kuen-Yao (K.Y.) Lee             | 2,000                        | 2,000   | -                                      | -   | -                                       | -   | 70  | 70  | (0.01)  | (0.01)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.01)   | (0.01)  | 14,859  |
| Corporate Director                | BenQ Foundation                 | 2,000                        | 2,000   | -                                      | -   | -                                       | -   | -   | -   | (0.01)  | (0.01)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.01)   | (0.01)  | 4,933   |
| Corporate Director Representative | Peter Chen                      | -                            | -   | -                                      | -   | -                                       | -   | 70  | 70  | (0.00)  | (0.00)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.00)   | (0.00)  | 27,071  |
| Corporate Director                | AUO Foundation                  | 1,101                        | 1,101   | -                                      | -   | -                                       | -   | -   | -   | (0.01)  | (0.01)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.01)   | (0.01)  | -   |
| Corporate Director Representative | Frank Ko(Note 2)                | -                            | -   | -                                      | -   | -                                       | -   | 10  | 10  | (0.00)  | (0.00)  | 19,856  | 19,856  | 33                                      | 33  | -                                       | - | -   | - | (0.10)   | (0.10)  | -   |
| Corporate Director Representative | Kuo-Hsin (Michael) Tsai(Note 2) | -                            | -   | -                                      | -   | -                                       | -   | 750   | 1,443   | (0.00)  | (0.01)  | 20,564  | 20,564  | 157                                     | 157   | -                                       | - | -   | - | (0.11)   | (0.12)  | 90  |
| Corporate Director                | Qisda Corporation               | 899                          | 899   | -                                      | -   | -                                       | -   | -   | -   | (0.00)  | (0.00)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.00)   | (0.00)  | -   |
| Independent Director              | Chin-Bing (Philip) Peng         | 2,820                        | 2,820   | -                                      | -   | -                                       | -   | 160   | 160   | (0.02)  | (0.02)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.02)   | (0.02)  | -   |
| Independent Director              | Mei-Yueh Ho                     | 2,400                        | 2,400   | -                                      | -   | -                                       | -   | 140   | 140   | (0.01)  | (0.01)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.01)   | (0.01)  | -   |
| Independent Director              | Yen-Shiang Shih                 | 2,510                        | 2,510   | -                                      | -   | -                                       | -   | 150   | 150   | (0.01)  | (0.01)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.01)   | (0.01)  | -   |
| Independent Director              | Yen-Hsueh Su                    | 1,432                        | 1,432   | -                                      | -   | -                                       | -   | 90  | 90  | (0.01)  | (0.01)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.01)   | (0.01)  | -   |
| Independent Director              | Jang-Lin (John) Chen            | 1,322                        | 1,322   | -                                      | -   | -                                       | -   | 80  | 80  | (0.01)  | (0.01)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.01)   | (0.01)  | -   |
| Independent Director              | Vivien Huey-Juan Hsieh          | 1,438                        | 2,088   | -                                      | -   | -                                       | -   | 80  | 100   | (0.01)  | (0.01)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.01)   | (0.01)  | -   |
| Independent Director              | Ding-Yuan Yang                  | 1,278                        | 1,278   | -                                      | -   | -                                       | -   | 90  | 90  | (0.01)  | (0.01)  | -   | -   | -                                       | -   | -                                       | - | -   | - | (0.01)   | (0.01)  | -   |

- Please describe the policy, system, standards and structure of independent directors' remuneration, as well as the connection between the amount of remuneration paid and director's responsibilities, risks, time investment and other factors: the remuneration of the directors of the Company is determined by the board of directors in accordance with the Articles of Incorporation, issued based on the director's participation in the Company's operations and contribution, with reference to both domestic and foreign market standards. If the Company has a profit, the board of directors will determine the amount of directors' remuneration in accordance with the Company's Articles of Incorporation. Independent directors are ex-officio members of the audit committee. In addition to the general remuneration paid to directors, the Company takes into account of each director's individual responsibilities, risks and investment time, and also determines different reasonable remunerations.
- In addition to the information disclosed in the table above, has any Director provided services to AU Optronics Corp. and its subsidiaries and received compensation for such services (e.g. serving as a consultant that is not an employee): None.

## Table of compensation ranges

| Compensation range for each Director in AU Optronics Corp. | Name of Director  |   |   |  |
|--|---|---|---|--|
|  | Sum of the first 4 items (A+B+C+D)  |   | Sum of the first 7 items (A+B+C+D+E+F+G)  |  |
|  | AU Optronics Corp.  | AU Optronics Corp. and its subsidiaries (Note 9)  | AU Optronics Corp.  | Parent Company, AU Optronics Corp. and its subsidiaries and investees (Note 12)            |
| Less than NT\$ 1,000,000                                   | Peter Chen, Frank Ko, Kuo-Hsin (Michael) Tsai, Qisda Corporation                            | Peter Chen, Frank Ko, Qisda Corporation   | Peter Chen, Qisda Corporation   | Qisda Corporation  |
| NT\$ 1,000,000 (inclusive) ~NT\$ 2,000,000                 | AUO Foundation, Yen-Hsueh Su, Jang-Lin (John) Chen, Vivien Huey-Juan Hsieh, Ding-Yuan Yang  | AUO Foundation, Kuo-Hsin (Michael) Tsai, Yen-Hsueh Su, Jang-Lin (John) Chen, Ding-Yuan Yang                         | AUO Foundation, Yen-Hsueh Su, Jang-Lin (John) Chen, Vivien Huey-Juan Hsieh, Ding-Yuan Yang  | AUO Foundation, Yen-Hsueh Su, Jang-Lin (John) Chen, Vivien Huey-Juan Hsieh, Ding-Yuan Yang |
| NT\$ 2,000,000 (inclusive) ~NT\$ 3,500,000                 | Kuen-Yao (K.Y.) Lee, BenQ Foundation, Chin-Bing (Philip) Peng, Mei-Yueh Ho, Yen-Shiang Shih | Kuen-Yao (K.Y.) Lee, BenQ Foundation, Chin-Bing (Philip) Peng, Mei-Yueh Ho, Yen-Shiang Shih, Vivien Huey-Juan Hsieh | Kuen-Yao (K.Y.) Lee, BenQ Foundation, Chin-Bing (Philip) Peng, Mei-Yueh Ho, Yen-Shiang Shih | Chin-Bing (Philip) Peng, Mei-Yueh Ho, Yen-Shiang Shih                                      |
| NT\$ 3,500,000 (inclusive) ~NT\$ 5,000,000                 |   |   |   |  |
| NT\$ 5,000,000 (inclusive) ~NT\$ 10,000,000                | Shuang-Lang (Paul) Peng   | Shuang-Lang (Paul) Peng   |   | BenQ Foundation  |
| NT\$ 10,000,000 (inclusive) ~NT\$ 15,000,000               |   |   |   |  |
| NT\$ 15,000,000 (inclusive) ~NT\$ 30,000,000               |   |   | Frank Ko, Kuo-Hsin (Michael) Tsai   | Kuen-Yao (K.Y.) Lee, Peter Chen, Frank Ko, Kuo-Hsin (Michael) Tsai                         |
| NT\$ 30,000,000 (inclusive) ~NT\$ 50,000,000               |   |   |   |  |
| NT\$ 50,000,000 (inclusive) ~NT\$ 100,000,000              |   |   | Shuang-Lang (Paul) Peng   | Shuang-Lang (Paul) Peng  |
| More than NT\$ 100,000,000                                 |   |   |   |  |
| Total  | 15 Persons (including 3 Corporate Directors)  | 15 Persons (including 3 Corporate Directors)  | 15 Persons (including 3 Corporate Directors)  | 15 Persons (including 3 Corporate Directors)   |

Note 1: On June 14, 2019, the shareholders' general committee was re-elected. Peter Chen and Kuo-Hsin (Michael) Tsai were elected as the Corporate Director Representative of the BenQ Foundation and AUO Foundation; Yen-Hsueh Su and Janglin (John) Chen were elected as Independent Directors; Corporate Director Qisda Corporation and Independent Directors Vivien Huey-Juan Hsieh and Ding-Yuan Yang stepped down.

Note 2: On September 10, 2019, the Corporate Director Representative of the AUO Foundation was reassigned from Kuo-Hsin (Michael) Tsai to Frank Ko.

Note 3: Refers to compensation for Directors in 2019 (including salaries, job allowance, severance pay, bonuses, and performance fees).

Note 4: Refers to pension either allocated or paid out per legal requirements in 2019.

Note 5: Refers to Directors' remunerations in 2019.

Note 6: Refers to Directors' business execution expenses in 2019 (including provisions of compensation, transport fees, special expenses, various subsidies, accommodations, or company vehicles and other physical items for those serving as representatives of Corporate Directors or supervisors designated by AU Optronics Corp. and its subsidiaries).

Note 7: Refers to compensation for Directors who also served as President, Vice President, other managers or employees in 2019 including salaries, job remuneration, severance pay, bonuses, performance fees, transport fees, special expenses, various subsidies, accommodation, company vehicles, and other physical items, etc. Any salary expenses recognized under IFRS 2 Share-Based Payment, including employee stock option plan, employee restricted stock and cash capital increase by stock subscription shall also be included in compensation.

Note 8: Refers to employee's remuneration (including stock and cash) paid to Directors who also served as President, Vice President, other managers, or employees in 2019.

Note 9: Total compensation in various items paid out to AU Optronics Corp.'s Directors.

Note 10: Profit refers to the profit (loss) for the year in the 2019 parent company only financial statements of AU Optronics Corp. under Taiwan IFRS.

Note 11: Refers to compensation, remunerations (including remunerations for employees, Directors, and supervisors), business execution expenses, and other related payments received by Directors who served as Director, supervisor, or manager in investees other than AU Optronics Corp.'s subsidiaries or Parent Company in 2019.

Note 12: Total compensation paid to AU Optronics Corp.'s Directors.

## (II) Compensation for President and Vice presidents

Unit: NT\$1,000; 1,000 shares

| Title                 | Name<br>(Note 1)        | Salary (A)<br>(Note 2) |   | Pension upon retirement(B)<br>(Note 3) |   | Bonuses and special expenses etc (C)<br>(Note 4) |   | Employee's remuneration (D)<br>(Note 5) |       |   |       | Ratio of sum of items A, B, C and D to profit (loss) (%)<br>(Note 7) |   | Compensation from investees other than AU Optronics Corp.'s subsidiaries or Parent Company<br>(Note 8) |
|-----------------------|-------------------------|------------------------|---|--|---|--|---|---|-------|---|-------|--|---|--|
|                       |                         | AU Optronics Corp.     | AU Optronics Corp. and its subsidiaries<br>(Note 6) | AU Optronics Corp.                     | AU Optronics Corp. and its subsidiaries<br>(Note 6) | AU Optronics Corp.                               | AU Optronics Corp. and its subsidiaries<br>(Note 6) | AU Optronics Corp.                      |       | AU Optronics Corp. and its subsidiaries<br>(Note 6) |       | AU Optronics Corp.   | AU Optronics Corp. and its subsidiaries<br>(Note 6) |  |
|                       |                         |                        |   |  |   |  |   | Cash                                    | Stock | Cash  | Stock |  |   |  |
| Chairman and CEO      | Shuang-Lang (Paul) Peng | 66,588                 | 66,588  | 2,140                                  | 2,140   | 132,342  | 135,299   | -                                       | -     | -   | -     | (1.05)   | (1.06)  | 280  |
| President and COO     | Frank Ko                |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Senior Vice President | Wei-Lung Liao           |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | TY Lin                  |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | Ting-Li Lin             |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | TL Tseng                |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | Shih-Hong Liao          |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | Tina Wu                 |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | Andy Yang               |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | CS Hsieh                |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | Benjamin Tseng          |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | Amy Ku                  |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | Hong-Jye Hong           |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | Shih-Kun Chen           |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | James CP Chen           |                        |   |  |   |  |   |   |       |   |       |  |   |  |
| Vice President        | Kevin Young             |                        |   |  |   |  |   |   |       |   |       |  |   |  |

## Table of compensation ranges

| Compensation range for each President and Vice President in AU Optronics Corp. | Name of the President and Vice presidents   |   |
|--|---|---|
|  | AU Optronics Corp.  | Parent Company, AU Optronics Corp. and its subsidiaries and investees (Note 9)                            |
| Less than NT\$ 1,000,000   | Kevin Young   | Kevin Young   |
| NT\$ 1,000,000 (inclusive) ~NT\$ 2,000,000                                     |   |   |
| NT\$ 2,000,000 (inclusive) ~NT\$ 3,500,000                                     |   |   |
| NT\$ 3,500,000 (inclusive) ~NT\$ 5,000,000                                     |   |   |
| NT\$ 5,000,000 (inclusive) ~NT\$ 10,000,000                                    | TL Tseng, Shih-Hong Liao, Tina Wu, Andy Yang, Benjamin Tseng, Hong-Jye Hong, Shih-Kun Chen, James CP Chen | TL Tseng, Shih-Hong Liao, Tina Wu, Andy Yang, Benjamin Tseng, Hong-Jye Hong, Shih-Kun Chen, James CP Chen |
| NT\$ 10,000,000 (inclusive) ~NT\$ 15,000,000                                   | TY Lin, Ting-Li Lin, CS Hsieh, Amy Ku   | TY Lin, Ting-Li Lin, CS Hsieh, Amy Ku   |
| NT\$ 15,000,000 (inclusive) ~NT\$ 30,000,000                                   | Frank Ko, Wei-Lung Liao   | Frank Ko, Wei-Lung Liao   |
| NT\$ 30,000,000 (inclusive) ~NT\$ 50,000,000                                   | Shuang-Lang(Paul) Peng  | Shuang-Lang(Paul) Peng  |
| NT\$ 50,000,000 (inclusive) ~NT\$ 100,000,000                                  |   |   |
| More than NT\$ 100,000,000   |   |   |
| Total  | 16 persons  | 16 persons  |

Note 1: The information in the table refers to 2019 compensation for current managers such as Vice Presidents or above as of the end of 2019.

Note 2: Refers to compensation for managers such as Vice Presidents or above in 2019, including salaries, job allowance and severance pay.

Note 3: Refers to pension either allocated or paid out per legal requirements in 2019.

Note 4: Refers to compensation for managers such as Vice Presidents or above in 2019, including bonuses, fees for serving as the AU Optronics Corp. or its subsidiaries' Corporate Directors or supervisors, performance fees, transport fees, special expenses, various subsidies, accommodation, company vehicles, and other physical items, etc. Any salary expenses recognized under IFRS 2 Share-Based Payment, including employee stock option plan, employee restricted stock and cash capital increase by stock subscription shall also be included in compensation.

Note 5: Refers to remunerations for employee in 2019.

Note 6: Total compensation in various items paid out to AU Optronics Corp.'s managers such as Vice Presidents or above.

Note 7: Profit (loss) refers to the profit (loss) for the year in the 2019 parent company only financial statements of AU Optronics Corp. under Taiwan IFRS.

Note 8: Refers to compensation including compensation, remuneration (including remunerations for employees, Directors, and supervisors), business execution expenses, and other related payments received by managers such as Vice Presidents or above who served as Director, supervisor, or manager in investees other than AU Optronics Corp.'s subsidiaries or Parent Company in 2019.

Note 9: Total compensation paid to managers such as Vice Presidents or above.



(III) The top five executives with the highest remuneration

Unit: NT\$1,000; 1,000 shares

| Title                 | Name<br>(Note 1)        | Salary (A)<br>(Note 3) |   | Pension upon retirement(B)<br>(Note 4) |   | Bonuses and special expenses etc (C)<br>(Note 5) |   | Employee's remuneration (D)<br>(Note 6) |       |   |       | Ratio of sum of items A, B, C and D to profit (loss) (%)<br>(Note 8) |   | Compensation from investees other than AU Optronics Corp.'s subsidiaries or Parent Company<br>(Note 9) |
|-----------------------|-------------------------|------------------------|---|--|---|--|---|---|-------|---|-------|--|---|--|
|                       |                         | AU Optronics Corp.     | AU Optronics Corp. and its subsidiaries<br>(Note 7) | AU Optronics Corp.                     | AU Optronics Corp. and its subsidiaries<br>(Note 7) | AU Optronics Corp.                               | AU Optronics Corp. and its subsidiaries<br>(Note 7) | AU Optronics Corp.                      |       | AU Optronics Corp. and its subsidiaries<br>(Note 7) |       | AU Optronics Corp.   | AU Optronics Corp. and its subsidiaries<br>(Note 7) |  |
|                       |                         |                        |   |  |   |  |   | Cash                                    | Stock | Cash  | Stock |  |   |  |
| Chairman and CEO      | Shuang-Lang (Paul) Peng | 10,012                 | 10,012  | -                                      | -   | 34,725   | 34,775  | -                                       | -     | -   | -     | (0.23)   | (0.23)  | 60   |
| President and COO     | Frank Ko<br>(Note 2)    | 1,850                  | 1,850   | 33                                     | 33  | 18,006   | 18,006  | -                                       | -     | -   | -     | (0.10)   | (0.10)  | -  |
| Senior Vice President | Wei-Lung Liao           | 5,265                  | 5,265   | 203                                    | 203   | 11,290   | 11,290  | -                                       | -     | -   | -     | (0.09)   | (0.09)  | 60   |
| Vice President        | TY Lin                  | 4,384                  | 4,384   | 108                                    | 108   | 8,902  | 9,702   | -                                       | -     | -   | -     | (0.07)   | (0.07)  | 50   |
| Vice President        | Ting-Li Lin             | 4,526                  | 4,526   | 194                                    | 194   | 7,950  | 7,950   | -                                       | -     | -   | -     | (0.07)   | (0.07)  | -  |

Note 1: The information in the table refers to 2019 compensation for current managers such as Vice Presidents or above as of the end of 2019.

Note 2: Appointed on September 10, 2019.

Note 3: Refers to compensation for managers such as Vice Presidents or above in 2019, including salaries, job allowance and severance pay.

Note 4: Refers to pension either allocated or paid out per legal requirements in 2019.

Note 5: Refers to compensation for managers such as Vice Presidents or above in 2019, including bonuses, fees for serving as the AU Optronics Corp. or its subsidiaries' Corporate Directors or supervisors, performance fees, transport fees, special expenses, various subsidies, accommodation, company vehicles, and other physical items, etc. Any salary expenses recognized under IFRS 2 Share-Based Payment, including employee stock option plan, employee restricted stock and cash capital increase by stock subscription shall also be included in compensation.

Note 6: Refers to remunerations for employee in 2019.

Note 7: Total compensation in various items paid out to AU Optronics Corp.'s managers such as Vice Presidents or above.

Note 8: Profit (loss) refers to the profit (loss) for the year in the 2019 parent company only financial statements of AU Optronics Corp. under Taiwan IFRS.

Note 9: Refers to compensation including compensation, remuneration (including remunerations for employees, Directors, and supervisors), business execution expenses, and other related payments received by managers such as Vice Presidents or above who served as Director, supervisor, or manager in investees other than AU Optronics Corp.'s subsidiaries in 2019.

We have a defined benefit pension plan covering our regular employees in the ROC. Retirement benefits are based on years of service and average salaries or wages in the last six months before retirement. We make monthly contributions, at a certain percentage of salaries and wages, to a pension fund that is deposited in the name of, and supervised by, the employees' pension plan committee. Beginning on July 1, 2005, pursuant to the ROC Labor Pension Act, we are required to make a monthly contribution for employees in the ROC that elected to participate in a defined contribution plan at a rate of no less than 6% of the employees' monthly salaries or wages to the employees' individual pension fund accounts at the ROC Bureau of Labor Insurance. The total pension cost for our executives for the year ended December 31, 2019 was NT\$2.6 million (US\$0.09 million). Our directors did not receive any pension as part of their remuneration.

Our company, AU Optronics Corp., currently does not have any stock option plans.

## **6.C. Board Practices**

### **General**

For a discussion of the term of office of the board of directors, see “—6.A. Directors and Senior Management.” No benefits are payable to members of the board upon termination of their relationship with us.

### **Audit Committee**

Our board of directors established an audit committee in August 2002. On June 13, 2007, we replaced our supervisors with an audit committee pursuant to the amended ROC Securities and Exchange Act. The audit committee's duties and powers include, but are not limited to, investigation of our financial condition, inspection of corporate records, verification of statements by the board of directors, giving reports at shareholders' meetings, and giving notification, when appropriate, to the board of directors to cease acting in contravention of applicable law or regulations or our Articles of Incorporation or the resolutions of our shareholders' meeting. Our audit committee is required to be composed of all our independent directors, who are currently Chin-Bing (Philip) Peng, Mei-Yueh Ho, Yen-Shiang Shih, Yen-Hsueh Su and Jang-Lin (John) Chen. Chin-Bing (Philip) Peng and Yen-Hsueh Su are financially literate and have accounting or related financial management expertise. The audit committee meets as often as it deems necessary to carry out its responsibilities. Our board of directors has adopted an Audit Committee Charter for the audit committee.

### **Remuneration Committee**

Our board of directors established a remuneration committee in August 2011. The remuneration committee's duties and powers include, but are not limited to, matters relating to the compensation of the members of our board of directors and senior management. The members of the remuneration committee are appointed by the board of directors. They currently are Yen-Shiang Shih, Yen-Hsueh Su and Ding-Yuan Yang. Two members of our current remuneration committee are our independent directors and the other meet the independence requirements. The remuneration committee must meet at least twice each year and may meet as often as it deems necessary to carry out its responsibilities. Our board of directors has adopted a Remuneration Committee Charter for the remuneration committee.

### **Corporate Governance Committee**

Our board of directors established a corporate governance committee in October 2019. Its duties and powers include but not limited to:

- Establish independent standards required by members of the board of directors, and to seek, review and nominate director candidates with diverse backgrounds such as professional knowledge, technology, experience and gender;
- Construct and develop the organizational structure of the board of directors and committees, to evaluate the performance of the board of directors, committees and directors, and to evaluate the independence of independent directors;
- Develop and regularly review directors' training programs and succession plans; and

- Establish the Company's corporate governance principles.

The members of the corporate governance committee are appointed by the board of directors. Currently, the convener of the committee is our chairman, Shuang-Lang (Paul) Peng, and members of the committee are all of our independent directors. The committee must meet at least once each year and may meet as often as it deems necessary to carry out its responsibilities. Our board of directors has adopted a Corporate Governance Committee Charter for the corporate governance committee.

## 6.D. Employees

### Employees

The following table provides a breakdown of our employees by function as of December 31, 2017, 2018 and 2019.

| Function                      | As of December 31, |               |               |
|-------------------------------|--------------------|---------------|---------------|
|                               | 2017               | 2018          | 2019          |
| Production                    | 43,420             | 38,688        | 32,809        |
| Technical <sup>(1)</sup>      | 9,055              | 8,930         | 8,074         |
| Sales and marketing           | 969                | 1,013         | 1,133         |
| Management and administration | 3,761              | 3,610         | 3,446         |
| <b>Total</b>                  | <b>57,205</b>      | <b>52,241</b> | <b>45,462</b> |

(1) Includes research and development personnel.

The following table provides a breakdown of our employees by geographic location as of December 31, 2017, 2018 and 2019. Please refer to "Item 4. Information on the Company—Item 4.C. Organizational Structure" for information about our subsidiaries incorporated in different geographic locations.

| Location     | As of December 31, |               |               |
|--------------|--------------------|---------------|---------------|
|              | 2017               | 2018          | 2019          |
| Taiwan       | 26,176             | 25,318        | 23,466        |
| PRC          | 28,954             | 24,954        | 20,447        |
| Others       | 2,075              | 1,969         | 1,549         |
| <b>Total</b> | <b>57,205</b>      | <b>52,241</b> | <b>45,462</b> |

Employee salaries are reviewed and adjusted annually. Salaries are reviewed primarily based upon market survey, inflation, individual performance, company profit and its affordable capability. In order to motivate and encourage employees, incentives consisting of a performance bonus and profit sharing are created and granted to employees according to the company's performance.

According to our Articles of Incorporation approved by our annual shareholders' meeting in June 2016, provided that where we have a profit before tax for each fiscal year, we shall first recover the loss for preceding years, if any, and then distribute no less than 5% of the remaining profit to employees as remuneration. Employees are entitled to receive remuneration in the form of stock, cash or a combination of stock and cash to be determined by our board of directors. The amount allocated in shares to employees is determined by valuing the shares at the closing price on the last trading day before the date of the board meeting. In addition, ROC law generally requires that our employees be given a preemptive right to subscribe for between 10% and 15% of any of our share offerings.

The distribution rule of profit sharing to our employees is based upon his/her position, individual performance, job grade and service seniority for that year.

We provide insurance coverage for employees as required by law and offer an employee retirement scheme. For example, each employee is entitled to labor insurance, National Health Insurance, and group insurance starting from his or her first day of work. In addition, we have also established a welfare committee, a pension fund committee and other employee committees and a variety of employee benefit programs.

We do not have any collective bargaining arrangement with our employees. We consider our relations with our employees to be good. We do not employ a significant number of temporary employees.

Some senior executive officers are entitled to certain benefits upon termination under certain conditions, including a severance payment equal to a certain specified number of months of his or her then salary.

## 6.E. Share Ownership

The table below sets forth the information with respect to the beneficial ownership of our common shares for each of our directors and key executives as of February 29, 2020. Share ownership information will include the common shares held by the legal entities represented by our directors and key executives.

| Name  | Number of Shares<br>Beneficially Owned | Percentage of Shares<br>Beneficially Owned |
|---|--|--|
| Shuang-Lang (Paul) Peng, Chairman and Chief Executive Officer | 7,788,531 <sup>(1)</sup>               | *  |
| Kuen-Yao (K.Y.) Lee, Director                                 | 11,727,466 <sup>(2)</sup>              | *  |
| Frank Ko, Director** and President & Chief Operation Officer  | 312,000 <sup>(3)</sup>                 | *  |
| Peter Chen, Director***                                       | 199,267 <sup>(4)</sup>                 | *  |
| Chin-Bing (Philip) Peng, Independent Director                 | 246,670 <sup>(5)</sup>                 | *  |
| Mei-Yueh Ho, Independent Director                             | —                                      | —  |
| Yen-Shiang Shih, Independent Director                         | —                                      | —  |
| Yen-Hsueh Su, Independent Director                            | —                                      | —  |
| Jang-Lin (John) Chen, Independent Director                    | —                                      | —  |
| Wei-Lung Liau, Chief Technology Officer of Technology Group   | 1,895,433                              | *  |
| T.Y. Lin, Vice President of Business Group                    | 383,482 <sup>(6)</sup>                 | *  |
| Ting-Li Lin, Vice President of Manufacturing Group            | 526,414 <sup>(7)</sup>                 | *  |
| Amy Ku, Chief Sustainability Officer                          | 1,509,259                              | *  |
| Benjamin Tseng, Chief Financial Officer and Spokesperson      | 1,386,127 <sup>(8)</sup>               | *  |

\* The number of common shares beneficially held is less than 1% of our total outstanding common shares.

\*\* Representative of AUO Foundation.

\*\*\* Representative of BenQ Foundation.

- (1) Including 6,576,752 shares directly held and 1,211,779 shares beneficially owned through spouse and minor children.
- (2) Including 10,512,153 shares directly held and 1,215,313 shares beneficially owned through spouse and minor children.
- (3) Including 0 shares directly held and 0 shares beneficially owned through spouse and minor children. 312,000 shares beneficially owned as a representative of AUO Foundation.
- (4) Including 0 shares directly held and 99,267 shares beneficially owned through spouse and minor children. 100,000 shares beneficially owned as a representative of BenQ Foundation.
- (5) Including 96,670 shares directly held and 150,000 shares beneficially owned through his company.
- (6) Including 382,959 shares directly held and 523 shares beneficially owned through spouse and minor children.
- (7) Including 526,381 shares directly held and 33 shares beneficially owned through spouse and minor children.
- (8) Including 491,241 shares directly held and 894,886 shares beneficially owned through spouse and minor children.

As of February 29, 2020, none of our directors or key executives held any employee stock options from our company, AU Optronics Corp. None of our directors or key executives has voting rights different from those of other shareholders.

## ITEM 7. MAJOR SHAREHOLDERS AND RELATED PARTY TRANSACTIONS

### 7.A. Major Shareholders

Qisda is one of our major shareholders. As of December 31, 2019, Qisda beneficially owned 6.99% of our outstanding shares.

The following table sets forth information known to us with respect to the beneficial ownership of our shares as of February 29, 2020 or the most recent practicable date, unless otherwise noted, by (1) each shareholder known by us to beneficially own more than 5% of our shares and (2) all directors as a group.

| Name of Beneficial Owner  | Number of Shares Beneficially Owned | Percentage of Shares Beneficially Owned | Percentage of Shares Beneficially Owned (Fully Diluted) |
|---|-------------------------------------|---|---|
| Qisda<br>157, Shan-Ying Road, Gueishan, Taoyuan 333,<br>Taiwan, ROC | 663,598,620 <sup>(1)</sup>          | 6.99%                                   | 6.99%   |
| All directors as a group <sup>(2)</sup>                             | 20,271,337                          | 0.21%                                   | 0.21%   |

(1) As of December 31, 2019, Qisda directly owned 663,598,620 of our common shares, representing approximately 6.99% of the outstanding shares. All 663,598,620 common shares directly owned by Qisda have sole dispositive power.

(2) Calculated as the sum of (a) with respect to directors who are serving in their personal capacity, the number of shares beneficially held by such director and (b) with respect to directors who are serving in the capacity as legal representatives, the number of shares owned by such institutional or corporate shareholder for which such director is a legal representative and the number of shares beneficially held by such director in his or her personal capacity. This information is as of February 29, 2020.

None of our major shareholders has voting rights different from those of our other shareholders. To the best of our knowledge, we are not directly or indirectly owned or controlled by another corporation, any foreign government, or any other natural or legal person, severally or jointly.

We are not currently aware of any arrangement that may at a subsequent date result in a change of control of our company.

As of February 29, 2020, approximately 9,499.2 million of our shares were issued and outstanding. Citibank, N.A. has advised us that, as of February 29, 2020, approximately 43.9 million ADSs representing 439.1 million common shares were held of record by Cede & Co. and 18 other registered shareholders domiciled in and outside of the United States.

### 7.B. Related Party Transactions

We have not extended any loans or credit to any of our directors or executives, and we have not provided guarantees for borrowings by any of these persons. We have not entered into any fee-paying contract with any of these persons for such person to provide services not within such person's capacity as a director or executive of the company.

We have, from time to time, purchased raw materials and components and sold our products to our related parties. We believe that these transactions with related parties have been conducted on arm's-length terms.

The following table sets forth a summary of our material transactions with related parties in 2019. Please also see Note 43 to our consolidated financial statements for further information.

|                       | Net Revenue                     |                 |                 |              | Accounts Receivable |                |             |
|-----------------------|---------------------------------|-----------------|-----------------|--------------|---------------------|----------------|-------------|
|                       | For the Year Ended December 31, |                 |                 |              | As of December 31,  |                |             |
|                       | 2017                            | 2018            | 2019            |              | 2018                | 2019           |             |
|                       | NT\$                            | NT\$            | NT\$            | US\$         | NT\$                | NT\$           | US\$        |
|                       | (in millions)                   |                 |                 |              | (in millions)       |                |             |
| Associates            | 1,216.9                         | 1,898.3         | 1,228.0         | 41.0         | 696.4               | 280.0          | 9.4         |
| Others <sup>(1)</sup> | 11,959.7                        | 12,050.5        | 10,348.0        | 346.0        | 2,057.8             | 1,498.5        | 50.1        |
| <b>Total</b>          | <b>13,176.6</b>                 | <b>13,948.8</b> | <b>11,576.0</b> | <b>387.0</b> | <b>2,754.2</b>      | <b>1,778.5</b> | <b>59.5</b> |

|                       | Net Purchases                   |                 |                 |              | Accounts Payable   |                |              |
|-----------------------|---------------------------------|-----------------|-----------------|--------------|--------------------|----------------|--------------|
|                       | For the Year Ended December 31, |                 |                 |              | As of December 31, |                |              |
|                       | 2017                            | 2018            | 2019            |              | 2018               | 2019           |              |
|                       | NT\$                            | NT\$            | NT\$            | US\$         | NT\$               | NT\$           | US\$         |
|                       | (in millions)                   |                 |                 |              | (in millions)      |                |              |
| Associates            | 8,667.6                         | 9,185.6         | 8,664.4         | 289.7        | 3,664.7            | 2,825.3        | 94.5         |
| Joint Ventures        | 1,057.1                         | 1,449.6         | 1,027.2         | 34.3         | –                  | 72.9           | 2.4          |
| Others <sup>(1)</sup> | 17,549.2                        | 18,589.8        | 17,077.5        | 571.0        | 4,496.5            | 4,052.6        | 135.5        |
| <b>Total</b>          | <b>27,273.9</b>                 | <b>29,225.0</b> | <b>26,769.1</b> | <b>895.0</b> | <b>8,161.2</b>     | <b>6,950.8</b> | <b>232.4</b> |

(1) Entities which are our substantive related parties but not been accounted for using the equity method, mainly Qisda and its subsidiaries.

Our major related party transactions were conducted with the following companies in 2019:

- ***BenQ Corporation (“BenQ”)***

BenQ is a subsidiary of Qisda as of December 31, 2019. We sold panels for monitors to BenQ.

- ***Fargen Power Corporation (“FGPC”)***

FGPC is a subsidiary of SSEC, which is one of our associates, as of December 31, 2019. We sold solar modules to FGPC and undertook construction of power plants for FGPC.

- ***Qisda (Suzhou) Co., Ltd. (“QCSZ”)***

QCSZ is a subsidiary of Qisda as of December 31, 2019. We sold panels for monitors to QCSZ.

- ***BenQ Materials Corp. (“BMC”)***

BMC is a subsidiary of Qisda as of December 31, 2019. We purchased polarizers from BMC.

- ***Qisda Corporation (“Qisda”)***

We directly and indirectly owned 17.56% of Qisda as of December 31, 2019. Qisda provides module-assembly services to us.

- ***Raydium Semiconductor Corporation (“Raydium”)***

We indirectly owned 17.10% of Raydium as of December 31, 2019. We purchased driver ICs from Raydium.

## 7.C. Interests of Experts and Counsel

Not applicable.

## ITEM 8. FINANCIAL INFORMATION

### 8.A. Consolidated Statements and Other Financial Information

- 8.A.1.** See Item 18 for our audited consolidated financial statements and pages F-1 through F-110.
- 8.A.2.** See Item 18 for our audited consolidated financial statements, which cover the last three financial years.
- 8.A.3.** See pages F-1 through F-2 for the audit report of our independent auditors, entitled “Report of Independent Registered Public Accounting Firm.”
- 8.A.4.** Not applicable.
- 8.A.5.** Not applicable.
- 8.A.6.** See “Item 4. Information on the Company—4.B. Business Overview—Customers, Sales and Marketing” for the amount of our export sales.

### 8.A.7. Litigation

#### *Antitrust Civil Actions Lawsuits*

A lawsuit was filed by certain consumers in Israel against certain LCD manufacturers, including us, in the District Court of the Central District in Israel (“Israeli Court”). The defendants contested various issues, including whether the lawsuit was properly served. In March 2016, the Israeli Court issued an order stating that the case may proceed in Israel. We and other defendants appealed the Israeli Court’s decision. The Israeli Court ordered that, except for the appellate proceedings, all the other court proceedings be stayed. The first-level appellate court heard the appeal in December 2016. In December 2016, the Israeli Court overturned the original decision and revoked the permission for this case to be served outside of Israeli jurisdiction. The plaintiffs lodged an appeal to the Israeli Supreme Court, but the Israeli Supreme Court overruled the appeal in August 2017. In January 2018, the parties reached a settlement agreement and agreed to commence the required proceedings for withdrawing the lawsuit. In April 2019, the Central District Court of Israel in Lod approved the settlement. AUO has complied with all the court ordered directives to finalize the settlement, so the settlement is now completed.

In May 2014, LG Electronics Nanjing Display Co., Ltd. and seven of its affiliates filed a lawsuit in Seoul Central District Court against certain LCD manufacturers including AUO, alleging overcharge and claiming damages. We do not believe this lawsuit has merit and have retained counsel to handle this matter. At this stage, the results of this matter remain uncertain, and we continue to review the merits of this lawsuit on an on-going basis.

A lawsuit was filed in June 2018 by the Government of Puerto Rico and on behalf of all consumers and relevant government agencies of Puerto Rico against certain LCD manufacturers. The named defendants for this lawsuit included AUO and AUUS. The lawsuit was filed in the Superior Court of San Juan, Court of First Instance and alleges unjust enrichment and claiming unspecified monetary damages. We have retained counsel to handle this matter. At this stage, the outcome of this matter remains uncertain. We are reviewing the merits of this lawsuit on an ongoing basis, but we are unable to predict the actions of the Government of Puerto Rico or the actions that competent regulatory agencies may take in connection with this proceeding.

We will make certain provisions with respect to some, but not all, civil lawsuits as the management deems appropriate. See Note 45 of our consolidated financial statements for further details. The provisions may ultimately be proven to be under- or over-estimated. We will reassess the adequacy and reasonableness of the said provisions and make adjustments as we deem necessary. Any penalties, fines, damages or settlements made in connection with these legal proceedings and/or lawsuits may have a material adverse effect on our business, results of operations and future prospects.

### ***Other Litigation***

In July 2018, Vista Peak Ventures, LLC (“VPV”) filed three lawsuits in the United States District Court for the Eastern District of Texas against the Company, claiming infringement of certain of VPV’s patents in the United States relating to the manufacturing of TFT-LCD panels. In the complaints, VPV seeks, among other items, unspecified monetary damages for past damages and an injunction against future infringement. On September 27, 2019, the relevant parties reached a settlement agreement, and all pending lawsuits that have been filed by VPV against AUO were dismissed on October 10, 2019.

In addition to the matters described above, we and/or our subsidiaries are also a party to other litigations or proceedings that arise during our or their ordinary course of business. Except as mentioned above, we and/or our subsidiaries are not involved in any material litigation or proceeding which could be expected to have a material adverse effect on our business or results of operations.

### ***Proceedings Related to Our Directors and Senior Management***

None.

### ***Environmental Proceedings***

There have been environmental proceedings relating to the development project of the Central Taiwan Science Park in Houli, Taichung, where our second 8.5-generation fab is located and which has been established since 2010. The proceedings were initiated by six residents in Houli District, Taichung City (the “Plaintiffs”) to object to the administrative dispositions of the environmental assessment and development approval issued in 2010 by the Environmental Protection Administration (“EPA”) of the Executive Yuan of Taiwan to the third-phase development area in the Central Taiwan Science Park (the “Project”). On August 8, 2014, the Plaintiffs reached a settlement with the defendants (i.e., the governmental authorities, including the EPA of the Executive Yuan of Taiwan, the Ministry of Science and Technology (former National Science Council of the ROC Executive Yuan) and the Central Taiwan Science Park Development Office) in the Taipei High Administrative Court). The second-phase environmental impact assessment for the Project continues to proceed. On December 14, 2017, the EPA of the Executive Yuan of Taiwan held the third review meeting of the investigation group. The review meeting reached the conclusion of suggesting approval for the Project. On November 6, 2018, the EPA approved the Project, but on December 6, 2018, five residents in Houli District, Taichung City filed an administrative appeal to the Appeals Review Committee of the Executive Yuan requesting a withdrawal of the approval. The administrative appeal was rejected by the Appeal Review Committee on October 24, 2019 and the residents have proceeded to file an administrative action for invalidating the environmental assessment again, this time against the EPA. We will continue to monitor if there will be any material adverse effect on our operations as the event develops.

### **8.A.8. Dividends and Dividend Policy**

On June 15, 2018, our annual shareholders’ meeting approved the board of directors’ proposal to distribute a cash dividend of NT\$1.5 per share for the year ended December 31, 2017. On June 14, 2019, our annual shareholders’ meeting approved the board of directors’ proposal to distribute a cash dividend of NT\$0.5 per share for the year ended December 31, 2018. On March 20, 2020, our board of directors resolved not to distribute cash dividend for the year ended December 31, 2019.

Our Articles of Incorporation provide that when the retained earnings available for distribution of the current year reaches 2% of our paid-in capital, no less than 20% of the retained earnings available for distribution of the current year shall be distributed as dividends and when the retained earnings available for distribution of the current year does not reach 2% of our paid in capital, we may distribute no dividends and the cash portion of any dividend shall not be less than 10% of the annual dividend. The form, frequency and amount of future dividends will depend upon our earnings, cash flow, financial condition, reinvestment opportunities and other factors.



We are not permitted under the ROC Company Act to distribute dividends or to make any other distributions to shareholders for any fiscal year in which we have no earnings. According to our Articles of Incorporation, where we have a profit before tax for each fiscal year, we shall first recover the loss for preceding years, if any, and then distribute no less than 5% and no more than 1% of the remaining profit to our employees and directors as remuneration, and then pay taxes, and then 10% of the remaining net earnings shall be allocated as our legal reserve unless and until the accumulated legal reserve reaches the paid-in capital; and a certain amount shall be further allocated as special reserve or the special reserve shall be reserved in accordance with applicable laws and regulations or as requested by the competent authority. The balance (if any) together with accumulated and unappropriated retained earnings can be distributed after the distribution plan proposed and approved. Dividend distribution in the form of shares (in whole or in part) shall be approved by the shareholders' meeting. Dividend distribution in the form of cash shall be approved by the Board and a report of such distribution shall be submitted to the shareholders' meeting.

In addition, where the Company incurs no loss, the Company may distribute the portion of legal reserve which exceeds 25% of the Company's paid-in capital and the capital reserves permitted for distribution under the Company Act, in whole or in part, in the form of cash, to the shareholders in proportion to their shareholdings by the resolution adopted by the Board and a report of such distribution shall be submitted to the shareholders' meeting. See "Item 10. Additional Information—10.B. Memorandum and Articles of Association—Dividends and Distribution." For information about ROC taxes on dividends and distributions, see "Item 10. Additional Information—10.E. Taxation—ROC Tax Considerations—Dividends."

The holders of ADSs will be entitled to receive dividends to the same extent as the holders of our shares, subject to the terms of the deposit agreement.

Any cash dividends will be paid to the depositary in NT dollars and, after deduction of any applicable ROC taxes and fees and expenses of the depositary and custodian, except as otherwise provided in the deposit agreement, will be converted by the depositary into U.S. dollars and paid to the holders of ADSs. Whenever the depositary receives any free distribution of shares, including stock dividends, on any ADSs that the holders of ADSs hold, the depositary may, and will if we so instruct, deliver to the holders of ADSs additional ADSs which represent the number of shares received in the free distribution, after deduction of applicable taxes and the fees and expenses of the depositary and the custodian. If additional ADSs are not so delivered, each ADS that the holders of ADSs hold shall represent its proportionate interest in the additional shares distributed.

## **8.B. Significant Changes**

Except as otherwise disclosed in this report, we have not experienced any significant changes since the date of the annual financial statements included herein.

## **ITEM 9. THE OFFER AND LISTING**

### **9.A. Offering and Listing Details**

Our shares have been listed on the Taiwan Stock Exchange since September 8, 2000 under the number "2409." From May 2002 to September 2019, our ADSs were listed on the NYSE under the symbol "AUO" and we voluntarily delisted our ADSs from the NYSE, effective on October 1, 2019. After delisting, we have maintained our ADR program in the United States and our ADSs are still traded on the U.S. over-the-counter market under the symbol "AUOTY."

### **9.B. Plan of Distribution**

Not applicable.

### **9.C. Markets**

The principal trading market for our shares are the Taiwan Stock Exchange and the U.S. over-the-counter market. From May 2002 to September 2019, our ADSs were listed on the NYSE. On September 20, 2019, we filed with the SEC a Form 25 to initiate our delisting from the NYSE. After the delisting became effective on October 1, 2019, our ADSs have been traded in the over-the-counter markets. Although we currently maintain our ADR program in the United States and anticipate our ADSs will continue to be traded in the U.S. over-the-counter market, we intend to file an application for de-registering our securities and permanently terminate our reporting obligations under the Exchange Act upon satisfaction of the necessary deregistration requirements.

### **9.D. Selling Shareholders**

Not applicable.

### **9.E. Dilution**

Not applicable.

### **9.F. Expenses of the Issue**

Not applicable.

## **ITEM 10. ADDITIONAL INFORMATION**

### **10.A. Share Capital**

Not applicable.

### **10.B. Memorandum and Articles of Incorporation**

On June 14, 2019, our shareholders approved the twenty-first amendment to our Articles of Incorporation, a copy of which is filed as Exhibit 1.1 hereto.

*The following statements summarize the material elements of our capital structure and the more important rights and privileges of our shareholders conferred by ROC law and our Articles of Incorporation.*

#### **Objects and Purpose**

The scope of our business as set forth in Article 2 of our Articles of Incorporation includes the research, development, production, manufacture and sale of the following products: plasma display and related systems, liquid crystal display and related systems, organic light emitting diodes and related systems, amorphous silicon photo sensor device parts and components, thin film photo diode sensor device parts and components, thin film transistor photo sensor device parts and components, touch imaging sensors, full color active matrix flat panel displays, field emission displays, single crystal liquid crystal displays, original equipment manufacturing for amorphous silicon thin film transistor process and flat panel display modules, original design manufacturing and original equipment manufacturing business for flat panel display modules, solar cell modules, and related systems and services, new green energy related systems and services (for operations outside the Science Park only), color filters, the simultaneous operation of a trade business relating to our business and the simultaneous operation of metals, refuse derived fuel and chemical products from our manufacturing recycle processes.

#### **Directors**

Our board of directors is elected by our shareholders and is responsible for the management of our business. Our Articles of Incorporation provide that our board of directors is to have between seven to eleven members. Currently, our board of directors is composed of nine directors. The chairman of our board is elected by the directors. The chairman presides at all meetings of our board of directors and also has the authority to represent, sign for, and bind our company. The term of office for our directors is three years.

In addition, pursuant to the ROC Securities and Exchange Act, a public company is required to either establish an audit committee or retain supervisors, provided that the FSC may, after considering the scale, business nature of a public company and other essential conditions, require the company to establish an audit committee in place of its supervisors. We replaced our supervisors by establishing an audit committee on June 13, 2007. The audit committee's duties and powers include, but are not limited to, inspection of corporate records, verification of statements prepared by the board of directors, and giving reports at shareholders' meetings. Each individual member of our audit committee is authorized to investigate our financial condition, represent us when a director is, engaged in a sale, loan or other juristic acts with us for his or her own account or on behalf of another, call the shareholders meeting if the board of directors fails to do so, and give notification, when appropriate, to the board of directors to cease acting in contravention of applicable law or regulations or our Articles of Incorporation or the resolutions of our shareholders' meeting. Our audit committee is required to be composed of all of our independent directors, who are currently Chin-Bing (Philip) Peng, Mei-Yueh Ho, Yen-Shiang Shih, Yen-Hsueh Su and Jang-Lin (John) Chen.

Pursuant to the ROC Company Act, the election of our directors is conducted by means of cumulative voting. The most recent election for all of the directors was held on June 14, 2019. We have adopted a candidate nomination system for the election of directors.

Pursuant to the ROC Company Act, a person may serve as a director in his or her personal capacity or as the representative of another legal entity. A legal entity that owns our shares may be elected as a director, in which case a natural person must be designated to act as the legal entity's representative. In the event several representatives are designated by the same legal entity, any or all of them may be elected. A natural person who serves as the representative of a legal entity as a director may be removed or replaced at any time at the discretion of such legal entity, and the replacement director may serve the remainder of the term of office of the replaced director. Currently, two of our directors are the representatives of the entities as shown in "Item 6. Directors, Senior Management and Employees—6.A. Directors and Senior Management—Directors."

The present members of the board of directors took office on June 14, 2019.

## **Shares**

As of February 29, 2020, our authorized share capital was NT\$120 billion, divided into 12 billion common shares, of which 100 million shares are reserved for the issuance of shares for employee stock options, and 9,624,245,115 common shares were issued (including 125,000,000 treasury stocks).

All shares presently issued, including those underlying our ADSs, are fully paid and in registered form, and existing shareholders are not obligated to contribute additional capital.

## **New Shares and Preemptive Rights**

The issuance of new shares requires the prior approval of our board of directors. If our issuance of any new shares will result in any change in our authorized share capital, we are required under ROC law to amend our Articles of Incorporation, which require approval of our shareholders in a shareholders' meeting. We must also obtain the approval of, or submit a report to, the FSC and the Hsinchu Science Park Administration Bureau, as applicable. Generally, when a company issues capital stock for cash, 10% to 15% of the issue must be offered to its employees. In addition, if a public company intends to offer new shares for cash, at least 10% of the issue must also be offered to the public. This percentage can be increased by a resolution passed at a shareholders' meeting, which will reduce the number of new shares in which existing shareholders may have preemptive rights. Unless the percentage of the shares offered to the public is increased by a resolution, existing shareholders of the company have a preemptive right to acquire the remaining 75% to 80% of the issue in proportion to their existing shareholdings. Nevertheless, the preemptive rights provisions will not apply to offerings of new shares through a private placement approved at a shareholders' meeting.

## **Register of Shareholders and Record Date**

For our shareholders who have opened Taiwan Depository & Clearing Corporation book-entry accounts, our register of such shareholders is maintained by the database of Taiwan Depository & Clearing Corporation. For our shareholders who have not opened Taiwan Depository & Clearing Corporation book-entry accounts, our register of such shareholders is maintained by our share registrar, Taishin International Bank, Stock Affairs Department. The ROC Company Act permits us, by giving advance public notice, to set a record date and close the register of shareholders for a specified period in order to determine the shareholders or pledgees that are entitled to certain rights pertaining to our shares. Under the ROC Company Act, our register of shareholders should be closed for a period of sixty days before each general meeting of shareholders, thirty days before each extraordinary meeting of shareholders and five days before each record date.

## **Transfer of Shares**

Under the ROC Company Act, shares are transferred by endorsement and delivery of the related share certificates. However, settlement of trading of shares of a listed company, such as our company, generally, is carried out on the book entry system maintained by the Taiwan Depository & Clearing Corporation. In addition, transferees must have their names and addresses registered on our register in order to assert shareholders' rights against us. Notwithstanding the foregoing, shareholders are required to file their specimen seals with our share registrar.

## **Shareholders' Meetings**

We are required to hold an annual general shareholders' meeting once every calendar year, generally within six months after the end of each fiscal year. Any shareholder who holds 1% or more of our issued common shares may submit one proposal for discussion at our annual general shareholders' meeting. Our directors may convene an extraordinary shareholders' meeting whenever they think fit, and they must do so if requested in writing by shareholders holding not less than 3% of our issued common shares who have held their shares for more than a year, or shareholders continuously holding 50% or more of the total number of issued shares of a company for a period of three months or a longer time may convene a special shareholders' meeting. In addition, any member of our audit committee may convene a shareholders' meeting under certain circumstances. For a public company in Taiwan, such as our company, at least 15 days' advance written notice must be given of every extraordinary shareholders' meeting and at least 30 days' advance written notice must be given of every annual general shareholders' meeting. Unless otherwise required by law or by our Articles of Incorporation, voting for an ordinary resolution requires an affirmative vote of a simple majority of those present and voting. A special resolution may be adopted in a meeting of shareholders convened with a quorum of holders of at least two-thirds of our total outstanding shares at which the holders of at least a majority of our shares represented at the meeting vote in favor thereof. A special resolution is necessary for various matters under ROC law, including:

- any amendment to our Articles of Incorporation;
- our dissolution or amalgamation;
- a merger or spin-off;
- transfers of the whole or a substantial part of our business or properties;
- the acquisition of the entire business or properties of another company which would have a significant impact on our operations;
- execution, modification or termination of any contracts regarding leasing of all business or joint operations or mandate of our business to other persons;

- the distribution of any stock dividend;
- the removal of directors;
- application for the approval of ceasing status as a public company;
- following capital reserves distributed in the form of new shares;
  1. the income derived from the issuance of new shares at a premium; and
  2. the income from endowments received by the company.
- legal reserve which exceeds 25% of the Company's paid-in capital distributed in the form of new shares; or
- clearing conflicts of interest for Company directors.

However, in the case of a public company such as our company, a special resolution may be adopted by holders of at least two-thirds of the shares represented at a meeting of shareholders at which holders of at least a majority of the total outstanding shares are present.

### **Voting Rights**

According to the ROC Company Act, a holder of our shares has one vote for each share held at shareholders' meetings. However, (i) treasury shares or (ii) our common shares held by an entity in which our company owns more than 50% of the voting shares or paid-in capital, or a "Controlled Entity," or by a third entity in which our company and a Controlled Entity jointly own, directly or indirectly, more than 50% of the voting shares or paid-in capital, cannot be voted. There is cumulative voting for the election of directors. In all other matters, shareholders must cast all their votes the same way on any resolution provided that shareholders holding shares on behalf of others are permitted to split votes when exercising voting rights. Voting rights attached to our common shares may be exercised by personal attendance or proxy through written or electronic ballot.

If any shareholder is represented at a general or extraordinary shareholders' meeting by proxy, a valid proxy form must be delivered to us five days before the commencement of the general or extraordinary shareholders' meeting. Voting rights attached to our shares that are exercised by our shareholders' proxy are subject to ROC proxy regulations. Any shareholder who has a personal interest in a matter to be discussed at our shareholders' meeting, the outcome of which may impair our interests, is not permitted to vote or exercise voting rights nor vote or exercise voting rights on behalf of another shareholder on such matter.

Except for trust enterprises or share transfer agents approved by the FSC, where one person is appointed as proxy by two or more shareholders who together hold more than 3% of our shares, the votes of those shareholders in excess of 3% of our total issued shares will not be counted.

You will not be able to exercise voting rights on the shares underlying your ADSs on an individual basis. For additional information, see "Item 3. Key Information—3.D. Risk Factors—Risk Related to our ADSs and Our Trading Market—ADS holders will not have the same rights as our shareholders, which may affect the value of the ADSs."

## **Dividends and Distributions**

We may distribute dividends in any year in which we have accumulated earnings. Dividends may be distributed either in cash, in the form of shares or as a combination of cash and shares. Our Articles of Incorporation provide that the cash portion of any dividend shall not be less than 10% of the annual dividend. Dividends are paid proportionately to shareholders as listed on the register of shareholders on the relevant record date.

According to our Articles of Incorporation, where we have a profit before tax for each fiscal year, we shall first recover the loss for the preceding years, if any, and then distribute no less than 5% of the remaining profit for distribution to employees as remuneration and no more than 1% of the remaining profit for distribution to directors as remuneration, and then pay taxes, and then 10% of the remaining net earnings shall be allocated as our legal reserve unless and until the accumulated legal reserve reaches the paid-in capital; and a certain amount shall be further allocated as special reserve or the special reserve shall be reserved in accordance with applicable laws and regulations or as requested by the competent authority. The balance (if any) together with accumulated and unappropriated retained earnings can be distributed after the distribution plan proposed and approved. Dividend distribution in the form of shares (in whole or in part) shall be approved by the shareholders' meeting. Dividend distribution in the form of cash shall be approved by the Board and a report of such distribution shall be submitted to the shareholders' meeting.

In addition, where the Company incurs no loss, the Company may distribute the portion of legal reserve which exceeds 25% of the Company's paid-in capital and the capital reserves permitted for distribution under the Company Act, in whole or in part, in the form of cash, to the shareholders in proportion to their shareholdings by the resolution adopted by the Board and a report of such distribution shall be submitted to the shareholders' meeting.

For information on the dividends paid by us in recent years, see "Item 8. Financial Information—8.A.8. Dividends and Dividend Policy." For information as to ROC taxes on dividends and distributions, see "Item 10. Additional Information—10.E. Taxation—ROC Tax Considerations—Dividends."

## **Acquisition of Shares by Our Company**

With limited exceptions under the ROC Company Act, we are not permitted to acquire our shares.

In addition, pursuant to the Securities and Exchange Law, we may, by a board resolution adopted by majority consent at a meeting with two-thirds of our directors present, purchase our shares on the Taiwan Stock Exchange or by a tender offer, in accordance with the procedures prescribed by the FSC, for the following purposes:

- to transfer shares to our employees;
- to facilitate conversion arising from bonds with warrants, preferred shares with warrants, convertible bonds, convertible preferred shares or certificates of warrants (collectively, the "Convertible Securities") issued by our company into shares; and
- if necessary, to maintain our credit and our shareholders' equity; provided that the shares so purchased shall be cancelled thereafter.

Our shares purchased pursuant to the first and the second items above shall be transferred to our employees or holders of Convertible Securities, as the case may be, within five years after the date of such purchase. Our shares purchased pursuant to Item 3 above shall be cancelled within six months after the date of such purchase.

We are not allowed to purchase more than 10% of our total issued shares. In addition, we may not spend more than the aggregate amount of our retained earnings, the premium from issuing stock and the realized portion of the capital surplus to purchase our shares.

We may not pledge or hypothecate any purchased shares. In addition, we may not exercise any shareholders' rights attaching to such shares. In the event that we purchase our shares on the Taiwan Stock Exchange, our affiliates, directors, officers and their respective spouses and minor children and/or nominees are prohibited from selling any of our shares during the period in which we purchase our shares.

According to the ROC Company Act, an entity in which our company directly or indirectly owns more than 50% of the voting shares or paid-in capital, which is referred to as a controlled entity, may not purchase our shares. Also, if our company and a controlled entity jointly own, directly or indirectly, more than 50% of the voting shares or paid-in capital of another entity, which is referred to as a third entity, the third entity may not purchase shares in either our company or a controlled entity.

### **Liquidation Rights**

In the event of our liquidation, the assets remaining after payment of all debts, liquidation expenses, taxes and distributions to holders of preferred shares, if any, will be distributed pro rata to our shareholders in accordance with the ROC Company Act.

### **Rights to Bring Shareholder Suits**

Under the ROC Company Act, a shareholder may bring suit against us in the following events:

- Within 30 days from the date on which a shareholders' resolution is adopted, a shareholder may file a lawsuit to annul a shareholders' resolution if the procedure for convening a shareholders' meeting or the method of resolution violates any law or regulation or our Articles of Incorporation.
- If the substance of a resolution adopted at a shareholders' meeting contradicts any applicable law or regulation or our Articles of Incorporation, a shareholder may bring a suit to determine the validity of such resolution.

Shareholders may bring suit against our directors under the following circumstances:

- Shareholders who have continuously held 1% or more of the total number of issued shares for a period of six months or longer may request in writing that an independent director institute an action against a director on our behalf. In case the independent director fails to institute an action within 30 days after receiving such request, the shareholders may institute an action on our behalf. In the event that shareholders institute an action, a court may, upon motion of the defendant, order such shareholders to furnish appropriate security.
- In the event that any director, officer or shareholder who holds more than 10% of our issued shares and their respective spouses and minor children and/or nominees sells shares within six months after the acquisition of such shares, or repurchases the shares within six months after the sale, we may make a claim for recovery of any profits realized from the sale and purchase. If our board of directors or our audit committee fails to make a claim for recovery, any shareholder may request that our board of directors or our audit committee exercise the right of claim within 30 days. In the event our directors or audit committee fail to exercise such right during such 30-day period, such requesting shareholder will have the right to make a claim for such recovery on our behalf. Our directors and audit committee will be jointly and severally liable for damages suffered by us as a result of their failure to exercise the right of claim.

### **Financial Statements**

Within three months after the end of each fiscal year, we must post our annual audited financial statements under Taiwan IFRS on the website of the Taiwan Stock Exchange, for inspection by our shareholders.

### **Transfer Restrictions**

Our directors, officers and shareholders holding more than 10% of our issued shares and their respective spouses and minor children and/or nominees, which we refer to as insiders, are required to report any changes in their shareholding to us on a monthly basis. No insider is permitted to sell shares on the Taiwan Stock Exchange for six months from the date on which the relevant person becomes an insider. In addition, generally, the number of shares that insiders can sell or transfer on the Taiwan Stock Exchange on a daily basis is limited by ROC law. Furthermore, insiders may sell or transfer our shares on the Taiwan Stock Exchange only after reporting to the FSC at least three days before the transfer, provided that such reporting is not required if the number of shares transferred per day does not exceed 10,000.

## **Other Rights of Shareholders**

Under the ROC Company Act, dissenting shareholders are entitled to appraisal rights in the event of a spin-off, a merger or various other major corporate actions. Dissenting shareholders may request us to redeem their shares at a fair price to be determined by mutual agreement. If no agreement can be reached, the valuation will be determined by court order. Dissenting shareholders may exercise their appraisal rights by notifying us before the related shareholders' meeting or by raising and registering their dissent at the shareholders' meeting.

## **Transfer Agent and Registrar**

The transfer agent and registrar for our shares is Taishin International Bank, Stock Affairs Department, B1, No. 96, Jianguo N. Rd, Sec. 1, Taipei, Taiwan; telephone number: 886-2-2504-8125. The transfer agent and registrar for our ADS is Citibank, N.A., 388 Greenwich Street, 6<sup>th</sup> Floor, New York, New York 10013, USA; telephone number: 1-877-248-4237.

## **10.C. Material Contracts**

Certain material contracts are discussed under Item 4.B and Item 5.B above where relevant.

## **10.D. Exchange Controls**

*We have extracted from publicly available documents the information presented in this section. Please note that citizens of the PRC and entities organized in the PRC are subject to special ROC laws, rules and regulations, which are not discussed in this section.*

The ROC's Foreign Exchange Control Statute and regulations provide that all foreign exchange transactions must be executed by banks designated to handle foreign exchange transactions by the Central Bank of the Republic of China (Taiwan). Current regulations favor trade-related foreign exchange transactions. Consequently, foreign currency earned from exports of merchandise and services may now be retained and used freely by exporters. All foreign currency needed for the importation of merchandise and services may be purchased freely from the designated foreign exchange banks.

Aside from trade-related foreign exchange transactions, Taiwan companies and residents may remit to and from Taiwan foreign currencies of up to US\$50 million and US\$5 million, respectively, each calendar year. A requirement is also imposed on all private enterprises to report all medium- and long-term foreign debt with the Central Bank of the Republic of China (Taiwan).

In addition, a foreign person without an alien resident card or an unrecognized foreign entity may remit to and from Taiwan foreign currencies of up to US\$100,000 per remittance if required documentation is provided to ROC authorities. This limit applies only to remittances involving a conversion between NT dollars and U.S. dollars or other foreign currencies.

## **10.E. Taxation**

### **ROC Tax Considerations**

The following summarizes the principal ROC tax consequences of owning and disposing of ADSs and shares if you are not a resident of the ROC (a "non-ROC resident"). You will be considered a non-ROC resident for the purposes of this section if:

- you are an individual and you are not physically present in the ROC for 183 days or more during any calendar year; or
- you are an entity and you are organized under the laws of a jurisdiction other than the ROC and have no fixed place of business or other permanent establishment or business agent in the ROC. You should consult your own tax advisors concerning the tax consequences of owning ADSs or shares in the ROC and any other relevant taxing jurisdiction to which you are subject.



### ***Dividends***

Dividends, whether in cash or shares, declared by us out of retained earnings and paid out to a holder that is a non-ROC resident in respect of shares represented by ADSs or shares are subject to ROC withholding tax. The current rate of withholding for non-ROC residents is 21% of the amount of the distribution, in the case of cash dividends, or of the par value of the shares distributed, in the case of stock dividends.

### ***Capital Gains***

Starting from January 1, 2016, capital gains realized from sale or disposition of shares (including shares that were withdrawn from depositary receipt facilities) are exempt from ROC income tax under Article 4-1 of the ROC Income Tax Act. Sales of ADSs by non-ROC resident holders (as opposed to sale of our common shares) are not regarded as sales of ROC securities and, as a result, any gains on such transactions are currently not subject to ROC income tax.

### ***Securities Transaction Tax***

The ROC government imposes a securities transaction tax that will apply to sales of shares, but not to sales of ADSs. The transaction tax is payable by the seller for the sale of shares and is equal to 0.3% of the sales proceeds.

### ***Estate and Gift Tax***

Subject to allowable exclusions, deductions and exemptions, any property within the ROC of a deceased individual is subject to the estate tax at progressive tax rates of 10%, 15% and 20%, and any property within the ROC donated by any individual is subject to the gift tax at progressive tax rates of 10%, 15% and 20%. Under ROC estate and gift tax laws, shares issued by ROC companies, such as our shares, are deemed located in the ROC regardless of the location of the holder. It is unclear whether ADSs will be deemed assets located in the ROC for the purpose of ROC gift and estate taxes.

### ***Preemptive Rights***

Distributions of statutory preemptive rights for shares in compliance with the ROC Company Act are not subject to ROC tax. Proceeds derived from sales of statutory preemptive rights evidenced by securities are subject to securities transaction tax. Effective from January 1, 2016, the amended ROC Income Tax Act abolished the ROC income tax on capital gains from sale or disposition of shares. Proceeds derived from sales of statutory preemptive rights that are not evidenced by securities are not subject to securities transaction tax but are subject to income tax at the rate of 20% regardless of whether the non-ROC resident is an individual or an entity.

We have the sole discretion to determine whether statutory preemptive rights are evidenced by securities or not.

### ***Retained Earnings Tax***

Under the ROC Income Tax Act, from 1998 to 2017, if retained earnings of the current year are not distributed by the company in the next fiscal year, an additional retained earnings tax will be levied at the rate of 10% on such retained earnings. Beginning from 2018, the surtax rate for undistributed earnings is 5%.

### ***Tax Treaty***

The ROC does not have an income tax treaty with the United States. The ROC has tax treaties for the avoidance of double taxation with Indonesia, Singapore, South Africa, Australia, the Netherlands, Vietnam, New Zealand, Malaysia, Macedonia, Eswatini, Gambia, the United Kingdom, Senegal, Sweden, Belgium, Denmark, Israel, Paraguay, Hungary, France, India, Slovakia, Switzerland, Germany, Thailand, Kiribati, Luxembourg, Austria, Italy, Japan, Canada and Poland, which may limit the rate of ROC withholding tax on dividends paid with respect to shares. It is unclear whether, if you hold ADSs, you will be considered to hold shares for the purposes of these treaties. Accordingly, if you may otherwise be entitled to the benefits of an income tax treaty, you should consult your tax advisors concerning your eligibility for these benefits with respect to ADSs.

## United States Federal Income Tax Considerations for United States Holders

The following is a discussion of the material U.S. federal income tax consequences of the ownership and disposition of our ADSs or shares to the U.S. Holders described below, but it is not a comprehensive description of all of the tax considerations that may be relevant to a particular person's decision to hold such securities. The discussion set forth below applies only to beneficial owners of our ADSs or shares that are U.S. Holders, hold the ADSs or shares as capital assets for tax purposes and are non-ROC residents as defined under "ROC Tax Considerations." You are a "U.S. Holder" if, for United States federal income tax purposes, you are:

- a citizen or individual resident of the United States;
- a corporation, or other entity taxable as a corporation, created or organized in or under the laws of the United States or any state or the District of Columbia or any political subdivision thereof;
- an estate the income of which is subject to U.S. federal income taxation regardless of its source; or
- a trust, if (1) a U.S. court can exercise primary supervision over the trust's administration and one or more United States persons (within the meaning of the Code, as defined below) are authorized to control all substantial decisions of the trust or (2) the trust has a valid election in effect under applicable U.S. Treasury regulations to be treated as a U.S. person.

This discussion is based on the Internal Revenue Code of 1986, as amended (the "Code"), administrative pronouncements, judicial decisions and final, temporary and proposed Treasury regulations, all as of the date hereof. These laws are subject to change, possibly with retroactive effect. In addition, this summary is based in part on representations by the depositary and assumes that each obligation under the Deposit Agreement and any related agreement will be performed in accordance with its terms. This summary does not contain a detailed description of all the U.S. federal income tax consequences to you in light of your particular circumstances and does not address the effects of any state, local or non-U.S. tax laws (or other U.S. federal tax consequences, such as U.S. federal estate or gift tax consequences). In addition, it does not describe all of the U.S. federal income tax consequences that may be relevant in light of the U.S. Holder's particular circumstances, including alternative minimum tax consequences, the potential application of the provisions of the Code known as the Medicare Contribution Tax and tax consequences applicable to U.S. Holders subject to special rules, such as:

- dealers and traders in securities who use a mark-to-market method of tax accounting;
- certain financial institutions;
- tax-exempt entities, including "individual retirement accounts";
- entities classified as partnerships for U.S. federal income tax purposes;
- persons holding ADSs or shares as part of a hedge, straddle, wash sale, conversion transaction or integrated transaction or persons entering into a constructive sale with respect to the ADSs or shares;
- persons that own or are deemed to own 10% or more of the voting power or value of our stock;
- persons whose functional currency for U.S. federal income tax purposes is not the U.S. dollar;
- persons who acquired ADSs or shares pursuant to the exercise of any employee stock option or otherwise as compensation;
- persons holding ADSs or shares through a partnership or other pass-through entity; or
- persons holding ADSs or shares in connection with a trade or business conducted outside of the United States.

If a partnership (or other entity that is classified as a partnership for U.S. federal income tax purposes) holds our ADSs or shares, the tax treatment of a partner will depend upon the status of the partner and the activities of the partnership. If you are a partner of a partnership holding ADSs or shares, you are urged to consult your tax advisor.

For U.S. federal income tax purposes, the beneficial owner of an ADS will generally be treated as the owner of the shares underlying the ADS. Accordingly, no gain or loss will be recognized if you exchange ADSs for the underlying shares represented by those ADSs.

The U.S. Treasury has expressed concerns that parties to whom American depositary shares are released before delivery of shares to the depository (“pre-release”), or intermediaries in the chain of ownership between holders and the issuer of the security underlying the American depositary shares, may be taking actions that are inconsistent with the claiming of foreign tax credits by the holders of American depositary shares. Such actions would also be inconsistent with the claiming of the preferential rates for dividends received by certain non-corporate U.S. Holders. Accordingly, the creditability of ROC taxes and the availability of the preferential rates applicable to dividends received by certain non-corporate U.S. Holders, each described below, could be affected by actions that may be taken by parties to whom the ADSs are pre-released.

You are urged to consult your tax advisor concerning the particular U.S. federal income tax consequences to you of the ownership and disposition of ADSs or shares, as well as the consequences to you arising under the laws of any other taxing jurisdiction.

This discussion assumes that we were not a passive foreign investment company for our 2019 taxable year, as discussed below.

### ***Taxation of Dividends***

Distributions you receive on your ADSs or shares, other than certain pro rata distributions of shares, including amounts withheld in respect of ROC withholding taxes, will generally be treated as dividend income to you to the extent the distributions are made from our current or accumulated earnings and profits (as determined under U.S. federal income tax principles). Distributions in excess of our current and accumulated earnings and profits will be treated first as a tax-free return of capital to the extent of your tax basis in your ADSs or shares and then as capital gain. Because we do not maintain calculations of our earnings and profits under U.S. federal income tax principles, we expect that distributions will generally be reported to U.S. Holders as dividends. The amount of a dividend will include any amounts withheld by us or our paying agent in respect of ROC taxes. The amount will be treated as foreign source dividend income to you and will not be eligible for the dividends-received deduction generally allowed to U.S. corporations under the Code.

Subject to applicable limitations that may vary depending upon a U.S. Holder’s individual circumstances and the concerns expressed by the U.S. Treasury described above, dividends paid to certain non-corporate U.S. Holders will be taxable at the preferential rates applicable to long-term capital gain if the dividends constitute qualified dividend income. Dividends will constitute qualified dividend income if the stock or ADSs with respect to which such dividends are paid is readily tradable on an established securities market in the United States, such as the NYSE, where our ADSs were traded until they were delisted, and we are not a passive foreign investment company in the year the dividend is paid (and were not in the prior year). We do not believe we were not a passive foreign investment company for our 2019 taxable year, as discussed below under “Passive Foreign Investment Company Rules.” Even if dividends on the ADSs or shares otherwise were eligible for qualified dividend income treatment, individual U.S. Holders nevertheless were eligible for the preferential rates (a) if they do not hold our ADSs or shares for at least 61 days of the 121-day period beginning on the date which is 60 days before the ex-dividend date or (b) to the extent they were under an obligation to make related payments with respect to positions in substantially similar or related property. If you are a non-corporate U.S. Holder you should consult your tax adviser to determine whether the favorable rate applied to dividends you received and whether you were subject to any special rules that limited your ability to be taxed at this favorable rate. Following the delisting of our ADSs from the NYSE, we may not be a qualified foreign corporation and therefore any dividends paid may not be eligible for the favorable tax rate described above.

Dividends paid in NT dollars will be included in your income in a U.S. dollar amount calculated by reference to the exchange rate in effect on the date of your (or, in the case of ADSs, the depository's) receipt of the dividend, regardless of whether the payment is in fact converted into U.S. dollars. If the dividend is converted into U.S. dollars on the date of receipt, you generally should not be required to recognize foreign currency gain or loss in respect of the dividend income. You may have foreign currency gain or loss, which will be U.S. source, if you convert the amount of such dividend into U.S. dollars after the date of receipt.

Subject to limitations that may vary depending upon your circumstances and the concerns expressed by the U.S. Treasury described above, you may be entitled to a credit against your U.S. federal income taxes for the amount of ROC income taxes that are withheld from dividend distributions made to you. The limitation on foreign taxes eligible for credit is calculated separately with respect to specific classes of income. The rules governing the foreign tax credit are complex. We therefore urge you to consult your own tax advisor regarding the availability of the foreign tax credit in your particular circumstances. Instead of claiming a credit, you may, at your election, deduct foreign taxes, including otherwise creditable ROC taxes, in computing your taxable income, subject to generally applicable limitations. An election to deduct foreign taxes instead of claiming foreign tax credits applies to all taxes paid or accrued in the taxable year.

It is possible that pro rata distributions of shares to all shareholders may be made in a manner that is not subject to U.S. federal income tax, but is subject to ROC withholding tax as discussed above under "ROC Tax Considerations—Dividends." Such distribution will not give rise to U.S. federal income tax against which the ROC withholding tax imposed on these distributions may be credited. U.S. Holders should consult their tax advisors with respect to the creditability of any such ROC tax. The basis of any new ADSs or shares you receive as a result of a pro rata distribution of shares by us will be determined by allocating your basis in the old ADSs or shares with respect to which the new shares were distributed between the old ADSs or shares and the new ADSs or shares received, based on their relative fair market values on the date of distribution.

### ***Taxation of Capital Gains***

For U.S. federal income tax purposes, when you sell or otherwise dispose of your ADSs or shares, you will recognize U.S. source capital gain or loss in an amount equal to the difference between the U.S. dollar value of the amount realized for the ADSs or shares and your adjusted tax basis in the ADSs or shares, determined in U.S. dollars. Any such gain or loss will be long-term capital gain or loss if you held the ADSs or shares for more than one year. U.S. Holders should consult their own tax advisors regarding the U.S. federal income tax treatment of capital gains, which may be taxed at lower rates than ordinary income for individuals and certain other non-corporate U.S. Holders, and capital losses, the deductibility of which is subject to limitations.

If you receive non-U.S. currency when you sell your ADSs or shares, gain or loss, if any, recognized on the subsequent sale, conversion or disposition of such non-U.S. currency will be ordinary income or loss, and will generally be U.S. source income or loss.

### ***Passive Foreign Investment Company Rules***

A non-U.S. corporation will be a "passive foreign investment company," or PFIC, for any taxable year in which either (i) 75% or more of its gross income consists of "passive income," or (ii) 50% or more of the average quarterly value of its assets consist of assets that produce, or are held for the production of, "passive income." For this purpose, subject to certain exceptions, passive income includes interest, dividends, rents, and certain gains from transactions. Cash is a passive asset for these purposes. A non-U.S. corporation will be treated as owning its proportionate share of the assets and earning its proportionate share of the income of any other corporation in which it owns, directly or indirectly, more than 25% (by value) of the stock.

We do not believe that we were a PFIC for U.S. federal income tax purposes for our 2019 taxable year. However, since PFIC status depends upon the composition of a company's income and assets and the market value of its assets (including, among others, goodwill) from time to time, there can be no assurance that we will not be a PFIC for any taxable year. If we were a PFIC for any taxable year during which you held ADSs or shares, certain adverse tax consequences could apply to you. Additionally, we generally would continue to be treated as a PFIC with respect to you for all succeeding years during which you hold the ADSs or shares, even if we ceased to meet the threshold requirements for PFIC status.

If we were a PFIC for any taxable year during which you held ADSs or shares, gain recognized by you on a sale or other disposition (including certain pledges) of ADSs or shares would be allocated ratably over your holding period for the ADSs or shares. The amounts allocated to the taxable year of the sale or other disposition and to any year before we became a PFIC would be taxed as ordinary income. The amount allocated to each other taxable year would be subject to tax at the highest rate in effect for individuals or corporations, as appropriate, for such taxable year, and an interest charge would be imposed on the amount allocated to such taxable year. Further, to the extent that any distribution received by you on your ADSs or shares exceeds 125% of the average of the annual distributions on ADSs or shares received by you during the preceding three years or your holding period, whichever is shorter, that distribution would be subject to taxation in the same manner as gain, described immediately above. Certain elections may be available that would result in alternative treatments of the ADSs or shares. You should consult your tax advisor to determine whether any of these elections would be available and, if so, what the consequences of the alternative treatments would be in your particular circumstances.

In addition, if we were a PFIC with respect to a particular U.S. Holder for the taxable year in which we pay a dividend or the prior taxable year, the preferential rates discussed above with respect to dividends paid to certain non-corporate U.S. Holders would not apply.

If we are a PFIC for any taxable year during which you own our shares or ADSs, you will generally be required to file IRS Form 8621 with your annual U.S. federal income tax return, subject to certain exceptions.

### ***Information Reporting and Backup Withholding***

Payments of dividends and sales proceeds that are made within the United States or through certain U.S.-related financial intermediaries generally are subject to information reporting, and may be subject to backup withholding unless (i) you are an exempt recipient or (ii) in the case of backup withholding, you provide a correct taxpayer identification number and certify that you are not subject to backup withholding.

The amount of any backup withholding from a payment to you will be allowed as a credit against your U.S. federal income tax liability and may entitle you to a refund, provided that the required information is timely furnished to the Internal Revenue Service.

Certain U.S. Holders who are individuals or entities closely held by individuals may be required to report information relating to securities of non-U.S. companies, or accounts through which they are held, subject to certain exceptions (including an exception for securities held in accounts maintained by U.S. financial institutions). U.S. Holders should consult their tax advisors regarding the effect, if any, of these rules on their ownership or disposition of shares or ADSs.

### **10.F. Dividends and Paying Agents**

Not applicable.

### **10.G. Statement by Experts**

Not applicable.

### **10.H. Documents on Display**

It is possible to read and copy documents referred to in this annual report that have been filed with the SEC at the SEC's public reference rooms in Washington, D.C., New York and Chicago, Illinois. Please call the SEC at 1-800-SEC-0330 for further information on the reference rooms. The SEC also maintains a website at [www.sec.gov](http://www.sec.gov), which contains, in electronic form, each of the reports and other information that we have filed electronically with the SEC. Information about AU Optronics Corp. is also available on the web at [www.auo.com](http://www.auo.com).

### **10.I. Subsidiary Information**

Not applicable.

## ITEM 11. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

### Market Risk

Market risk is the risk of loss related to adverse changes in market prices, including interest rates and foreign exchange rates, of financial instruments. We are exposed to various types of market risks, including changes in interest rates and foreign currency exchange rates, in the ordinary course of business.

We use financial instruments, including variable rate debt and swap and foreign currency forward contracts, to finance our operations and to manage risks associated with our interest rate and foreign currency exposures, through a controlled program of risk management in accordance with established policies. We have used, and intend to continue to use, derivative financial instruments only for hedging purposes. These policies are reviewed and approved by our board of directors. Our treasury operations are subject to the review of our internal audit department, and this review is submitted to our audit committee on a quarterly basis.

As of December 31, 2019, we had U.S. dollar- and Japanese yen-denominated savings and checking accounts of US\$439.2 million and JPY22,922.8 million (US\$210.9 million), respectively. We also had certificates of deposit denominated in U.S. dollars and Renminbi in the amount of US\$384.2 million and RMB2,004.5 million (US\$287.9 million), respectively. Since export sales are primarily conducted in U.S. dollars, we had U.S. dollar-denominated accounts receivable of US\$948.5 million as of December 31, 2019, which represents 89.1% of the total accounts receivable balance at that date. In addition, we had U.S. dollar- and Japanese yen-denominated accounts payable of US\$1,225.6 million and JPY22,280.6 million (US\$205.0 million), respectively, relating to our overseas vendors.

As of December 31, 2018, we had U.S. dollar- and Japanese yen-denominated savings and checking accounts of US\$219.5 million and JPY12,640.0 million, respectively. We also had certificates of deposit denominated in U.S. dollars and Renminbi in the amount of US\$620.2 million and RMB2,556.2 million, respectively. Since export sales are primarily conducted in U.S. dollars, we had U.S. dollar-denominated accounts receivable of US\$1,455.8 million as of December 31, 2018, which represents 94.6% of the total accounts receivable balance at that date. In addition, we had U.S. dollar- and Japanese yen-denominated accounts payable of US\$1,373.6 million and JPY25,471.1 million, respectively, relating to our overseas vendors.

Our primary market risk exposures relate to interest rate movements on long-term borrowings and exchange rate movements on foreign currency-denominated cash and cash equivalents, accounts receivable, borrowings and accounts payable. The fair value of forward exchange contracts has been determined by our internal evaluation model, and the fair value of interest rate swaps has been determined by obtaining from our bankers the estimated amount that would be received/(paid) to terminate the contracts.

### *Interest Rate Risk*

Our exposure to market risk for changes in interest rates relates primarily to our long-term debt obligations. We incur debt obligations primarily to support general corporate purposes, including capital expenditures and working capital needs.

The tables set forth below provide information about our derivative financial instruments and other financial instruments that are sensitive to changes in interest rates, including debt obligations and certain assets that are held by us as of December 31, 2018 and 2019, respectively. For debt obligations, the tables set forth principal cash flows and related weighted average interest rates by expected maturity date.

|                                 | Expected Maturity Date |            |            |            |            |            | Total       | Fair Value at |      |
|---------------------------------|------------------------|------------|------------|------------|------------|------------|-------------|---------------|------|
|                                 | 2020                   | 2021       | 2022       | 2023       | 2024       | Thereafter |             | December 31,  |      |
|                                 | (in thousands)         |            |            |            |            |            |             |               | 2019 |
| <b>Assets</b>                   |                        |            |            |            |            |            |             |               |      |
| <b>Certificates of Deposit:</b> |                        |            |            |            |            |            |             |               |      |
| Fixed rate (US\$)               | 384,150                | —          | —          | —          | —          | —          | 384,150     | 384,150       |      |
| Average interest rate           | 2.228%                 | —          | —          | —          | —          | —          | 2.228%      | —             |      |
| Fixed rate (NT\$)               | 13,904,500             | —          | —          | —          | —          | —          | 13,904,500  | 13,904,500    |      |
| Average interest rate           | 0.598%                 | —          | —          | —          | —          | —          | 0.598%      | —             |      |
| Fixed rate (CNY)                | 2,004,480              | —          | —          | —          | —          | —          | 2,004,480   | 2,004,480     |      |
| Average interest rate           | 1.850%                 | —          | —          | —          | —          | —          | 1.850%      | —             |      |
| <b>Long-term Loans:</b>         |                        |            |            |            |            |            |             |               |      |
| Variable rate (NT\$)            | 9,535,198              | 19,998,573 | 31,528,650 | 30,639,220 | 19,264,013 | 1,257,414  | 112,223,068 | 112,223,068   |      |
| Average interest rate           | 3.389%                 | 3.100%     | 2.907%     | 2.044%     | 1.863%     | 1.769%     | 2.345%      | —             |      |

|                                 | Expected Maturity Date |            |            |           |           |            | Total      | Fair Value at |      |
|---------------------------------|------------------------|------------|------------|-----------|-----------|------------|------------|---------------|------|
|                                 | 2019                   | 2020       | 2021       | 2022      | 2023      | Thereafter |            | December 31,  |      |
|                                 | (in thousands)         |            |            |           |           |            |            |               | 2018 |
| <b>Assets</b>                   |                        |            |            |           |           |            |            |               |      |
| <b>Certificates of Deposit:</b> |                        |            |            |           |           |            |            |               |      |
| Fixed rate (US\$)               | 620,218                | —          | —          | —         | —         | —          | 620,218    | 620,218       |      |
| Average interest rate           | 2.956%                 | —          | —          | —         | —         | —          | 2.956%     | —             |      |
| Fixed rate (NT\$)               | 8,244,750              | —          | —          | —         | —         | —          | 8,244,750  | 8,244,750     |      |
| Average interest rate           | 0.517%                 | —          | —          | —         | —         | —          | 0.517%     | —             |      |
| Fixed rate (CNY)                | 2,556,150              | —          | —          | —         | —         | —          | 2,556,150  | 2,556,150     |      |
| Average interest rate           | 1.856%                 | —          | —          | —         | —         | —          | 1.856%     | —             |      |
| Fixed rate (CZK)                | 110,000                | —          | —          | —         | —         | —          | 110,000    | 110,000       |      |
| Average interest rate           | 0.650%                 | —          | —          | —         | —         | —          | 0.650%     | —             |      |
| <b>Long-term Loans:</b>         |                        |            |            |           |           |            |            |               |      |
| Variable rate (NT\$)            | 29,595,931             | 21,073,695 | 22,172,748 | 7,643,961 | 6,014,098 | 281,655    | 86,782,088 | 86,782,088    |      |
| Average interest rate           | 3.096%                 | 3.429%     | 3.791%     | 3.497%    | 5.076%    | 1.876%     | 2.429%     | —             |      |

### **Foreign Currency Risk**

The primary foreign currencies to which we are exposed are the Japanese yen, the U.S. dollar and the Renminbi. We enter into short-term foreign currency forward contracts to hedge the impact of foreign currency fluctuations on certain underlying assets, liabilities, and firm commitments for the purchase of raw materials and components and capital expenditures denominated in U.S. dollars, Japanese Yen and Renminbi. The purpose of entering into these hedges is to minimize the impact of foreign currency fluctuations on the results of operations. Gains and losses on foreign currency contracts and foreign currency denominated assets and liabilities are accrued in the period of the exchange rate changes on a monthly basis. The terms of the contracts are typically less than one year.

The tables below set forth our outstanding foreign currency forward contracts as of December 31, 2018 and 2019:

|  | <b>December 31, 2019</b> |
|--|--------------------------|
|  | <b>(in thousands)</b>    |
| Contracts to sell EUR/Buy JPY                      |                          |
| Aggregate contract amount                          | EUR23,000                |
| Average contractual exchange rate                  | JPY121.23 per EUR        |
| Contracts to sell US\$/Buy JPY                     |                          |
| Aggregate contract amount                          | US\$47,292               |
| Average contractual exchange rate                  | JPY108.91 per US\$       |
| Contracts to sell US\$/Buy CNY                     |                          |
| Aggregate contract amount                          | US\$61,500               |
| Average contractual exchange rate                  | CNY7.04 per US\$         |
| Contracts to sell US\$/Buy MYR                     |                          |
| Aggregate contract amount                          | US\$703                  |
| Average contractual exchange rate                  | MYR4.13 per US\$         |
| Contracts to sell US\$/Buy NT\$                    |                          |
| Aggregate contract amount                          | US\$176,600              |
| Average contractual exchange rate                  | NT\$30.12 per US\$       |
| Contracts to sell US\$/Buy SGD                     |                          |
| Aggregate contract amount                          | US\$39,276               |
| Average contractual exchange rate                  | SGD1.36 per US\$         |
| Contracts to sell CNY/Buy US\$                     |                          |
| Aggregate contract amount                          | CNY1,935,305             |
| Average contractual exchange rate                  | US\$0.14 per CNY         |
| Contracts to sell HKD/Buy US\$                     |                          |
| Aggregate contract amount                          | HKD60,177                |
| Average contractual exchange rate                  | US\$0.13 per HKD         |
| Fair value of all forward contracts <sup>(1)</sup> | NT\$23,956               |

(1) Fair value represents the amount of the receivable from or payable to the counterparties if the contracts were terminated on the reporting date.



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**December 31, 2018****(in thousands)**

|  |                    |
|--|--------------------|
| Contracts to sell EUR/Buy JPY                      |                    |
| Aggregate contract amount                          | EUR12,000          |
| Average contractual exchange rate                  | JPY128.02 per EUR  |
| Contracts to sell EUR/Buy CZK                      |                    |
| Aggregate contract amount                          | EUR3,240           |
| Average contractual exchange rate                  | CZK25.95 per EUR   |
| Contracts to sell US\$/Buy JPY                     |                    |
| Aggregate contract amount                          | US\$147,470        |
| Average contractual exchange rate                  | JPY111.84 per US\$ |
| Contracts to sell US\$/Buy CNY                     |                    |
| Aggregate contract amount                          | US\$87,000         |
| Average contractual exchange rate                  | CNY6.87 per US\$   |
| Contracts to sell US\$/Buy MYR                     |                    |
| Aggregate contract amount                          | US\$879            |
| Average contractual exchange rate                  | MYR4.18 per US\$   |
| Contracts to sell US\$/Buy NT\$                    |                    |
| Aggregate contract amount                          | US\$223,000        |
| Average contractual exchange rate                  | NT\$30.76 per US\$ |
| Contracts to sell US\$/Buy SGD                     |                    |
| Aggregate contract amount                          | US\$5,793          |
| Average contractual exchange rate                  | SGD1.37 per US\$   |
| Contracts to sell NT\$/Buy JPY                     |                    |
| Aggregate contract amount                          | NT\$2,054,260      |
| Average contractual exchange rate                  | JPY3.60 per NT\$   |
| Contracts to sell CNY/Buy JPY                      |                    |
| Aggregate contract amount                          | CNY60,800          |
| Average contractual exchange rate                  | JPY16.14 per CNY   |
| Contracts to sell EUR/Buy US\$                     |                    |
| Aggregate contract amount                          | EUR28,500          |
| Average contractual exchange rate                  | US\$1.14 per EUR   |
| Contracts to sell CNY/Buy US\$                     |                    |
| Aggregate contract amount                          | CNY853,328         |
| Average contractual exchange rate                  | US\$0.15 per CNY   |
| Fair value of all forward contracts <sup>(1)</sup> | NT\$47,959         |

(1) Fair value represents the amount of the receivable from or payable to the counterparties if the contracts were terminated on the reporting date.

## ITEM 12. DESCRIPTION OF SECURITIES OTHER THAN EQUITY SECURITIES

### 12.A. Debt Securities

Not applicable.

### 12.B. Warrants and Rights

Not applicable.

### 12.C. Other Securities

Not applicable.

### 12.D. American Depositary Shares

#### *Depository Fees and Charges*

Under the terms of the deposit agreement dated May 29, 2002 among Citibank, N.A., as depository, holders and beneficial owners of ADSs and us, which was filed as an exhibit to our annual report on Form 20-F on June 30, 2003 and its amendment dated February 15, 2006, which was filed as an exhibit to our annual report on Form 20-F on June 29, 2007 (collectively, the "Deposit Agreement") for our ADSs, an ADS holder may have to pay the following service fees to the depository bank:

| Service  | Fees                             |
|--|----------------------------------|
| (1) Issuance of ADSs   | Up to US\$0.05 per ADS issued    |
| (2) Cancellation of ADSs   | Up to US\$0.05 per ADS cancelled |
| (3) Distribution of cash dividends or other cash distributions   | Up to US\$0.02 per ADS held      |
| (4) Distributions of ADSs pursuant to stock dividends, free stock distributions or other exercises of rights | Up to US\$0.05 per ADS held      |
| (5) Distribution of securities other than ADSs or rights to purchase additional ADSs                         | Up to US\$0.05 per ADS held      |

An ADS holder will also be responsible to pay certain fees and expenses incurred by the depository bank and certain taxes and governmental charges such as:

- fees for the transfer and registration of ADSs charged by the registrar and transfer agent for the ADSs;
- the expenses and charges incurred by the depository in the conversion of foreign currency into U.S. dollars;
- such cable, telex and facsimile transmission and delivery expenses;
- taxes and duties upon the transfer of ADSs; and
- the fees and expenses incurred by the depository in connection with the delivery of ADSs.

Depository fees payable upon the issuance and cancellation of ADSs are typically paid to the depository bank by the brokers (on behalf of their clients) receiving the newly-issued ADSs from the depository bank and by the brokers (on behalf of their clients) delivering the ADSs to the depository bank for cancellation. The brokers in turn charge these transaction fees to their clients.

Depository fees payable in connection with distributions of cash or securities to ADS holders are charged by the depository bank to the holders of record of ADSs as of the applicable ADS record date. The depository fees payable for cash distributions are generally deducted from the cash being distributed. In the case of distributions other than cash (i.e., stock dividends, rights offerings), the depository bank charges the applicable fee to the ADS record date holders concurrent with the distribution. In the case of ADSs registered in the name of the investor (whether certificated or un-certificated in direct registration), the depository bank sends invoices to the applicable record date ADS holders. In the case of ADSs held in brokerage and custodian accounts via the central clearing and settlement system, The Depository Trust Company (“DTC”), the depository bank generally collects its fees through the systems provided by DTC (whose nominee is the registered holder of the ADSs held in DTC) from the brokers and custodians holding ADSs in their DTC accounts. The brokers and custodians who hold their clients’ ADSs in DTC accounts in turn charge their clients’ accounts the amount of the fees paid to the depository banks.

In the event of refusal to pay the depository fees, the depository bank may, under the terms of the deposit agreement, refuse the requested service until payment is received or may offset the amount of the depository fees from any distribution to be made to the ADS holder.

Note that the fees and charges you may be required to pay may vary over time and may be changed by us and by the depository bank. You will receive prior notice of such changes.

***Payment received by us***

In 2019, we received the following payments from Citibank, N.A., the Depository Bank for our ADR program:

|  |                |
|--|----------------|
| Reimbursement of Proxy Process Expenses              | US\$45,635.12  |
| Reimbursement of ADR holders identification expenses | US\$24,849.29  |
| Reimbursement to Issuer                              | US\$323,383.48 |
| Tax Payment to the IRS                               | US\$168,693.39 |
| Total  | US\$562,561.28 |

## PART II

### ITEM 13. ITEM DEFAULTS, DIVIDEND ARREARAGES AND DELINQUENCIES

None.

### ITEM 14. MATERIAL MODIFICATIONS TO THE RIGHTS OF SECURITY HOLDERS AND USE OF PROCEEDS

None.

### ITEM 15. CONTROLS AND PROCEDURES

#### Disclosure Controls and Procedures

Our Chief Executive Officer and Chief Financial Officer, after evaluating the effectiveness of our disclosure controls and procedures (as defined in the Exchange Act Rules 13a-15(e) or 15d-15(e)) as of the end of the period covered by this report, have concluded, based on the evaluation of these controls and procedures required by paragraph (b) of Exchange Act Rules 13a-15 and 15d-15, that our disclosure controls and procedures were effective.

#### Management's Annual Report on Internal Control Over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting. Our internal control over financial reporting is designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with IFRS.

Our internal control over financial reporting includes those policies and procedures that:

- pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect our transactions and dispositions of our assets;
- provide reasonable assurance that our transactions are recorded as necessary to permit preparation of our financial statements in accordance with IFRS, and that our receipts and expenditures are being made only in accordance with authorizations of our management and our directors; and
- provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of our assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Projections of any evaluation of internal control effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Our management assessed the effectiveness of our internal control over financial reporting as of December 31, 2019 based on the criteria set forth in *Internal Control – Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (“COSO”). Based on the assessment, our management believes that our internal control over financial reporting was effective as of December 31, 2019.

Our independent registered public accounting firm has issued an audit report on the effectiveness of our internal control over financial reporting as of December 31, 2019, which is included below.

## Report of Independent Registered Public Accounting Firm

The Board of Directors and Shareholders  
AU Optronics Corp.:

### *Opinion on Internal Control Over Financial Reporting*

We have audited the internal control over financial reporting of AU Optronics Corp. and subsidiaries (“the Company”) as of December 31, 2019, based on the criteria established in *Internal Control – Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission. In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2019, based on the criteria established in *Internal Control – Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (“PCAOB”), the consolidated statements of financial position of AU Optronics Corp. and subsidiaries as of December 31, 2018 and 2019, the related consolidated statements of comprehensive income, changes in equity and cash flows for each of the years in the three-year period ended December 31, 2019 and the related notes (collectively, “the consolidated financial statements”), and our report dated March 20, 2020 expressed an unqualified opinion on those consolidated financial statements.

### *Basis for Opinion*

The Company’s management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying *Management’s Annual Report on Internal Control over Financial Reporting*. Our responsibility is to express an opinion on the Company’s internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

### *Definition and Limitations of Internal Control Over Financial Reporting*

A company’s internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company’s internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company’s assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ KPMG

We have served as the Company’s auditor since 1996.

Hsinchu, Taiwan (Republic of China)  
March 20, 2020

## **Changes in Internal Control Over Financial Reporting**

There has been no change in our internal control over financial reporting that occurred during the period covered by this annual report that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

### **ITEM 16. [RESERVED]**

#### **16.A. Audit Committee Financial Expert**

Our board of directors has determined that Chin-Bing (Philip) Peng and Yen-Hsueh Su are audit committee financial experts and are independent as defined under NYSE Section 303A.02. Mr. Peng served as Chief Financial Officer of ACER Incorporated and Ms. Su was the Managing Director and Head of Asia Technology Hardware Research of UBS and Chief Investment Officers of ASUSTEK Computer Inc. and Pegatron Corporation. Both of them have acquired financial expertise through their role where their responsibilities include supervising financial officers and accounting officers, analyzing or evaluating financial statements or overseeing or assessing the performance of companies.

#### **16.B. Code of Ethics**

We have adopted a code of ethical conduct, which applies to directors and senior management. Our code of ethics covers the specific ethical operating method and the schemes to prevent unethical conduct, such as operation procedures, conduct guide, educational training, etc. Besides, our code of ethics contains provisions covering conflicts of interest, corporate opportunities, confidentiality, fair dealing, protection and proper use of company assets, compliance with laws, rules and regulations (including insider trading laws, money laundering prevention, personal information protection) and encouraging the reporting of any illegal or unethical behavior, as well as compliance standards and procedures that will facilitate the operation of the code and ensure the prompt and consistent action against violations of the code. We will address violations of the code of ethical conduct. A copy of our Codes of Ethical Conduct for Directors and Senior Management is available on our website at [https://www.auo.com/upload/media/auo/Policy\\_and\\_Document/Guidelines\\_for\\_the\\_Adoption\\_of\\_Codes\\_of\\_Ethical\\_Conduct\\_for\\_Directors\\_and\\_Senior\\_Management\\_en.pdf](https://www.auo.com/upload/media/auo/Policy_and_Document/Guidelines_for_the_Adoption_of_Codes_of_Ethical_Conduct_for_Directors_and_Senior_Management_en.pdf).

#### **16.C. Principal Accountant Fees and Services**

##### **Policy on Pre-Approval of Audit and Non-Audit Services of Independent Registered Public Accounting Firm**

Our audit committee is responsible for the oversight of KPMG's work. The policy of our audit committee is to pre-approve all audit and non-audit services provided by KPMG, including audit services, audit-related services, tax services and other services, as described below. The audit committee sets forth its pre-approval in detail, listing the particular services or categories of services which are pre-approved, and setting forth a specific budget for such services. In urgent circumstances, the audit committee's chairman may issue such a pre-approval. Additional services may be pre-approved on an individual basis. KPMG and our management then report to the audit committee on a quarterly basis regarding the extent of services actually provided in accordance with the applicable pre-approval, and regarding the fees for the services performed.

## Auditor Fees

The following are fees for professional services to KPMG for the years ended December 31, 2018 and 2019.

| Services                          | Year Ended December 31, |        |
|-----------------------------------|-------------------------|--------|
|                                   | 2018                    | 2019   |
|                                   | NT\$                    | NT\$   |
|                                   | (in thousands)          |        |
| Audit-Related Fees <sup>(1)</sup> | 42,176                  | 41,505 |
| Tax Fees <sup>(2)</sup>           | 6,874                   | 4,560  |
| Other Fees <sup>(3)</sup>         | 1,379                   | 936    |
| Total                             | 50,429                  | 47,001 |

- (1) *Audit Fees.* This category includes the audit of our annual financial statements, review of quarterly financial statements and services that are normally provided by the independent auditors in connection with statutory and regulatory filings or engagements for those fiscal years, and service related to the audit of the effectiveness of our internal control over financial reporting required by Section 404 of the Sarbanes-Oxley Act of 2002. This category also includes advice on audit and accounting matters that arose during, or as a result of, the audit or the review of quarterly financial statements and statutory audits required by non-U.S. jurisdictions, including statutory audits required by the Customs Bureau of the ROC and Financial Supervisory Commission of the ROC. This category also includes assistance with and review of documents filed with the SEC.
- (2) *Tax Fees.* This category includes fees incurred from professional services related to tax compliance.
- (3) *Other Fees.* This category includes fees incurred from professional services related to training, advisory and assurance for corporate and social responsibility reporting and professional services related to tax advice.

### 16.D. Exemptions From the Listing Standards for Audit Committees

Not applicable.

### 16.E. Purchases of Equity Securities by the Issuer and Affiliated Purchasers

#### Share Repurchase Program

On September 9, 2019, the board of directors adopted on a share repurchase program to repurchase up to 125 million of our shares through open market transactions at a price range between NT\$5.71 and NT\$11.84 during the period from September 10, 2019 to November 9, 2019. On November 4, 2019, we completed the share repurchase program, under which we repurchased 125 million shares for approximately NT\$1,013.4 million (US\$33.9 million).

### 16.F. Change in Registrant's Certifying Accountant

Not applicable.

### 16.G. Corporate Governance

Our corporate governance practices are governed by applicable ROC law, specifically, the ROC Company Act and the ROC Securities and Exchange Act, and our Articles of Incorporation. From May 2002 to September 2019, our common shares were traded in the form of ADS on the NYSE and during this period we complied with the corporate governance requirements applicable to NYSE-listed foreign private issuers. We continue to provide a summary of the significant differences between corporate governance practices under applicable ROC law and NYSE listing standards. Please refer to our website [https://www.auo.com/en-global/Stock\\_Services/index/Material\\_Information\\_and\\_Announcement](https://www.auo.com/en-global/Stock_Services/index/Material_Information_and_Announcement) for further details.

### 16.H. Mine Safety Disclosure

Not applicable.

### **PART III**

#### **ITEM 17. FINANCIAL STATEMENTS**

Not applicable.

#### **ITEM 18. FINANCIAL STATEMENTS**

Our consolidated financial statements and the report thereon by our independent registered public accounting firm listed below are included herein as follows:

- (a) Report of Independent Registered Public Accounting Firm.
- (b) Consolidated Statements of Financial Position of AU Optronics Corp. and subsidiaries as of December 31, 2018 and 2019.
- (c) Consolidated Statements of Comprehensive Income of AU Optronics Corp. and subsidiaries for the years ended December 31, 2017, 2018 and 2019.
- (d) Consolidated Statements of Changes in Equity of AU Optronics Corp. and subsidiaries for the years ended December 31, 2017, 2018 and 2019.
- (e) Consolidated Statements of Cash Flows of AU Optronics Corp. and subsidiaries for the years ended December 31, 2017, 2018 and 2019.
- (f) Notes to Consolidated Financial Statements of AU Optronics Corp. and subsidiaries.

#### **ITEM 19. EXHIBITS**

- 1.1 Articles of Incorporation (English translation).
- 2.1 Deposit Agreement, dated May 29, 2002, among AU Optronics Corp., Citibank, N.A. as depositary, and Holders and Beneficial Owners of American depositary shares evidenced by American depositary receipts issued thereunder, including the form of American depositary receipt (incorporated herein by reference to Exhibit 2(A) to our annual report on Form 20-F as filed with the SEC on June 30, 2003).
- 2.2 Amendment No. 1 to the Deposit Agreement, dated February 15, 2006, among AU Optronics Corp., Citibank, N.A. as depositary, and Holders and Beneficial Owners of American depositary shares evidenced by American depositary receipts issued thereunder, including the amended form of American depositary receipt (incorporated herein by reference to Exhibit 2.2 to our annual report on Form 20-F as filed with the SEC on June 29, 2007).
- 2.4 Description of Securities
- 4.1 Patent and Technology License Agreement by and between FDTC and AU Optronics Corp., for TFT-LCD technologies, dated March 31, 2003 (incorporated herein by reference to Exhibit 4(g) to our annual report on Form 20-F as filed with the SEC on June 30, 2003).



- 4.2 Lease Agreement with Hsinchu Science Park Administration in relation to government-owned land located at Hsinchu Science Park, No. 76-6 Small Section, Hsinchu, Taiwan, Republic of China, with respect to part of the site of our previous L1 fab (incorporated herein by reference to Exhibit 4(j) to our annual report on Form 20-F as filed with the SEC on June 30, 2003).
- 4.3 Lease Agreement with Hsinchu Science Park Administration in relation to government-owned land located at Hsinchu Science Park, No. 77 Ke-Yuan Small Section, Hsinchu, Taiwan, Republic of China, with respect to part of the site of L1 fab (incorporated herein by reference to Exhibit 4(k) to our annual report on Form 20-F as filed with the SEC on June 30, 2003).
- 4.4 Lease Agreement with Hsinchu Science Park Administration in relation to government-owned land located at Hsinchu Science Park, Nos. 114-4 Gin-Shan Section, Hsin-Chu, Taiwan, Republic of China, the L3B site of one of our 3.5-generation fabs (incorporated herein by reference to Exhibit 4(m) to our annual report on Form 20-F as filed with the SEC on June 30, 2003).
- 4.5 Lease Agreement with Hsinchu Science Park Administration in relation to government-owned land located at Hsinchu Science Park, Nos. 472 etc., Gin-Shan Section, Hsinchu, Taiwan, Republic of China, the site of one of our 3.5-generation fabs (incorporated herein by reference to Exhibit 4(n) to our annual report on Form 20-F as filed with the SEC on June 30, 2003).
- 4.6 Lease Agreement by and between AU Optronics (Suzhou) Corp., Ltd. and Chinese-Singapore Suzhou Industrial Park Development Co., Ltd. for No. 398, Suhong Zhong Road, Suzhou Industrial Park, Suzhou, The People's Republic of China, the site of two of our module-assembly plants (incorporated herein by reference to Exhibit 4(q) to our annual report on Form 20-F as filed with the SEC on June 30, 2003).
- 8.1 List of Subsidiaries.
- 12.1 Certification of Shuang-Lang (Paul) Peng, Chairman and Chief Executive Officer of AU Optronics Corp., pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 12.2 Certification of Benjamin Tseng, Chief Financial Officer of AU Optronics Corp., pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 13.1 Certification of Shuang-Lang (Paul) Peng, Chairman and Chief Executive Officer of AU Optronics Corp., pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 13.2 Certification of Benjamin Tseng, Chief Financial Officer of AU Optronics Corp., pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 101.INS XBRL Instance Document
- 101.SCH XBRL Taxonomy Extension Schema Document
- 101.CAL XBRL Taxonomy Extension Calculation Linkbase Document
- 101.DEF XBRL Taxonomy Extension Definition Linkbase Document
- 101.LAB XBRL Taxonomy Extension Label Linkbase Document
- 101.PRE XBRL Taxonomy Extension Presentation Linkbase Document

## SIGNATURES

The registrant hereby certifies that it meets all of the requirements for filing on Form 20-F and that it has duly caused and authorized the undersigned to sign this annual report on its behalf.

AU OPTRONICS CORP.

By: /s/ Shuang-Lang (Paul) Peng  
Name: Shuang-Lang (Paul) Peng  
Title: Chairman and Chief Executive Officer

Date: March 27, 2020

## INDEX TO CONSOLIDATED FINANCIAL STATEMENTS

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**AU OPTRONICS CORP.  
AND SUBSIDIARIES**

**Consolidated Financial Statements**

**December 31, 2017, 2018 and 2019**

**(With Report of Independent Registered Public Accounting Firm)**

## **Report of Independent Registered Public Accounting Firm**

The Board of Directors and Shareholders  
AU Optronics Corp.:

### Opinion on the Consolidated Financial Statements

We have audited the accompanying consolidated statements of financial position of AU Optronics Corp. and subsidiaries (the “Company”) as of December 31, 2018 and 2019, the related consolidated statements of comprehensive income (loss), changes in equity and cash flows for each of the years in the three-year period ended December 31, 2019, and the related notes (collectively, the “consolidated financial statements”). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of AU Optronics Corp. and subsidiaries as of December 31, 2018 and 2019 and the results of their operations and their cash flows for each of the years in the three-year period ended December 31, 2019, in conformity with International Financial Reporting Standards (“IFRS”) as issued by the International Accounting Standards Board.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (“PCAOB”), the Company’s internal control over financial reporting as of December 31, 2019, based on the criteria established in Internal Control – Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission, and our report dated March 20, 2020, expressed an unqualified opinion on the effectiveness of the Company’s internal control over financial reporting.

### Change in Accounting Principle

As stated in Note 4(a) to the consolidated financial statements, the Company has changed its method of accounting for leases as of January 1, 2019 due to the adoption of IFRS 16, “Leases”.

### Basis for Opinion

These consolidated financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

## Critical audit matter

The critical audit matter communicated below is a matter arising from the current period audit of the consolidated financial statements that was communicated or required to be communicated to the audit committee and that: (1) relates to accounts or disclosures that are material to the consolidated financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of a critical audit matter does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

### *Impairment assessment of property, plant and equipment in downstream display CGU*

As discussed in Note 18 to the consolidated financial statements, the balance of property, plant and equipment was \$206,735 million as of December 31, 2019. The Company performs impairment test on property, plant and equipment at the reporting date or when there is an indication of possible impairment, by comparing the net carrying value of a cash generating unit (“CGU”) with its recoverable amounts. For the Company’s downstream display CGU, the recoverable amount was determined based on present value of the future cash flows expected to be derived from the CGU.

We identified the impairment assessment of property, plant and equipment in downstream display CGU as a critical audit matter because of the high degree of subjective auditor’s judgment in evaluating the forecasted future revenues and discount rate assumptions used to calculate the recoverable amount of the CGU as minor changes to those assumptions could have a significant effect on the Company’s assessment of the carrying value of the CGU. In addition, the evaluation of the discount rate involved specialized skills and knowledge.

The primary procedures we performed to address this critical audit matter included the following. We tested certain internal controls over the Company’s impairment assessment process, including controls related to the determination of forecasted future revenues and the assumptions used to develop the discount rate. We evaluated the Company’s forecasted future revenues by comparing them to the historical revenues of the CGU and industry revenue forecasts. We compared the Company’s historical revenue forecasts to actual results to assess the Company’s ability to accurately forecast. We performed sensitivity analyses over forecasted future revenues and discount rate to assess their impact on the recoverable amount of the CGU. In addition, we involved valuation professionals with specialized skills and knowledge, who assisted in evaluating the Company’s discount rate, by comparing it against a range of estimated discount rates developed independently based on market data and inputs.

/s/ KPMG

We have served as the Company’s auditor since 1996.

Hsinchu, Taiwan (Republic of China)

March 20, 2020

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Consolidated Statements of Financial Position

**December 31, 2018 and 2019**  
(Expressed in thousands of New Taiwan dollars)

|   | Notes      | December 31,<br>2018         | December 31,<br>2019      |
|---|------------|------------------------------|---------------------------|
| <b>Assets</b>   |            |                              |                           |
| <b>Current assets:</b>  |            |                              |                           |
| Cash and cash equivalents   | 7          | \$ 69,163,296                | 80,449,772                |
| Financial assets at fair value through profit or loss                         |            |                              |                           |
| — current   | 8          | 1,709,531                    | 1,521,406                 |
| Accounts receivable, net  | 11         | 44,647,981                   | 30,308,675                |
| Accounts receivable from related parties, net                                 | 11, 43     | 2,754,253                    | 1,778,499                 |
| Other receivables from related parties  | 43         | 12,945                       | 3,956                     |
| Current tax assets  |            | 69,156                       | 79,886                    |
| Inventories   | 12         | 26,309,104                   | 23,460,072                |
| Other current financial assets  | 11, 44     | 1,459,763                    | 2,302,383                 |
| Other current assets  | 22         | <u>2,941,598</u>             | <u>3,295,562</u>          |
| Total current assets  |            | <u>149,067,627</u>           | <u>143,200,211</u>        |
| <b>Noncurrent assets:</b>   |            |                              |                           |
| Financial assets at fair value through other comprehensive income— noncurrent | 9          | 6,979,925                    | 7,545,171                 |
| Investments in equity-accounted investees                                     | 14         | 6,285,865                    | 5,999,479                 |
| Property, plant and equipment   | 18, 43, 44 | 221,586,475                  | 206,734,543               |
| Right-of-use assets   | 19         | -                            | 12,207,768                |
| Investment property   | 20         | 730,306                      | 1,555,130                 |
| Intangible assets   | 15, 21     | 2,096,668                    | 1,527,731                 |
| Deferred tax assets   | 37         | 6,632,668                    | 5,181,617                 |
| Other noncurrent assets   | 22, 44     | <u>5,171,646</u>             | <u>2,405,346</u>          |
| Total noncurrent assets   |            | <u>249,483,553</u>           | <u>243,156,785</u>        |
| <b>Total Assets</b>   |            | <b><u>\$ 398,551,180</u></b> | <b><u>386,356,996</u></b> |

(See accompanying notes to the consolidated financial statements)

**AU OPTRONICS CORP. AND SUBSIDIARIES**

**Consolidated Statements of Financial Position (continued)**

**December 31, 2018 and 2019**

**(Expressed in thousands of New Taiwan dollars, except for par value)**

|  | <b>Notes</b> | <b>December 31,<br/>2018</b> | <b>December 31,<br/>2019</b> |
|--|--------------|------------------------------|------------------------------|
| <b>Liabilities</b>   |              |                              |                              |
| <b>Current liabilities:</b>                                      |              |                              |                              |
| Short-term borrowings  | 23           | \$ 546,472                   | 1,725,602                    |
| Current installments of long-term borrowings                     | 24, 44       | 29,595,931                   | 9,535,198                    |
| Financial liabilities at fair value through profit or loss       |              |                              |                              |
| — current  | 8            | 22,115                       | 18,859                       |
| Accounts payable   |              | 50,459,587                   | 44,307,437                   |
| Accounts payable to related parties                              | 43           | 8,161,186                    | 6,950,828                    |
| Equipment and construction payable                               | 43           | 11,231,333                   | 6,316,902                    |
| Other payables to related parties                                | 43           | 27,998                       | 40,584                       |
| Current tax liabilities  |              | 3,520,469                    | 1,531,588                    |
| Provisions — current   | 25           | 1,507,564                    | 708,268                      |
| Lease liabilities — current                                      | 19           | -                            | 682,367                      |
| Other current liabilities  |              | <u>24,291,532</u>            | <u>18,718,165</u>            |
| <b>Total current liabilities</b>                                 |              | <u>129,364,187</u>           | <u>90,535,798</u>            |
| <b>Noncurrent liabilities:</b>                                   |              |                              |                              |
| Long-term borrowings, excluding current installments             | 24, 44       | 56,709,387                   | 102,433,194                  |
| Provisions — noncurrent  | 25           | 1,030,485                    | 1,053,290                    |
| Deferred tax liabilities   | 37           | 1,632,164                    | 1,050,671                    |
| Lease liabilities — noncurrent                                   | 19           | -                            | 10,408,710                   |
| Other noncurrent liabilities                                     | 27           | <u>2,029,651</u>             | <u>1,973,459</u>             |
| <b>Total noncurrent liabilities</b>                              |              | <u>61,401,687</u>            | <u>116,919,324</u>           |
| <b>Total liabilities</b>   |              | <u>190,765,874</u>           | <u>207,455,122</u>           |
| <b>Equity</b>  |              |                              |                              |
| Common stock, \$10 par value                                     | 28           | 96,242,451                   | 96,242,451                   |
| Capital surplus  |              | 60,620,224                   | 60,543,683                   |
| Retained earnings  |              | 37,353,842                   | 13,829,640                   |
| Other components of equity                                       |              | (847,770)                    | (2,005,384)                  |
| Treasury shares  |              | <u>-</u>                     | <u>(1,013,423)</u>           |
| <b>Equity attributable to shareholders of AU Optronics Corp.</b> |              | <u>193,368,747</u>           | <u>167,596,967</u>           |
| <b>Non-controlling interests</b>                                 |              | <u>14,416,559</u>            | <u>11,304,907</u>            |
| <b>Total equity</b>  |              | <u>207,785,306</u>           | <u>178,901,874</u>           |
| <b>Total Liabilities and Equity</b>                              |              | <u>\$ 398,551,180</u>        | <u>386,356,996</u>           |

(See accompanying notes to the consolidated financial statements)



**AU OPTRONICS CORP. AND SUBSIDIARIES**

**Consolidated Statements of Comprehensive Income (Loss)**

**For the years ended December 31, 2017, 2018 and 2019**

**(Expressed in thousands of New Taiwan dollars, except for earnings per share)**

|   | Notes                             | 2017                 | 2018                 | 2019                 |
|---|-----------------------------------|----------------------|----------------------|----------------------|
| <b>Net revenue</b>  | 30, 31, 43                        | \$ 341,028,267       | 307,634,389          | 268,791,694          |
| <b>Cost of sales</b>  | 12, 19, 26, 27,<br>29, 32, 33, 43 | <u>(279,986,522)</u> | <u>(279,494,885)</u> | <u>(268,335,751)</u> |
| <b>Gross profit</b>   |                                   | <u>61,041,745</u>    | <u>28,139,504</u>    | <u>455,943</u>       |
| Selling and distribution expenses   | 19, 26, 27, 29,<br>32, 33, 43     | (3,888,969)          | (3,946,509)          | (3,751,070)          |
| General and administrative expenses   | 15, 19, 26, 27,<br>29, 32, 33, 43 | (8,158,940)          | (7,978,267)          | (7,363,234)          |
| Research and development expenses   | 19, 26, 27, 29,<br>32, 33, 43     | (9,854,712)          | (9,546,863)          | (9,809,587)          |
| Other income  | 34, 43                            | 3,829,897            | 5,412,125            | 5,320,271            |
| Other gains and losses  | 13, 15, 17, 18,<br>35, 43         | (976,560)            | 1,488,052            | (1,595,614)          |
| Finance costs   | 18, 19, 36                        | (2,867,861)          | (2,663,605)          | (3,251,370)          |
| Share of profit of equity-accounted investees   | 14                                | <u>239,006</u>       | <u>311,714</u>       | <u>149,907</u>       |
| <b>Profit (loss) before income tax</b>  |                                   | <u>39,363,606</u>    | <u>11,216,151</u>    | <u>(19,844,754)</u>  |
| <b>Income tax (benefit) expense</b>   | 37                                | <u>(1,125,157)</u>   | <u>322,374</u>       | <u>1,336,155</u>     |
| <b>Profit (loss) for the year</b>   |                                   | <u>40,488,763</u>    | <u>10,893,777</u>    | <u>(21,180,909)</u>  |
| <b>Other comprehensive income (loss)</b>  | 14, 27, 28, 37                    |                      |                      |                      |
| <b>Items that will never be reclassified to profit or loss</b>                                |                                   |                      |                      |                      |
| Remeasurement of defined benefit obligations  |                                   | (98,091)             | (56,956)             | 188,110              |
| Unrealized gain (loss) on equity investments at fair value through other comprehensive income |                                   | -                    | (756,287)            | 519,100              |
| Equity-accounted investees – share of other comprehensive income                              |                                   | 243                  | 4,239                | 3,288                |
| Related tax   |                                   | <u>155,930</u>       | <u>38,908</u>        | <u>(37,622)</u>      |
|   |                                   | <u>58,082</u>        | <u>(770,096)</u>     | <u>672,876</u>       |
| <b>Items that are or may be reclassified subsequently to profit or loss</b>                   |                                   |                      |                      |                      |
| Foreign operations – foreign currency translation differences                                 |                                   | (2,255,410)          | (785,772)            | (2,505,864)          |
| Net change in fair value of available-for-sale financial assets                               |                                   | 1,146,422            | -                    | -                    |
| Effective portion of changes in fair value of cash flow hedges                                |                                   | (21,992)             | -                    | -                    |
| Equity-accounted investees – share of other comprehensive loss                                |                                   | (62,327)             | (19,716)             | (38,512)             |
| Related tax   |                                   | <u>316,372</u>       | <u>191,809</u>       | <u>459,729</u>       |
|   |                                   | <u>(876,935)</u>     | <u>(613,679)</u>     | <u>(2,084,647)</u>   |
| <b>Other comprehensive loss, net of tax</b>   |                                   | <u>(818,853)</u>     | <u>(1,383,775)</u>   | <u>(1,411,771)</u>   |
| <b>Total comprehensive income (loss) for the year</b>   |                                   | <u>\$ 39,669,910</u> | <u>9,510,002</u>     | <u>(22,592,680)</u>  |
| <b>Profit (loss) attributable to:</b>   |                                   |                      |                      |                      |
| Shareholders of AU Optronics Corp.  |                                   | \$ 42,609,500        | 13,071,646           | (18,767,191)         |
| Non-controlling interests   |                                   | <u>(2,120,737)</u>   | <u>(2,177,869)</u>   | <u>(2,413,718)</u>   |
| <b>Profit (loss) for the year</b>   |                                   | <u>\$ 40,488,763</u> | <u>10,893,777</u>    | <u>(21,180,909)</u>  |
| <b>Total comprehensive income (loss) attributable to:</b>                                     |                                   |                      |                      |                      |
| Shareholders of AU Optronics Corp.  |                                   | \$ 42,146,146        | 11,996,308           | (19,774,387)         |
| Non-controlling interests   |                                   | <u>(2,476,236)</u>   | <u>(2,486,306)</u>   | <u>(2,818,293)</u>   |
| <b>Total comprehensive income (loss) for the year</b>   |                                   | <u>\$ 39,669,910</u> | <u>9,510,002</u>     | <u>(22,592,680)</u>  |
| <b>Earnings (loss) per share</b>  | 38                                |                      |                      |                      |
| Basic earnings (loss) per share   |                                   | <u>\$ 4.43</u>       | <u>1.36</u>          | <u>(1.96)</u>        |
| Diluted earnings (loss) per share   |                                   | <u>\$ 4.27</u>       | <u>1.34</u>          | <u>(1.96)</u>        |

(See accompanying notes to the consolidated financial statements)

**AU OPTRONICS CORP. AND SUBSIDIARIES**

**Consolidated Statements of Changes in Equity**

**For the years ended December 31, 2017, 2018 and 2019**

**(Expressed in thousands of New Taiwan dollars)**

|   | Equity attributable to shareholders of AU Optronics Corp. |                 |               |                 |                                   |              |                                    |  |  |   |             |                 |   |                           |              |
|---|---|-----------------|---------------|-----------------|-----------------------------------|--------------|------------------------------------|--|--|---|-------------|-----------------|---|---------------------------|--------------|
|   | Retained earnings   |                 |               |                 |                                   |              | Other components of equity         |  |  |   |             |                 |   |                           |              |
|   | Common stock  | Capital surplus | Legal reserve | Special Reserve | Unappropriated earnings (deficit) | Subtotal     | Cumulative translation differences | Unrealized gains (losses) on financial assets at fair value through other comprehensive income | Unrealized gains (losses) on available-for-sale financial assets | Unrealized gains (losses) on cash flow hedges | Subtotal    | Treasury Shares | Equity attributable to shareholders of AU Optronics Corp. | Non-controlling interests | Total equity |
| <b>Balance at January 1, 2017</b>   | \$ 96,242,451   | 59,977,743      | 2,657,792     | -               | (1,207,174)                       | 1,450,618    | 531,006                            | -  | 224,299  | 21,992  | 777,297     | -               | 158,448,109   | 18,388,204                | 176,836,313  |
| Appropriation of earnings   | -   | -               | 781,894       | -               | (781,894)                         | -            | -                                  | -  | -  | -   | -           | -               | -   | -                         | -            |
| Legal reserve   | -   | -               | 781,894       | -               | (781,894)                         | -            | -                                  | -  | -  | -   | -           | -               | -   | -                         | -            |
| Cash dividends distributed to shareholders  | -   | -               | -             | -               | (5,389,577)                       | (5,389,577)  | -                                  | -  | -  | -   | -           | -               | (5,389,577)   | -                         | (5,389,577)  |
| Profit (loss) for the year  | -   | -               | -             | -               | 42,609,500                        | 42,609,500   | -                                  | -  | -  | -   | -           | -               | 42,609,500  | (2,120,737)               | 40,488,763   |
| Other comprehensive income, net of tax  | -   | -               | -             | -               | 57,881                            | 57,881       | (1,651,975)                        | -  | 1,152,732  | (21,992)                                      | (521,235)   | -               | (463,354)   | (355,499)                 | (818,853)    |
| Total comprehensive income for the year   | -   | -               | -             | -               | 42,667,381                        | 42,667,381   | (1,651,975)                        | -  | 1,152,732  | (21,992)                                      | (521,235)   | -               | 42,146,146  | (2,476,236)               | 39,669,910   |
| Adjustments to capital surplus and accumulated deficit for changes in investees' equity               | -   | 42,566          | -             | -               | (16,090)                          | (16,090)     | -                                  | -  | -  | -   | -           | -               | 26,476  | (6,421)                   | 20,055       |
| Differences between consideration and carrying amount arising from disposal of interest in subsidiary | -   | 518,196         | -             | -               | -                                 | -            | -                                  | -  | -  | -   | -           | -               | 518,196   | (518,196)                 | -            |
| Changes in non-controlling interests  | -   | -               | -             | -               | -                                 | -            | -                                  | -  | -  | -   | -           | -               | -   | 1,681,150                 | 1,681,150    |
| <b>Balance at December 31, 2017</b>   | 96,242,451  | 60,538,505      | 3,439,686     | -               | 35,272,646                        | 38,712,332   | (1,120,969)                        | -  | 1,377,031  | -   | 256,062     | -               | 195,749,350   | 17,068,501                | 212,817,851  |
| Adjustments on initial application of new standards   | -   | -               | -             | -               | 73,020                            | 73,020       | -                                  | 1,303,816  | (1,377,031)  | -   | (73,215)    | -               | (195)   | -                         | (195)        |
| <b>Adjusted balance at January 1, 2018</b>  | 96,242,451  | 60,538,505      | 3,439,686     | -               | 35,345,666                        | 38,785,352   | (1,120,969)                        | 1,303,816  | -  | -   | 182,847     | -               | 195,749,155   | 17,068,501                | 212,817,656  |
| Appropriation of earnings   | -   | -               | 3,235,942     | -               | (3,235,942)                       | -            | -                                  | -  | -  | -   | -           | -               | -   | -                         | -            |
| Legal reserve   | -   | -               | 3,235,942     | -               | (3,235,942)                       | -            | -                                  | -  | -  | -   | -           | -               | -   | -                         | -            |
| Cash dividends distributed to shareholders  | -   | -               | -             | -               | (14,436,368)                      | (14,436,368) | -                                  | -  | -  | -   | -           | -               | (14,436,368)  | -                         | (14,436,368) |
| Profit (loss) for the year  | -   | -               | -             | -               | 13,071,646                        | 13,071,646   | -                                  | -  | -  | -   | -           | -               | 13,071,646  | (2,177,869)               | 10,893,777   |
| Other comprehensive income, net of tax  | -   | -               | -             | -               | (16,862)                          | (16,862)     | (306,716)                          | (751,760)  | -  | -   | (1,058,476) | -               | (1,075,338)   | (308,437)                 | (1,383,775)  |
| Total comprehensive income for the year   | -   | -               | -             | -               | 13,054,784                        | 13,054,784   | (306,716)                          | (751,760)  | -  | -   | (1,058,476) | -               | 11,996,308  | (2,486,306)               | 9,510,002    |
| Changes in deemed contributions from shareholders   | -   | 33,304          | -             | -               | -                                 | -            | -                                  | -  | -  | -   | -           | -               | 33,304  | -                         | 33,304       |
| Adjustments for changes in investees' equity  | -   | 28,891          | -             | -               | 158                               | 158          | -                                  | -  | -  | -   | -           | -               | 29,049  | (20,998)                  | 8,051        |
| Group reorganization  | -   | 19,524          | -             | -               | -                                 | -            | (22,225)                           | -  | -  | -   | (22,225)    | -               | (2,701)   | 2,701                     | -            |
| Disposal of equity investments at fair value through other comprehensive income                       | -   | -               | -             | -               | (50,084)                          | (50,084)     | -                                  | 50,084   | -  | -   | 50,084      | -               | -   | -                         | -            |
| Changes in non-controlling interests  | -   | -               | -             | -               | -                                 | -            | -                                  | -  | -  | -   | -           | -               | -   | (147,339)                 | (147,339)    |
| <b>Balance at December 31, 2018</b>   | 96,242,451  | 60,620,224      | 6,675,628     | -               | 30,678,214                        | 37,353,842   | (1,449,910)                        | 602,140  | -  | -   | (847,770)   | -               | 193,368,747   | 14,416,559                | 207,785,306  |
| Appropriation of earnings   | -   | -               | 1,016,060     | -               | (1,016,060)                       | -            | -                                  | -  | -  | -   | -           | -               | -   | -                         | -            |
| Legal reserve   | -   | -               | 1,016,060     | -               | (1,016,060)                       | -            | -                                  | -  | -  | -   | -           | -               | -   | -                         | -            |
| Special reserve   | -   | -               | -             | 847,770         | (847,770)                         | -            | -                                  | -  | -  | -   | -           | -               | -   | -                         | -            |
| Cash dividends distributed to shareholders  | -   | -               | -             | -               | (4,812,122)                       | (4,812,122)  | -                                  | -  | -  | -   | -           | -               | (4,812,122)   | -                         | (4,812,122)  |
| Loss for the year   | -   | -               | -             | -               | (18,767,191)                      | (18,767,191) | -                                  | -  | -  | -   | -           | -               | (18,767,191)  | (2,413,718)               | (21,180,909) |
| Other comprehensive income (loss), net of tax   | -   | -               | -             | -               | 150,418                           | 150,418      | (1,680,072)                        | 522,458  | -  | -   | (1,157,614) | -               | (1,007,196)   | (404,575)                 | (1,411,771)  |
| Total comprehensive income (loss) for the year  | -   | -               | -             | -               | (18,616,773)                      | (18,616,773) | (1,680,072)                        | 522,458  | -  | -   | (1,157,614) | -               | (19,774,387)  | (2,818,293)               | (22,592,680) |
| Changes in deemed contributions from shareholders   | -   | 547             | -             | -               | -                                 | -            | -                                  | -  | -  | -   | -           | -               | 547   | -                         | 547          |
| Treasury shares acquired  | -   | -               | -             | -               | -                                 | -            | -                                  | -  | -  | -   | -           | (1,013,423)     | (1,013,423)   | -                         | (1,013,423)  |
| Adjustments for changes in investees' equity  | -   | (40,085)        | -             | -               | -                                 | -            | -                                  | -  | -  | -   | -           | -               | (40,085)  | -                         | (40,085)     |
| Adjustments for changes in ownership of subsidiaries  | -   | (14,721)        | -             | -               | (95,307)                          | (95,307)     | -                                  | -  | -  | -   | -           | -               | (110,028)   | 110,028                   | -            |
| Differences between acquisition price and carrying amount arising from acquisition of subsidiaries    | -   | (22,282)        | -             | -               | -                                 | -            | -                                  | -  | -  | -   | -           | -               | (22,282)  | 22,282                    | -            |
| Changes in non-controlling interests  | -   | -               | -             | -               | -                                 | -            | -                                  | -  | -  | -   | -           | -               | -   | (425,669)                 | (425,669)    |
| <b>Balance at December 31, 2019</b>   | \$ 96,242,451   | 60,543,683      | 7,691,688     | 847,770         | 5,290,182                         | 13,829,640   | (3,129,982)                        | 1,124,598  | -  | -   | (2,005,384) | (1,013,423)     | 167,596,967   | 11,304,907                | 178,901,874  |

(See accompanying notes to the consolidated financial statements)

**AU OPTRONICS CORP. AND SUBSIDIARIES**

**Consolidated Statements of Cash Flows**

**For the years ended December 31, 2017, 2018 and 2019**

**(Expressed in thousands of New Taiwan dollars)**

|   | <u>2017</u>           | <u>2018</u>         | <u>2019</u>         |
|---|-----------------------|---------------------|---------------------|
| <b>Cash flows from operating activities:</b>                                      |                       |                     |                     |
| <b>Profit (loss) before income tax</b>  | \$ 39,363,606         | 11,216,151          | (19,844,754)        |
| <b>Adjustments for:</b>   |                       |                     |                     |
| - depreciation  | 35,801,230            | 33,686,561          | 35,693,033          |
| - amortization  | 628,606               | 540,969             | 564,686             |
| - gain on financial instruments at fair value through profit or loss              | (795,098)             | (406,507)           | (41,065)            |
| - interest expense  | 2,867,861             | 2,663,605           | 3,251,370           |
| - interest income   | (612,210)             | (841,615)           | (885,520)           |
| - dividend income   | (248,514)             | (468,263)           | (295,575)           |
| - share of profit of equity-accounted investees                                   | (239,006)             | (311,714)           | (149,907)           |
| - gains on disposals of property, plant and equipment, net                        | (330,814)             | (1,923,044)         | (106,546)           |
| - losses (gains) on disposals of investments and financial assets, net            | (42,788)              | -                   | 13,154              |
| - write-downs of inventories  | 3,756,726             | 5,171,752           | 5,185,504           |
| - impairment losses on assets   | 1,046,668             | 399,363             | 2,298,646           |
| - unrealized foreign currency exchange losses (gains)                             | 776,962               | 545,856             | (430,183)           |
| - others  | (126,760)             | (132,537)           | 26,468              |
| <b>Changes in operating assets and liabilities:</b>                               |                       |                     |                     |
| - accounts receivable   | 4,643,577             | (3,702,504)         | 13,685,703          |
| - receivables from related parties  | 659,522               | (826,893)           | 984,744             |
| - inventories   | (1,149,146)           | (6,825,812)         | (2,391,389)         |
| - other current assets  | 1,572,360             | 3,260,786           | (926,326)           |
| - accounts payable  | (2,489,088)           | 2,776,504           | (5,014,990)         |
| - payables to related parties   | (1,164,514)           | 503,293             | (1,197,773)         |
| - net defined benefit liability   | (103,668)             | (82,176)            | (89,422)            |
| - provisions  | (911,810)             | 636,100             | (759,948)           |
| - other current liabilities   | 3,974,959             | (3,679,040)         | (4,906,788)         |
| Cash generated from operations  | 86,878,661            | 42,200,835          | 24,663,122          |
| Cash received from interest income  | 628,223               | 815,890             | 919,840             |
| Cash received from dividends  | 421,550               | 670,234             | 568,871             |
| Cash paid for interest  | (2,551,944)           | (2,481,821)         | (3,417,833)         |
| Cash paid for income taxes  | (1,013,159)           | (1,004,444)         | (2,003,361)         |
| <b>Net cash provided by operating activities</b>                                  | <u>84,363,331</u>     | <u>40,200,694</u>   | <u>20,730,639</u>   |
| <b>Cash flows from investing activities:</b>                                      |                       |                     |                     |
| Acquisitions of financial assets at fair value through profit or loss             | -                     | (2,509,528)         | (3,668,175)         |
| Disposals of financial assets at fair value through profit or loss                | -                     | 924,567             | 3,970,809           |
| Acquisitions of financial assets at fair value through other comprehensive income | -                     | (3,452,722)         | (47,182)            |
| Disposals of financial assets at fair value through other comprehensive income    | -                     | 59,021              | -                   |
| Acquisitions of available-for-sale financial assets                               | (201,434)             | -                   | -                   |
| Proceeds from return of capital by available-for-sale financial assets            | 32,000                | -                   | -                   |
| Acquisitions of equity-accounted investees  | (397,000)             | (684,756)           | -                   |
| Proceeds from disposals of equity-accounted investees                             | 56                    | -                   | 904,050             |
| Proceeds from return of capital by equity-accounted investees                     | -                     | 99,200              | -                   |
| Net cash outflow arising from acquisition of subsidiaries                         | -                     | (448,488)           | -                   |
| Net cash inflow resulting from disposals of subsidiaries                          | 276,393               | 51,387              | -                   |
| Acquisitions of property, plant and equipment                                     | (43,881,660)          | (34,770,263)        | (29,546,642)        |
| Disposals of property, plant and equipment  | 1,149,649             | 6,408,057           | 170,880             |
| Decrease (Increase) in refundable deposits  | (404,233)             | (169,666)           | 49,670              |
| Increase in intangible assets   | (196,781)             | -                   | (1,711)             |
| Decrease (Increase) in other financial assets                                     | (44,469)              | (4,635)             | 55,945              |
| <b>Net cash used in investing activities</b>                                      | <u>(43,667,479)</u>   | <u>(34,497,826)</u> | <u>(28,112,356)</u> |
| <b>Cash flows from financing activities:</b>                                      |                       |                     |                     |
| Proceeds from short-term borrowings   | 10,548,495            | 2,526,082           | 2,576,584           |
| Repayments of short-term borrowings   | (7,644,568)           | (5,343,976)         | (1,388,334)         |
| Proceeds from long-term borrowings  | 34,872,615            | 4,271,566           | 79,880,000          |
| Repayments of long-term borrowings  | (47,443,813)          | (28,736,527)        | (53,378,766)        |
| Payments of lease liabilities   | -                     | -                   | (694,922)           |
| Guarantee deposits refunded   | (34,654)              | (13,402)            | (1,828)             |
| Cash dividends  | (5,389,577)           | (14,436,368)        | (4,812,122)         |
| Repurchase of treasury shares   | -                     | -                   | (1,013,423)         |
| Net change of non-controlling interests and others                                | 1,681,150             | (114,035)           | (425,122)           |
| <b>Net cash provided by (used in) financing activities</b>                        | <u>(13,410,352)</u>   | <u>(41,846,660)</u> | <u>20,742,067</u>   |
| <b>Effect of exchange rate change on cash and cash equivalents</b>                | <u>(2,456,132)</u>    | <u>286,472</u>      | <u>(2,073,874)</u>  |
| <b>Net increase (decrease) in cash and cash equivalents</b>                       | 24,829,368            | (35,857,320)        | 11,286,476          |
| <b>Cash and cash equivalents at January 1</b>                                     | 80,191,248            | 105,020,616         | 69,163,296          |
| <b>Cash and cash equivalents at December 31</b>                                   | <u>\$ 105,020,616</u> | <u>69,163,296</u>   | <u>80,449,772</u>   |

(See accompanying notes to the consolidated financial statements)

# AU OPTRONICS CORP. AND SUBSIDIARIES

## Notes to Consolidated Financial Statements

For the years ended December 31, 2017, 2018 and 2019  
(Expressed in thousands of New Taiwan dollars, unless otherwise indicated)

### 1. Organization

AU Optronics Corp. (“AUO”) was founded on August 12, 1996 and is located in Hsinchu Science Park, the Republic of China (“ROC”). AUO’s main activities are the research, development, production and sale of thin film transistor liquid crystal displays (“TFT-LCDs”) and other flat panel displays used in a wide variety of applications. AUO also engages in the production and sale of solar modules and systems. AUO’s common shares have been publicly listed on the Taiwan Stock Exchange since September 2000, and its American Depositary Shares (“ADSs”) have been listed on the New York Stock Exchange (“NYSE”) since May 2002. On and from October 1, 2019, AUO's ADSs has delisted from the NYSE and begun trading on the over-the-counter (“OTC”) market.

On September 1, 2001, October 1, 2006 and October 1, 2016, Unipac Optoelectronics Corp. (“Unipac”), Quanta Display Inc. (“QDI”) and Taiwan CFI Co., Ltd. (“CFI”) were merged with and into AUO, respectively. AUO is the surviving Company, whereas Unipac, QDI and CFI were dissolved.

The principal operating activities of AUO and its subsidiaries (hereinafter referred to as “the Company”) are described in note 5(c)(2).

### 2. The Authorization of Financial Statements

These consolidated financial statements were authorized for issue by the audit committee of the Board of Directors of AUO on March 20, 2020.

### 3. Application of New and Revised Standards, Amendments and Interpretations

(a) New and revised standards, amendments and interpretations in issue but not yet effective

In preparing the accompanying consolidated financial statements, the Company has not adopted the following International Financial Reporting Standards (“IFRS”), International Accounting Standards (“IAS”), Interpretations developed by the International Financial Reporting Interpretations Committee (“IFRIC”) or the former Standing Interpretations Committee (“SIC”) issued by the International Accounting Standards Board (“IASB”) (collectively, “IFRSs”).

| <u>New, Revised or Amended Standards and Interpretations</u>                 | <u>Effective Date<br/>(Note)</u> |
|--|----------------------------------|
| Amendments to IFRS 3, <i>Definition of a Business</i>                        | January 1, 2020                  |
| Amendments to IFRS 9, IAS39 and IFRS7, <i>Interest Rate Benchmark Reform</i> | January 1, 2020                  |
| Amendments to IAS 1 and IAS 8, <i>Definition of Material</i>                 | January 1, 2020                  |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

| <u>New, Revised or Amended Standards and Interpretations</u>   | <u>Effective Date<br/>(Note)</u> |
|--|----------------------------------|
| Amendments to IFRS 10 and IAS 28, <i>Sale or Contribution of Assets between an Investor and its Associate or Joint Venture</i> | Subject to IASB's announcement   |
| IFRS 17, <i>Insurance Contracts</i>  | January 1, 2021                  |
| Amendments to IAS 1, <i>Classification of Liabilities as Current or Non-Current</i>  | January 1, 2022                  |

Note: The aforementioned new, revised and amended standards and interpretations are effective for annual periods beginning on or after the respective effective dates.

- (b) As of the date that the accompanying consolidated financial statements were issued, the Company continues in assessing the potential impact of abovementioned standards or interpretations on its financial position and results of operations.

#### 4. Changes in Significant Accounting Policies

The Company has initially applied IFRS 16 from January 1, 2019. The impact to the Company's consolidated financial statements is set forth below. A number of other new standards are also effective from January 1, 2019 but they do not have a material effect on the Company's consolidated financial statements.

Due to the transition methods chosen by the Company in applying these standards, comparative information throughout these consolidated financial statements has not been restated to reflect the requirements of the new standards.

(a) IFRS 16, *Leases*

IFRS 16 sets out the accounting standards for leases, which replaces IAS 17, *Leases* and the related interpretations.

Upon the initial application of IFRS 16, if the Company is a lessee, it is required to recognize a right-of-use asset and a lease liability on the statement of financial position for all leases with exception for leases of low-value assets and short-term leases which the Company may elect to apply the accounting method similar to the accounting for operating lease under IAS 17. Additionally, a depreciation expense charged on the right-of-use asset and an interest expense accrued on the lease liability, for which interest is computed by using effective interest method, are recognized separately on the statement of comprehensive income. On the statement of cash flows, cash payments for the principal amount of the lease liability is classified within financing activities; cash payments for interest portion is classified within operating activities. See Note 5(n) for an explanation of the Company's accounting policies on leases.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

When IFRS 16 became effective, as a lessee, the Company applied this Standard using the modified retrospective approach with the cumulative effect of the initial application of this Standard recognized at the date of initial application. Comparative financial information, therefore, has not been restated. The Company is not required to make any adjustments on transition to IFRS 16 for leases in which it acts as a lessor, except for a sublease. The Company has accounted for those leases in accordance with IFRS 16 starting from the date of initial application. On January 1, 2019, based on the assessment of the remaining contractual terms and conditions agreed in head leases and subleases, all of the Company's subleases were classified as operating leases.

As at January 1, 2019, lease liabilities recognized for leases previously classified as an operating lease under IAS 17, except for leases of low-value asset and short-term leases, were measured at the present value of the remaining lease payments, discounted using the lessee's incremental borrowing rate at the date of initial application. Right-of-use assets were measured at an amount equal to the lease liabilities, adjusted by the amount of any prepaid or accrued lease payments relating to that lease. The Company also tested right-of-use assets for impairment applying IAS 36.

In addition, the Company used the following practical expedients when applying IFRS 16 to leases.

- a. Applied a single discount rate to a portfolio of leases with reasonably similar characteristics.
- b. Applied the exemption not to recognize right-of-use assets and lease liabilities to leases for which the lease term ends within 12 months of the date of initial application.
- c. Excluded initial direct costs from the measurement of the right-of-use assets at the date of initial application.
- d. Used hindsight when determining the lease term if the contract contains options to extend or terminate the lease.

For leases that were classified as finance leases under IAS 17, the carrying amount of the right-of-use asset and the lease liability at the date of initial application were determined at the carrying amount of the lease asset and lease payable under IAS 17 as at December 31, 2018.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

The weighted average lessee's incremental borrowing rate applied to lease liabilities recognized by the Company at January 1, 2019 is 1.87%. The reconciliation between the lease liabilities recognized and the future minimum lease payments of non-cancellable operating leases on December 31, 2018 is presented as follows:

|  | <b>Amounts</b>       |
|--|----------------------|
|  | (in thousands)       |
| The future minimum lease payments of non-cancellable operating leases on December 31, 2018 | \$ 5,942,211         |
| Recognition exemption for short-term leases  | (43,032)             |
| Other leases in scope of IFRS 16   | 125,328              |
| Undiscounted amount on January 1, 2019   | <b>\$ 6,024,507</b>  |
| Discounted amount using the incremental borrowing rate on January 1, 2019                  | \$ 5,445,818         |
| Finance lease liabilities recognized on December 31, 2018                                  | 2,496                |
| Extension of lease that reasonably certain to be exercised                                 | 7,241,212            |
| Lease liabilities recognized on January 1, 2019  | <b>\$ 12,689,526</b> |

The following table summarized the impacts of initially applying IFRS 16 on the Company's assets, liabilities and equity as at January 1, 2019.

|                                     | <b>January 1, 2019</b>  |  |                                      |
|-------------------------------------|---|--|--------------------------------------|
|                                     | <b>Carrying amount under IAS 17 and related standards and interpretations</b> | <b>Adjustments from changes in accounting policies</b> | <b>Carrying amount under IFRS 16</b> |
|                                     | (in thousands)  |  |                                      |
| Other current assets                | \$ 2,941,598  | (6,638)  | 2,934,960                            |
| Property, plant and equipment       | 221,586,475   | (1,765)  | 221,584,710                          |
| Right-of-use assets                 | -   | 14,059,544   | 14,059,544                           |
| Other noncurrent assets             | 5,171,646   | (1,364,111)  | 3,807,535                            |
| <b>Impacts to total assets</b>      |   | <b>\$ 12,687,030</b>                                   |                                      |
| Lease liabilities—current           | \$ -  | 708,167  | 708,167                              |
| Other current liabilities           | 24,291,532  | (931)  | 24,290,601                           |
| Lease liabilities—noncurrent        | -   | 11,981,359   | 11,981,359                           |
| Other noncurrent liabilities        | 2,029,651   | (1,565)  | 2,028,086                            |
| <b>Impacts to total liabilities</b> |   | <b>\$ 12,687,030</b>                                   |                                      |
| <b>Impacts to total equity</b>      |   | <b>\$ -</b>  |                                      |

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

#### **5. Summary of Significant Accounting Policies**

The significant accounting policies applied in the preparation of these consolidated financial statements are set out as below. The significant accounting policies have been applied consistently to all periods presented in these consolidated financial statements.

(a) **Statement of compliance**

The consolidated financial statements have been prepared in accordance with IFRSs as issued by the IASB.

(b) **Basis of preparation**

(1) **Basis of measurement**

The consolidated financial statements have been prepared on the historical cost basis except for the following material items in the consolidated statements of financial position:

- (i) Financial instruments at fair value through profit or loss (including derivative financial instruments) (note 8);
- (ii) Financial assets at fair value through other comprehensive income (note 9);
- (iii) Available-for-sale financial assets measured at fair value (note 10); and
- (iv) Defined benefit asset (liability) is recognized as the fair value of the plan assets less the present value of the defined benefit obligation (note 27).

(2) **Functional and presentation currency**

The functional currency of each individual consolidated entity is determined based on the primary economic environment in which the entity operates. The Company's consolidated financial statements are presented in New Taiwan Dollar ("NTD"), which is also AUO's functional currency.

All financial information presented in NTD has been rounded to the nearest thousand, unless otherwise noted.



## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

(c) Basis of consolidation

(1) Principle of preparation of the consolidated financial statements

The Company includes in its consolidated financial statements the results of operations of all controlled entities in which the Company is exposed to, or has rights to, variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. All significant inter-company transactions, income and expenses are eliminated in the consolidated financial statements.

The financial statements of subsidiaries are included in the consolidated financial statements from the date that control commences until the date that control ceases. Total comprehensive income (loss) in a subsidiary is allocated to the shareholders of AUO and the non-controlling interests even if this results in the non-controlling interests having a deficit balance.

Subsidiaries' financial statements are adjusted to align the accounting policies with those of the Company.

Changes in the Company's ownership interests in a subsidiary that do not result in a loss of control are accounted for as equity transactions. The carrying amounts of the Company's investment and non-controlling interests are adjusted to reflect the changes in their relative interests in the subsidiary. Any difference between such adjustment and the fair value of the consideration paid or received is recognized directly in equity and attributed to shareholders of AUO.

Upon the loss of control, the Company derecognizes the carrying amounts of the assets and liabilities of the subsidiary and non-controlling interests. Any interest retained in the former subsidiary is remeasured at fair value when control is lost. Any surplus or deficit arising from the loss of control is recognized in profit or loss. The gain or loss is measured as the difference between:

- (i) The aggregate of:
  - a. the fair value of the consideration received, and
  - b. the fair value of any retained investment in the former subsidiary at the date when the Company loses control.
- (ii) The aggregate of the carrying amount of the former subsidiary's assets (including goodwill), liabilities and non-controlling interests at the date when the Company loses control.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

When the Company loses control of a subsidiary, the Company accounts for all amounts previously recognized in other comprehensive income in relation to that subsidiary on the same basis as would be required if the Company had directly disposed of the related assets or liabilities.

(2) List of subsidiaries in the consolidated financial statements

The consolidated entities were as follows:

| Name of Investor     | Name of Subsidiary                      | Main Activities and Location  | Percentage of Ownership (%) |                       |
|----------------------|---|---|-----------------------------|-----------------------|
|                      |   |   | December 31, 2018           | December 31, 2019     |
| AUO                  | AU Optronics (L) Corp. (AULB)           | Holding and trading company (Malaysia)  | 100.00                      | 100.00                |
| AUO                  | Konly Venture Corp. (Konly)             | Venture capital investment (Taiwan ROC)   | 100.00                      | 100.00                |
| AUO                  | Ronly Venture Corp. (Ronly)             | Venture capital investment (Taiwan ROC)   | 100.00                      | 100.00                |
| AUO                  | Space Money Inc. (SMI)                  | Sales and leasing of content management system and hardware (Taiwan ROC)  | 100.00                      | 100.00                |
| AUO                  | U-Fresh Technology Inc. (UTI)           | Planning, design and development of construction for environmental protection and related project management (Taiwan ROC) | 100.00                      | 100.00                |
| AUO                  | ComQi Ltd. (CQIL)                       | Holding company (Israel)  | 100.00 <sup>(1)</sup>       | 100.00                |
| AUO                  | AU Optronics Europe B.V. (AUNL)         | Sales and sales support of TFT-LCD panels (Netherlands)   | 100.00 <sup>(2)</sup>       | 100.00                |
| AUO, Konly and Ronly | Darwin Precisions Corporation (DPTW)    | Manufacturing, design and sales of TFT-LCD modules, TV set, backlight modules and related parts (Taiwan ROC)              | 41.05 <sup>(3)</sup>        | 41.05 <sup>(3)</sup>  |
| AUO and Konly        | AUO Crystal Corp. (ACTW)                | Manufacturing and sales of ingots and solar wafers (Taiwan ROC)   | 96.02 <sup>(4)</sup>        | 100.00 <sup>(4)</sup> |
| ACTW                 | Sanda Materials Corporation (SDMC)      | Holding company (Taiwan ROC)  | 100.00 <sup>(5)</sup>       | 100.00                |
| ACTW                 | AUO Crystal (Malaysia) Sdn. Bhd. (ACMK) | Manufacturing and sales of solar wafers (Malaysia)  | 100.00                      | 100.00                |
| SDMC                 | M.Setek Co., Ltd. (M.Setek)             | Manufacturing and sales of ingots (Japan)   | 99.9991                     | 99.9991               |
| AULB                 | AU Optronics Corporation America (AUUS) | Sales and sales support of TFT-LCD panels (United States)   | 100.00                      | 100.00                |
| AULB                 | AU Optronics Corporation Japan (AUJP)   | Sales support of TFT-LCD panels (Japan)   | 100.00                      | 100.00                |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

| Name of Investor | Name of Subsidiary                                     | Main Activities and Location   | Percentage of Ownership (%) |                   |
|------------------|--|--|-----------------------------|-------------------|
|                  |  |  | December 31, 2018           | December 31, 2019 |
| AULB             | AU Optronics Korea Ltd. (AUKR)                         | Sales support of TFT-LCD panels (South Korea)  | 100.00                      | 100.00            |
| AULB             | AU Optronics Singapore Pte. Ltd. (AUSG)                | Holding company and sales support of TFT-LCD panels (Singapore)                          | 100.00                      | 100.00            |
| AULB             | AU Optronics (Czech) s.r.o. (AUCZ) <sup>(6)</sup>      | Assembly of solar modules (Czech Republic)   | 100.00                      | 100.00            |
| AULB             | AU Optronics (Shanghai) Co., Ltd. (AUSH)               | Sales support of TFT-LCD panels (PRC)  | 100.00                      | 100.00            |
| AULB             | AU Optronics (Xiamen) Corp. (AUXM)                     | Manufacturing, assembly and sales of TFT-LCD modules (PRC)                               | 100.00                      | 100.00            |
| AULB             | AU Optronics (Suzhou) Corp., Ltd. (AUSZ)               | Manufacturing, assembly and sales of TFT-LCD modules (PRC)                               | 100.00                      | 100.00            |
| AULB             | AU Optronics Manufacturing (Shanghai) Corp. (AUSJ)     | Manufacturing and assembly of TFT-LCD modules; leasing (PRC)                             | 100.00                      | 100.00            |
| AULB             | AU Optronics (Slovakia) s.r.o. (AUSK)                  | Repairing of TFT-LCD modules (Slovakia Republic)   | 100.00                      | 100.00            |
| AULB             | AFPD Pte., Ltd. (AUST)                                 | Manufacturing TFT-LCD panels based on low temperature polysilicon technology (Singapore) | 100.00                      | 100.00            |
| AULB             | AU Optronics (Kunshan) Co., Ltd. (AUKS)                | Manufacturing and sales of TFT-LCD panels (PRC)  | 51.00                       | 51.00             |
| AULB             | a.u. Vista Inc. (AUVI)                                 | Research and development and IP related business (United States)                         | 100.00                      | 100.00            |
| AULB and DPTW    | BriView (L) Corp. (BVLB)                               | Holding company (Malaysia)   | 100.00                      | 100.00            |
| AUSG             | AUO Energy (Tianjin) Corp. (AETJ) <sup>(6)</sup>       | Manufacturing and sales of solar modules (PRC)   | 100.00                      | -                 |
| AUSG             | AUO Green Energy America Corp. (AEUS)                  | Sales support of solar-related products (United States)                                  | 100.00                      | 100.00            |
| AUSG             | AUO Green Energy Europe B.V. (AENL)                    | Sales support of solar-related products (Netherlands)                                    | 100.00                      | 100.00            |
| AUXM             | BriView (Xiamen) Corp. (BVXM)                          | Manufacturing and sales of liquid crystal products and related parts (PRC)               | 100.00                      | 100.00            |
| AUSH             | AUO Care Information Tech. (Suzhou) Co., Ltd. (A-Care) | Design, development and sales of software and hardware for health care industry (PRC)    | 100.00                      | 100.00            |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

| Name of Investor | Name of Subsidiary   | Main Activities and Location   | Percentage of Ownership (%) |                       |
|------------------|--|--|-----------------------------|-----------------------|
|                  |  |  | December 31, 2018           | December 31, 2019     |
| AUSH             | U-Fresh Technology (Suzhou) Co., Ltd. (UFSZ)                 | Planning, design and development of construction project for environmental protection and related project management (PRC) | 100.00 <sup>(7)</sup>       | 100.00                |
| AUSH             | Edgetech Data Technologies (Suzhou) Corp., Ltd. (EDT)        | Design and sales of software and hardware integration system and equipment relating to intelligent manufacturing (PRC)     | 100.00 <sup>(7)</sup>       | 100.00                |
| AUSH             | Mega Insight Smart Manufacturing (Suzhou) Corp., Ltd. (MIS)  | Development and licensing of software relating to intelligent manufacturing, and related consulting services (PRC)         | 100.00 <sup>(7)</sup>       | 100.00                |
| UFSZ             | U-Fresh Environmental Technology (Shandong) Co., Ltd. (UFSD) | Planning, design and development of construction project for environmental protection and related project management (PRC) | -                           | 100.00 <sup>(7)</sup> |
| CQIL             | ComQi Holdings Ltd. (CQHLD)                                  | Holding company (United Kingdom)   | 100.00 <sup>(1)</sup>       | 100.00                |
| CQHLD            | ComQi UK Ltd. (CQUK)   | Sales support of content management system (United Kingdom)  | 100.00 <sup>(1)</sup>       | 100.00                |
| CQHLD            | ComQi Inc. (CQUS)  | Sales of content management system and hardware (United States)  | 100.00 <sup>(1)</sup>       | 100.00                |
| CQHLD            | ComQi Canada Inc. (CQCA)                                     | Research and development of content management system (Canada)   | 100.00 <sup>(1)</sup>       | 100.00                |
| CQUS             | JohnRyan Limited (JRUK)                                      | Development and sales of content management system and sales of related hardware (United Kingdom)                          | -                           | 100.00 <sup>(7)</sup> |
| CQUS             | JohnRyan Inc. (JRUS)   | Development and sales of content management system and sales of related hardware (United States)                           | -                           | 100.00 <sup>(7)</sup> |
| DPTW             | Darwin Precisions (L) Corp. (DPLB)                           | Holding company (Malaysia)   | 100.00                      | 100.00                |
| DPTW             | Forhouse International Holding Ltd. (FHVI)                   | Holding company (BVI)  | 100.00                      | 100.00                |
| DPTW             | Force International Holding Ltd. (FRVI) <sup>(6)</sup>       | Holding company (BVI)  | 100.00                      | -                     |
| DPTW and FRVI    | Forefront Corporation (FFMI)                                 | Holding company (Mauritius)  | 100.00                      | 100.00 <sup>(6)</sup> |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

| Name of Investor | Name of Subsidiary                             | Main Activities and Location   | Percentage of Ownership (%) |                   |
|------------------|--|--|-----------------------------|-------------------|
|                  |  |  | December 31, 2018           | December 31, 2019 |
| FHVI             | Fortech International Corp. (FTMI)             | Holding company (Mauritius)  | 100.00                      | 100.00            |
| FHVI             | Forward Optronics International Corp. (FWSA)   | Holding company (Samoa)  | 100.00                      | 100.00            |
| FHVI             | Prime Forward International Ltd. (PMSA)        | Holding company (Samoa)  | 100.00                      | 100.00            |
| FFMI             | Forhouse Electronics (Suzhou) Co., Ltd. (FHWJ) | Manufacturing of motorized treadmills (PRC)                                | 100.00                      | 100.00            |
| FTMI             | Fortech Electronics (Suzhou) Co., Ltd. (FTWJ)  | Manufacturing and sales of backlight modules and related parts (PRC)       | 100.00                      | 100.00            |
| FWSA and FTMI    | Suzhou Forplax Optronics Co., Ltd. (FPWJ)      | Manufacturing and sales of precision plastic parts (PRC)                   | 100.00                      | 100.00            |
| PMSA             | Fortech Electronics (Kunshan) Co., Ltd. (FTKS) | Manufacturing and sales of backlight modules and related parts (PRC)       | 100.00                      | 100.00            |
| DPLB             | Darwin Precisions (Hong Kong) Limited (DPHK)   | Holding company (Hong Kong)  | 100.00                      | 100.00            |
| DPLB             | Darwin Precisions (Slovakia) s.r.o. (DPSK)     | Manufacturing and sales of automotive parts (Slovakia Republic)            | 100.00                      | 100.00            |
| DPHK             | Darwin Precisions (Suzhou) Corp. (DPSZ)        | Manufacturing and sales of backlight modules and related parts (PRC)       | 100.00                      | 100.00            |
| DPHK             | Darwin Precisions (Xiamen) Corp. (DPXM)        | Manufacturing and sales of backlight modules and related parts (PRC)       | 100.00                      | 100.00            |
| BVLB             | BriView (Hefei) Co., Ltd. (BVHF)               | Manufacturing and sales of liquid crystal products and related parts (PRC) | 100.00                      | 100.00            |

Note 1: In March 2018, the Company acquired 100% of the shareholdings of CQIL and its subsidiaries (hereinafter referred to as “ComQi”) and therefore, obtained control over ComQi. Refer to note 15 for further details.

Note 2: As part of a business restructuring, AULB disposed all of its shareholdings in AUNL to AUO in December 2018. This was treated as an equity transaction as there was no change in control of AUNL by the Company.

Note 3: Although the Company did not own more than 50% of the DPTW’s ownership interests, it was considered to have de facto control over the main operating policies of DPTW. As a result, DPTW was accounted for as a subsidiary of the Company.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Note 4: As part of a business restructuring, Konly and Ronly successively disposed its shareholdings in ACTW to AUO in December 2018 and February 2019. This was treated as an equity transaction as there was no change in control of ACTW by the Company.

Note 5: As part of a business restructuring, AUO, Konly and Ronly disposed all of their shareholdings in SDMC to ACTW during the second quarter of 2018. This was treated as an equity transaction as there was no change in control of SDMC by the Company.

Note 6: As of December 31, 2019, AETJ and FRVI were liquidated and AUCZ is still in the process of liquidation. After the liquidation of FRVI, its ownership of FFMI was transferred to DPTW.

Note 7: UFSZ was incorporated in February 2018. EDT and MIS were incorporated in August 2018. UFSD was incorporated in May 2019. JRUK and JRUS were incorporated in October 2019.

(d) Foreign currency

(1) Foreign currency transactions

Transactions in foreign currencies are translated to the respective functional currencies of the individual entities of the Company at exchange rates at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are retranslated to the functional currency at the exchange rate at that date and the resulting exchange differences are included in profit or loss for the year. Non-monetary assets and liabilities denominated in foreign currencies that are measured at fair value are retranslated to the functional currency at the exchange rate at the date when the fair value was determined. The resulting exchange differences are included in profit or loss for the year except for those arising from the retranslation of non-monetary items in respect of which gains and losses are recognized directly in other comprehensive income, in which case, the exchange differences are also recognized directly in other comprehensive income. Non-monetary items in foreign currencies that are measured at historical cost are translated using the exchange rate at the date of the transaction.

Exchange differences arising from the effective portion of changes in the fair value of derivatives that are designated and qualified as cash flow hedges are recognized in other comprehensive income.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

#### (2) Foreign operations

For the purpose of presenting consolidated financial statements, the assets and liabilities of the Company's foreign operations are translated into NTD using the exchange rates at each reporting date. Income and expenses of foreign operations are translated at the average exchange rates for the period unless the exchange rates fluctuate significantly during the period; in that case, the exchange rates at the dates of the transactions are used. Foreign currency differences are recognized in other comprehensive income and accumulated in equity (attributed to shareholders of AUO and non-controlling interests as appropriate).

#### (e) Classification of current and non-current assets and liabilities

An asset is classified as current when:

- (1) The asset expected to realize, or intends to sell or consume, in its normal operating cycle;
- (2) The asset primarily held for the purpose of trading;
- (3) The asset expected to realize within twelve months after the reporting date; or
- (4) Cash and cash equivalent excluding the asset restricted to be exchanged or used to settle a liability for at least twelve months after the reporting date.

All other assets are classified as non-current.

A liability is classified as current when:

- (1) The liability expected to settle in its normal operating cycle;
- (2) The liability primarily held for the purpose of trading;
- (3) The liability is due to be settled within twelve months after the reporting date; or
- (4) The Company does not have an unconditional right to defer settlement of the liability for at least twelve months after the reporting date. Terms of a liability that could, at the option of the counterparty, result in its settlement by the issue of equity instruments, do not affect its classification.

All other liabilities are classified as non-current.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

(f) Cash and cash equivalents

Cash comprises cash balances and demand deposits. Cash equivalents comprise short-term highly liquid investments that are readily convertible into known amount of cash and are subject to an insignificant risk of changes in their fair value. Time deposits with short-term maturity but not for investments and other purposes and are qualified with the aforementioned criteria are classified as cash equivalent.

(g) Financial instruments

(1) Financial assets (policy applicable from January 1, 2018)

(i) Classification of financial assets

The Company classifies financial assets into the following categories: financial assets at amortized cost, financial assets at fair value through other comprehensive income and financial assets at fair value through profit or loss. When, and only when, the Company changes its business model for managing financial assets it shall reclassify all affected financial assets.

a. Financial assets at amortized cost

A financial asset is measured at amortized cost if it meets both of the following conditions and is not designated as measured at fair value through profit or loss:

- i. it is held within a business model whose objective is to hold financial assets to collect contractual cash flows; and
- ii. its contractual terms give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Such financial assets are initially recognized at fair value, plus any directly attributable transaction costs. Subsequently, these assets are measured at amortized cost using the effective interest method, less any impairment losses. Interest income, foreign exchange gains and losses, and recognition (reversal) of impairment losses, are recognized in profit or loss.

b. Financial assets at fair value through other comprehensive income

On initial recognition, the Company is able to make an irrevocable election to present subsequent changes in the fair value of investments in equity instruments that is not held for trading in other comprehensive income. This election is made on an instrument-by-instrument basis.



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Such financial assets are initially recognized at fair value, plus any directly attributable transaction costs. Subsequent to initial recognition, they are measured at fair value and changes therein are recognized in other comprehensive income and accumulated in equity—unrealized gains (losses) on financial assets at fair value through other comprehensive income, except for dividends deriving from equity investments which are recognized in profit or loss unless the dividend clearly represents a recovery of part of the cost of the investment. When an investment is derecognized, the cumulative gain or loss in equity will not be reclassified to profit or loss, instead, is reclassified to retained earnings.

Dividends on investments in equity instruments are recognized on the date that the Company's right to receive the dividends is established.

#### c. Financial assets at fair value through profit or loss

All financial assets not classified as at amortized cost or at fair value through other comprehensive income as described above are measured at fair value through profit or loss. This includes all derivative financial assets.

Such financial assets are initially recognized at fair value, and attributable transaction costs are recognized in profit or loss as incurred. Subsequent to initial recognition, they are measured at fair value and changes therein are recognized in profit or loss.

#### (ii) Impairment of financial assets

The Company recognizes loss allowances for expected credit losses on financial assets at amortized cost, including cash and cash equivalents, receivables, refundable deposits and other financial assets, etc., and contract assets. Loss allowances for financial assets are deducted from the gross carrying amount of the assets. The recognition or reversal of the loss allowance is recognized in profit or loss.

The expected credit loss is the weighted average of credit losses with the respective risks of a default occurring on the financial instrument as the weights.

The Company measures the loss allowance for a financial instrument at an amount equal to lifetime expected credit losses, except for the financial instrument that is determined to have low credit risk at the reporting date and the credit risk thereof has not increased significantly since initial recognition, which is measured at an amount equal to the 12-month expected credit losses. For trade receivables and contract assets, the Company measures their loss allowances at an amount equal to lifetime expected credit losses.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

When determining whether the credit risk of a financial asset has increased significantly since initial recognition, the Company considers reasonable and supportable information that is relevant. This includes both qualitative and quantitative information and analysis, based on the Company's historical experience and credit assessment as well as forward-looking information.

In the circumstance that a financial asset is past due or the borrower is unlikely to pay its credit obligations to the Company in full, the Company considers the credit risk on that financial asset has significantly increased, or further, to be in default.

At each reporting date, the Company assesses whether financial assets at amortized cost are credit-impaired. A financial asset is "credit-impaired" when one or more events that have a detrimental impact on the estimated future cash flows of the financial asset have occurred.

#### (iii) De-recognition of financial assets

The Company derecognizes financial assets when the contractual rights to the cash flows from the asset expire, or when the Company transfers substantially all the risks and rewards of ownership of the financial assets to another entity.

#### (2) Financial assets (policy applicable before January 1, 2018)

##### (i) Classification of financial assets

The Company classifies financial assets into the following categories: financial assets at fair value through profit or loss, receivables and available-for-sale financial assets.

##### a. Financial assets at fair value through profit or loss

The Company has certain financial assets to hedge its exposure to foreign exchange risk arising from operating and financing activities. When a financial asset is not effective as a hedge, the Company accounts for it as a financial asset at fair value through profit or loss.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

#### **b. Available-for-sale financial assets**

Available-for-sale financial assets are non-derivative financial assets that are either designated as available-for-sale or are not classified as receivables or financial assets at fair value through profit or loss. Available-for-sale financial assets are recognized initially at fair value, plus any directly attributable transaction cost. Subsequent to initial recognition, they are measured at fair value and changes therein, other than impairment losses, dividend income and foreign currency differences related to monetary financial assets, are recognized in other comprehensive income and presented within equity in unrealized gains (losses) on available-for-sale financial assets. When an investment is derecognized, the cumulative gain or loss in equity is reclassified to profit or loss. A regular way, purchase or sale of financial assets shall be recognized and derecognized, as applicable, using trade date accounting.

Investments in equity instruments that do not have a quoted market price in an active market, and whose fair value cannot be reliably measured, are carried at their cost less any impairment losses.

Cash dividends on equity instruments are recognized in profit or loss on the date that the Company's right to receive dividends is established.

#### **c. Receivables**

Receivables are financial assets with fixed or determinable payments that are not quoted in an active market. Receivables comprise trade receivables and other receivables. Such assets are recognized initially at fair value, plus any directly attributable transaction costs. Subsequently, receivables are measured at amortized cost using the effective interest method, less any impairment. If the effect of discounting is immaterial, the short-term receivables are measured at the original amount.

#### **(ii) Impairment of financial assets**

Financial assets not measured at fair value through profit or loss are assessed at each reporting date for indicators of impairment. Financial assets are considered to be impaired if an objective evidence indicates that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of those assets have been negatively impacted.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

When an available-for-sale equity security is considered to be impaired, cumulative gains or losses previously recognized in other comprehensive income are reclassified to profit or loss. Such impairment losses are not reversed through profit or loss. However, any subsequent recovery in the fair value of an impaired available-for-sale equity security is recognized in other comprehensive income and accumulated in other components of equity.

For receivables, the Company first assesses whether objective evidence of impairment exists that are individually significant. If there is objective evidence that an impairment loss has occurred, the amount of impairment loss is assessed individually. For receivables other than those aforementioned, the Company groups those assets and collectively assesses them for impairment. An impairment loss for trade receivables is reflected in an allowance account against the receivables. When it is determined a receivable is uncollectible, it is written off from the allowance account. If any subsequent recovery of receivable previously written off can be related objectively to an event occurring after the impairment loss was recognized, it is credited against the allowance account and recognized in profit or loss.

For equity instruments without a quoted market price in an active market, the objective evidence of impairment includes the investees' financial information, current operating result, future business plans and relevant industry and public market information. An impairment loss for this kind of equity instruments is reduced from the carrying amount and any impairment loss recognized is not reversed through profit or loss in subsequent periods.

Bad debt expenses and reversal of allowance for doubtful debts for trade receivables are recognized in general and administrative expenses while impairment losses and reversal of impairment for financial assets other than receivables are recognized in other gains and losses.

#### (iii) De-recognition of financial assets

The Company derecognizes financial assets when the contractual rights to the cash inflow from the asset expire, or when the Company transfers substantially all the risks and rewards of ownership of the financial assets to another entity.

On de-recognition of a financial asset in its entirety, the difference between the carrying amount and the sum of the consideration received or receivable and any cumulative gain or loss that had been recognized in other comprehensive income is recognized in profit or loss.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

(3) Financial liabilities

(i) Classification of financial liabilities

The Company classifies financial liabilities into the following categories: financial liabilities at fair value through profit or loss and other financial liabilities.

a. Financial liabilities at fair value through profit or loss

The Company designates financial liabilities as held for trading for the purpose of hedging exposure to foreign exchange risk arising from operating and financing activities. When a financial liability is not effective as a hedge, the Company accounts for it as a financial liability at fair value through profit or loss.

The Company designates financial liabilities, other than the one mentioned above, as at fair value through profit or loss at initial recognition. Attributable transaction costs are recognized in profit or loss as incurred. Financial liabilities in this category are subsequently measured at fair value and changes therein, which takes into account any interest expense, are recognized in profit or loss.

b. Other financial liabilities

Financial liabilities not classified as held for trading, or not designated as at fair value through profit or loss (including loans and borrowings, trade and other payables), are measured at fair value, plus any directly attributable transaction cost at the time of initial recognition. Subsequent to initial recognition, they are measured at amortized cost calculated using the effective interest method, except for insignificant recognition of interest expense from short-term borrowings and payables. Interest expense not capitalized as an asset cost is recognized in profit or loss.

(ii) De-recognition of financial liabilities

The Company derecognizes financial liabilities when the contractual obligation has been discharged, cancelled or expired. The difference between the carrying amount and the consideration paid or payable, including any non-cash assets transferred or liabilities assumed is recognized in profit or loss.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

#### (4) Offsetting of financial assets and liabilities

The Company presents financial assets and liabilities on a net basis in the consolidated statement of financial position when the Company has the legally enforceable rights to offset, and intends to settle such financial assets and liabilities on a net basis or to realize the assets and settle the liabilities simultaneously.

#### (h) Inventories

The cost of inventories includes all necessary expenditures and charges for bringing the inventory to a stable, useable and marketable condition and location. The production overhead is allocated to finished goods and work in progress based on the normal capacity of the production facilities. Subsequently, inventories are measured at the lower of cost and net realizable value. Cost is determined using the weighted-average method. Net realizable value is calculated based on the estimated selling price less all estimated costs of completion and the estimated costs necessary to make the sale.

#### (i) Noncurrent assets held for sale

Noncurrent assets are classified as held for sale when their carrying amounts are expected to be recovered primarily through sale rather than through continuing use. Such noncurrent assets must be available for immediate sale in their present condition and the sale is highly probable within one year. When classified as held for sale, the assets are measured at the lower of their carrying amount and fair value less costs to sell. Impairment losses on initial classification as held for sale and subsequent gains or losses on re-measurement are recognized in profit or loss. However, subsequent gains are not recognized in excess of the cumulative impairment loss that has been recognized.

When intangible assets and property, plant and equipment are classified as held for sale, they are no longer amortized or depreciated. In addition, once an equity-accounted investee is classified as held for sale, it is no longer equity accounted.

#### (j) Investments in associates and joint ventures

Associates are those entities in which the Company has the power to exercise significant influence, but not control or joint control, over their financial and operating policies.

Joint venture is a joint arrangement whereby the Company and other parties agreed to share the control of the arrangement, and have rights to the net assets of the arrangement. Unanimous consent from the parties sharing control is required when making decisions for the relevant activities of the arrangement.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

Investments in associates or joint ventures are accounted for using the equity method and are recognized initially at cost. The cost of the investment includes transaction costs. The consolidated financial statements include the Company's share of the profit or loss and other comprehensive income of associates or joint ventures. When an associate or a joint venture incurs changes in its equity not derived from profit or loss and other comprehensive income, the Company recognizes all the equity changes in proportion to its ownership interest in the associate or joint venture as capital surplus provided that the ownership interest in the associate or joint venture remains unchanged.

The difference between acquisition cost and fair value of associates' or joint ventures' identifiable assets and liabilities as of the acquisition date is accounted for as goodwill. Goodwill is included in the original investment cost of acquired associates or joint ventures and is not amortized. If the fair value of identified assets and liabilities is in excess of acquisition cost, the remaining excess over acquisition cost is recognized as a gain in profit or loss.

The Company discontinues the use of the equity method from the date when its investment ceases to be an associate or a joint venture, and then measures the retained interests at fair value at that date. The difference between the carrying amount of the investment at the date the equity method was discontinued and the fair value of the retained interests along with any proceeds from disposing of a part interest in the associate or joint venture is recognized in profit or loss. Moreover, the Company accounts for all amounts previously recognized in other comprehensive income in relation to that investment on the same basis as would be required if the investee had directly disposed of the related assets or liabilities.

When the Company subscribes for additional shares in an associate or a joint venture at a percentage different from its existing ownership percentage, the resulting carrying amount of the investment differs from the amount of the Company's proportionate interest in the net assets of the associate or joint venture. The Company records such a difference as an adjustment to investments with the corresponding amount charged or credited to capital surplus. If the capital surplus arising from investment accounted for under the equity method in associates or joint ventures is insufficient to offset with the said corresponding amount, the differences will be charged or credited to retained earnings.

If the Company's ownership interest in an associate or a joint venture is reduced due to disposal of or disproportionate subscription to the shares, but the Company continues to apply the equity method, the Company shall reclassify to profit or loss the proportion of the gain or loss that had previously been recognized in other comprehensive income relating to that reduction in ownership interest on the same basis as would be required if the investee had directly disposed of the related assets or liabilities.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

At the end of each reporting period, if there is any indication of impairment, the entire carrying amount of the investment including goodwill is tested for impairment as a single asset, by comparing its recoverable amount with its carrying amount. An impairment loss recognized forms part of the carrying amount of the investment in associates or joint ventures. Accordingly, any reversal of that impairment loss is recognized to the extent that the recoverable amount of the investment subsequently increases.

Profits and losses resulting from the transactions between the Company and associates or joint ventures are recognized in the Company's consolidated financial statements only to the extent of interests in the associate or joint venture that are not related to the Company.

When the Company's share of losses exceeds its interest in an associate or a joint venture, the carrying amount of that interest, including any long-term investments that form part thereof, is reduced to zero, and the recognition of further losses is discontinued except to the extent that the Company has a legal or constructive obligation, or has made payments on behalf of the investee.

(k) Investment property

Investment property is the property held either to earn rental income or for capital appreciation or for both, but not for sale in the ordinary course of business, use in the production or supply of goods or services or for administrative purposes. Investment property is measured at cost on initial recognition. Subsequent to initial recognition, investment properties are measured using the cost model. Depreciation is charged and recognized in profit or loss based on the depreciable amount. Depreciation methods, useful lives and residual values are in accordance with the policy of property, plant and equipment. Cost includes expenditure that is directly attributable to the acquisition of the investment property.

An investment property is reclassified to property, plant and equipment at its carrying amount when the use of the investment property changes.

(l) Property, plant and equipment

(1) Recognition and measurement

Items of property, plant and equipment are measured at cost less accumulated depreciation and accumulated impairment losses. Cost includes expenditure that is directly attributed to the acquisition of the asset, any cost directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management, the initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located, and any borrowing cost that is eligible for capitalization. The cost of the software is capitalized as part of the equipment if the purchase of the software is necessary for the equipment to be capable of operating.



## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

When part of an item of property, plant and equipment with a cost that is significant in relation to the total cost of the item and the useful life or the depreciation method of the significant part is different from another significant part of that same item, it is accounted for as a separate item (significant component) of property, plant and equipment.

The gain or loss arising from the derecognition of an item of property, plant and equipment is determined as the difference between the net disposal proceeds, if any, and the carrying amount of the item, and is recognized in profit or loss.

#### **(2) Subsequent costs**

Subsequent expenditure is capitalized only when it is probable that the future economic benefits associated with the expenditure will flow to the Company and the cost of the item can be measured reliably. Ongoing repairs and maintenance expenses are recognized in profit or loss as incurred.

#### **(3) Depreciation**

Depreciation is determined by depreciable amount allocated over the estimated useful lives of the respective assets, considering significant components of an individual asset on a straight-line basis. If a component has a useful life that is different from the remainder of that asset, that component is depreciated separately. Depreciation is recognized in profit or loss.

Leased assets are depreciated over their useful lives if it is reasonably certain that the Company will obtain ownership by the end of the lease term. Otherwise, leased assets are depreciated over the shorter of the lease term and their useful lives.

Except for land, which is not depreciated, the estimated useful lives of the assets are as follows:

- (i) Buildings: 20~50 years
- (ii) Machinery and equipment: 3~10 years
- (iii) Other equipment: 3~6 years

Depreciation methods, useful lives, and residual values are reviewed at each annual reporting date and, if necessary, adjusted as appropriate. Any changes therein are accounted for as changes in accounting estimates.

#### **(4) Reclassification to investment property**

A property is reclassified to investment property at its carrying amount when the use of the property changes from owner-occupied to investment purpose.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(m) Long-term prepaid rent (policy applicable before January 1, 2019)

Long-term prepaid rent is for the right to use of land (classified as other noncurrent assets), which is amortized over the shorter of economic useful life or the covenant period on a straight-line basis.

(n) Leases

(1) Leases (policy applicable from January 1, 2019)

(i) Identifying a lease

A contract is, or contains, a lease when all the following conditions are satisfied:

- a. the contract involves the use of an identified asset, and the supplier does not have a substantive right to substitute the asset; and
- b. the Company has the right to obtain substantially all of the economic benefits from use of the identified asset throughout the period of use; and
- c. the Company has the right to direct the use of the identified asset throughout the period of use.

(ii) As a lessee

Payments for leases of low-value assets and short-term leases are recognized as expenses on a straight-line basis during the lease term for which the recognition exemption is applied. Except for leases described above, a right-of-use asset and a lease liability shall be recognized for all other leases at the lease commencement date.

The Company recognizes a right-of-use asset and a lease liability at the lease commencement date. The lease liability is initially measured at the present value of the lease payments (including fixed payments and variable lease payments that depend on an index or a rate), discounted using the lessee's incremental borrowing rate. The right-of-use asset is initially measured at cost, which comprises the initial amount of the lease liability, adjusted for any lease payments made at or before the commencement date, less any lease incentives received, plus any initial direct costs incurred and an estimate of costs to be incurred in restoring the underlying asset.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

The right-of-use asset is subsequently depreciated using the straight-line method over the shorter of the useful life of the right-of-use asset or the lease term. The lease liability is subsequently measured at amortized cost using the effective interest method. It is remeasured (i) if there is a change in the lease term; (ii) if there is a change in future lease payments arising from a change in an index or a rate; (iii) if there is a change in the amounts expected to be payable under a residual value guarantee; or (iv) if the Company changes its assessment of whether it will exercise a purchase, extension or termination option. When the lease liability is remeasured in the circumstances aforementioned, a corresponding adjustment is made to the carrying amount of the right-of-use asset. However, if the carrying amount of the right-of-use asset is reduced to zero, any remaining amount of the remeasurement is recognized in profit or loss.

Moreover, the lease liability is remeasured when lease modifications occur that decrease the scope of the lease. The Company accounts for the remeasurement of the lease liability by decreasing the carrying amount of the right-of-use asset to reflect the partial or full termination of the lease, and recognizes in profit or loss any gain or loss relating to the partial or full termination of the lease.

(iii) As a lessor

Lease income from an operating lease is recognized in profit or loss on a straight-line basis over the lease term. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the asset leased to others and recognized as an expense on a straight-line basis over the lease term.

(2) Leases (policy applicable before January 1, 2019)

(i) Lessor

Lease income from an operating lease is recognized in profit or loss on a straight-line basis over the lease term. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognized as an expense on a straight-line basis over the lease term.

(ii) Lessee

Payments made under operating lease (excluding insurance and maintenance expenses) are recognized in profit or loss on a straight-line basis over the term of the lease.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

(o) Intangible assets

(1) Goodwill

Goodwill is recognized when the purchase price exceeds the fair value of identifiable net assets acquired in a business combination. Goodwill is measured at cost less accumulated impairment losses.

Equity-method goodwill is included in the carrying amounts of the equity investments. The impairment losses for the goodwill within the equity-accounted investees are accounted for as deductions of carrying amounts of investments in equity-accounted investees.

(2) Research and development

During the research phase, activities are carried out to obtain and understand new scientific or technical knowledge. Expenditures during this phase are recognized in profit or loss as incurred.

Expenditure arising from development is capitalized as an intangible asset when the Company demonstrates all of the following:

- (i) the technical feasibility of completing the intangible asset so that it will be available for use or sale;
- (ii) its intention to complete the intangible asset and use or sell it;
- (iii) its ability to use or sell the intangible asset;
- (iv) the probability that the intangible asset will generate probable future economic benefits;
- (v) the availability of adequate technical, financial and other resources to complete the development and to use or sell the intangible asset; and
- (vi) its ability to measure reliably the expenditure attributable to the intangible asset during its development.

Development expenditure which fails to meet the criteria for recognition as an intangible asset is reflected in profit or loss when incurred. Capitalized development expenditure is measured at cost less accumulated amortization and any accumulated impairment losses.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

(3) Other intangible assets

Other intangible assets acquired are measured at cost less accumulated amortization and any accumulated impairment losses.

(4) Subsequent expenditure

Subsequent expenditure is capitalized only when it increases the future economic benefits embodied in the specific asset to which it relates. All other expenditure, including expenditure on internally generated goodwill and brands, is recognized in profit or loss as incurred.

(5) Amortization

The depreciable amount of an intangible asset is the cost less its residual value. Other than goodwill and intangible assets with indefinite useful life, an intangible asset with a finite useful life is amortized over 3 to 20 years using the straight-line method from the date that the asset is made available for use. The amortization charge is recognized in profit or loss.

The residual value, amortization period, and amortization method are reviewed at least annually at each annual reporting date, and any changes therein are accounted for as changes in accounting estimates.

(p) Impairment – non-financial assets

Other than inventories, deferred tax assets and noncurrent assets held for sale, the carrying amounts of the Company's investment property measured at cost and other long-term non-financial assets (property, plant and equipment, right-of-use assets and other intangible assets with finite useful lives), are reviewed at the reporting date to determine whether there is any indication of impairment. When there is an indication of impairment exists for the aforementioned assets, the recoverable amount of the asset is estimated. If it is not possible to estimate the recoverable amount of an individual asset, the Company estimates the recoverable amount of CGU to which the asset has been allocated to.

In performing an impairment test for other long-term non-financial assets, the estimated recoverable amount is evaluated in terms of an asset or a CGU. Any excess of the carrying amount of the asset or its related CGU over its recoverable amount is recognized as an impairment loss. The recoverable amount of an asset or a CGU is the higher of its fair value less costs of disposal and its value in use.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

If there is evidence that the accumulated impairment loss of an asset other than goodwill and intangible assets with indefinite useful lives in prior years no longer exists or has decreased, the amount previously recognized as an impairment loss is reversed, and the carrying amount of the asset or CGU is increased to the revised estimate of its recoverable amount. The increased carrying amount shall not exceed the carrying amount that would have been determined (net of depreciation or amortization) had no impairment loss been recognized for the asset in prior years.

For goodwill and intangible assets with indefinite useful lives or that are not yet available for use, are required to be tested for impairment at least annually. Any excess of the carrying amount of the asset over its recoverable amount is recognized as an impairment loss.

For the purpose of impairment test, goodwill acquired in a business combination is allocated to CGUs that are expected to benefit from the synergies of the combination. If the recoverable amount of a CGU is less than its carrying amount, the difference is allocated first to reduce the carrying amount of any goodwill allocated to the unit, then the carrying amounts of the other assets in the unit on a pro rata basis. The impairment loss recognized on goodwill is not reversed in a subsequent period.

#### (q) Provisions

A provision is recognized when the Company has a present obligation arising from a past event, it is probable that the Company will be required to make an outflow of resources embodying economic benefits to settle the obligation, and the amount of the obligation can be estimated reliably. Provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects the current market assessments of the time value of money and the risks specific to the liability. The unwinding of the discount is recognized as interest expense.

##### (1) Warranties

A provision for warranties is recognized when the underlying products or services are sold. The provision is weighting factors based on historical experience of warranty claims rate and other possible outcomes against their associated probabilities.

##### (2) Decommissioning obligation

The Company is subject to decommissioning obligations related to certain items of property, plant and equipment. Such decommissioning obligations are primarily attributable to clean-up costs, including deconstruction, transportation, and recover costs. The unwinding of the discount based on original discount rate is recognized in profit or loss as interest expense over the periods with corresponding increase in the carrying amounts of the accrued decommissioning costs. The carrying amount of the accruals at the end of the assets' useful lives is the same as the estimated decommissioning costs.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### (3) Onerous contracts

A provision for onerous contracts is recognized when the expected benefits to be derived by the Company from a contract are lower than the unavoidable cost of meeting its obligations under the contract. The provision is measured at the present value of the lower of the expected cost of terminating the contract and the expected net cost of continuing with the contract. Before a provision is established, the Company recognizes any impairment loss on the assets associated with that contract.

#### (4) Loss contingencies

Management periodically assesses the obligation of all litigation and claims and relative legal costs. Provision for loss contingencies arising from claims, assessments, litigation, fines, and penalties and other sources are recognized when it is probable the present obligation as a result of a past event will result in an outflow of resources and the amount can be reasonably estimated.

Provisions recognized are the best estimates of the expenditure for settling the present obligation at each reporting date.

#### (r) Treasury shares

Where the Company repurchases its common stock that has been issued, the consideration paid, including all directly attributable costs is recorded as treasury share and deducted from equity. When treasury share is reissued, the excess of sales proceeds over cost is accounted for as capital surplus - treasury shares. If the sales proceeds are less than cost, the deficiency is accounted for as a reduction of capital surplus arising from similar types of treasury shares. If such capital surplus is insufficient to cover the deficiency, the remainder is recorded as a reduction of retained earnings. The carrying amount of treasury share is calculated using the weighted-average cost of different types of repurchase.

If treasury share is retired, the weighted-average cost of the retired treasury share is written off against the par value and the capital surplus premium, if any, of the stock retired on a pro rata basis. If the weighted-average cost written off exceeds the sum of the par value and the capital surplus premium, the difference is accounted for as a reduction of capital surplus - treasury shares, or a reduction of retained earnings for any deficiency where capital surplus - treasury shares is insufficient to cover the difference. If the weighted-average cost written off is less than the sum of the par value and the capital surplus premium, if any, of the stock retired, the difference is accounted for as an increase in capital surplus - treasury shares.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

- (s) Revenue from contracts with customers (policy applicable from January 1, 2018)

Revenue is measured based on the consideration that the Company expects to be entitled in the transfer of goods or services to a customer. The Company recognizes revenue when it satisfies a performance obligation by transferring control over a product or service to a customer. The following is a description of the Company's major revenues:

- (1) Sales of goods

Revenue is recognized when the control over a product has been transferred to the customer. The transfer of control refers to the product has been delivered to and accepted by the customer without remaining performance obligations from the Company. Delivery occurs when the product has been shipped to the specified location and the risk of loss over the product has been transferred to the customer, as well as when the product has been accepted by the customer according to the terms of sales contract, or when the Company has objective evidence that all criteria for acceptance have been satisfied.

For certain contracts with volume discounts offer to customers, revenue is recognized on a net basis of contract price less estimated volume discounts, and only to the extent that it is highly probable that a significant reversal will not occur. The amount of volume discounts is estimated based on the expected value with reference to the historical experience, and is recorded as refund liability (presented under other current liabilities).

Trade receivable is recognized when the Company is entitled for unconditional right to receive payment upon delivery of goods to customers. The consideration received in advance from the customer according to the sales contract but without delivery of goods is recognized as a contract liability, for which revenue is recognized when the control over the goods is transferred to the customer.

The Company provides standard warranties for goods sold and has obligation to refund payments for defective goods, in which the Company has recognized provisions for warranties to fulfill the obligation. Refer to note 25 for further details.

- (2) Construction contracts

For construction contracts, revenue is recognized progressively based on the progress towards complete satisfaction of contract activities, and only to the extent that it is highly probable that a significant reversal in the amount of cumulative revenue recognized will not occur.



## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

If the Company cannot reasonably measure its progress towards complete satisfaction of performance obligations in accordance with the construction contracts, revenue is recognized only to the extent of contract costs incurred that it is expected to be recoverable.

The consideration is paid by the customer according to the agreed payment terms. The excess of the amount that has been recognized as revenue over the amount that the Company has issued a bill is recognized as a contract asset. When the entitlement to the payment becomes unconditional, the contract asset is transferred to receivables.

A contract liability is recognized for an advance consideration that the Company has billed to customers arising from construction contracts. When the construction is completed and accepted by the customers, the contract liability is transferred to revenue.

If there are changes in circumstances, the estimates of revenue, cost and the progress towards complete satisfaction of contract will be amended. Any changes therein are recognized in profit or loss during the period in which the changes and amendments are made.

The Company provides standard warranties for construction contracts and has recognized provisions for warranties to fulfill the obligation. Refer to note 25 for further details.

#### **(3) Financing components**

The Company expects that the length of time when the Company transfers the goods or services to the customer and when the customer pays for those goods or services will be less than one year. Therefore, the amount of consideration is not adjusted for the time value of money.

#### **(t) Revenue recognition**

##### **(1) Goods sold (policy applicable before January 1, 2018)**

Revenue from the sale of goods in the course of ordinary activities is measured at the fair value of the consideration received or receivable, net of returns, trade discounts and volume rebates. Revenue is recognized when the significant risks and rewards of ownership have been transferred to the customer, recovery of the consideration is probable, the associated costs and possible return of goods can be estimated reliably, there is no continuing management involvement with the goods, and the amount of revenue can be measured reliably. If it is probable that discounts will be granted and the amount can be measured reliably, then the discount is recognized as a reduction of revenue as the sales are recognized.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

The timing of the transfers of risks and rewards varies depending on the individual terms of the sales agreement.

(2) Government grants

(i) Grants for compensating the research and development expenditures

Grants that compensate the Company for research and development expenditures are recognized in profit or loss on a systematic basis in the periods in which the expenses are recognized.

(ii) Grants related to the purchase of assets

Grants related to the purchase of assets are set up as deferred income and are recognized in profit or loss on a systematic basis over the useful life of the assets.

(iii) Other grants

Other grants from government that becomes receivable as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to the Company with no future related costs are recognized in profit or loss of the period in which it becomes receivable.

(u) Employee benefits

(1) Defined contribution plans

Obligations for contributions to defined contribution pension plans are recognized as an employee benefit expense in profit or loss in the periods during which services are rendered by employees.

(2) Defined benefit plans

The Company's net obligation in respect of defined benefit pension plans is calculated separately for each benefit plan by estimating the amount of future benefit that employees have earned in the current and prior periods, discounting that amount and deducting the fair value of any plan assets. Discount rate is determined by reference to the yield rate of Taiwan government bonds at the reporting date. The calculation of defined benefit obligations is performed annually by a qualified actuary using the Projected Unit Credit Cost Method.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Remeasurements of the net defined benefit liability (asset) which comprise actuarial gains and losses, the return on plan assets (excluding interest) and the effect of the asset ceiling (if any, excluding interest), are recognized in other comprehensive income in the period in which they occur, and which then are reflected in retained earnings and will not be reclassified to profit or loss.

#### (3) Short-term employee benefits

Short-term employee benefit obligations, which are due to be settled within twelve months are measured on an undiscounted basis and are expensed as the related service is provided.

The expected cost of cash bonus or profit-sharing plans, which is anticipated to be paid within one year, are recognized as a liability when the Company has a present legal or constructive obligation to pay this amount as a result of past service provided by the employee, and the obligation can be estimated reliably.

#### (v) Share-based payment arrangements

The compensation cost of employee share-based payment arrangements is measured based on the fair value at the date on which they are granted. The compensation cost is recognized, together with a corresponding increase in equity, over the periods in which the employees become unconditionally entitled to the awards. The amount recognized as an expense is adjusted to reflect the number of awards whose related service and non-market performance conditions are expected to be met, such that the amount ultimately recognized as an expense is based on the number of awards that meet the related service and non-market performance conditions at the vesting date.

For share-based payment awards with non-vesting conditions, the grant-date fair value of the share-based payment is measured to reflect such conditions, and there is no true-up for differences between expected and actual outcomes.

#### (w) Income taxes

Income tax expense comprises current and deferred taxes.

##### (1) Current taxes

Current taxes comprise the expected tax payable or receivable on the taxable income or losses for the year and any adjustments to tax payable or receivable in respect of previous years. It is measured using the statutory tax rate or the actual legislative tax rate at the reporting date.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

In accordance with the ROC Income Tax Act, undistributed earnings from the companies located in the Republic of China, if any, is subject to an additional surtax. The surtax on unappropriated earnings is recognized during the period the earnings arise and adjusted to the extent that distributions are approved by the shareholders in the following year.

#### **(2) Deferred taxes**

Deferred taxes are recognized in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. Deferred tax liabilities are recognized for temporary difference of future taxable income. Deferred tax assets are recognized for unused tax losses, unused tax credits and deductible temporary differences to the extent that it is probable that future taxable profits will be available against which they can be utilized.

Deferred tax assets are reviewed at annual reporting date, by considering global economic environment, industry environment, statutory tax deduction years and projected future taxable income, and reduced to the extent that it is no longer probable that the related tax benefit will be realized. Deferred tax assets which originally not recognized is also reviewed at annual reporting date and recognized to the extent that it is probable that future taxable profits will be available to allow all or part of the deferred tax asset to be recovered.

Deferred taxes liabilities for taxable temporary differences related to investments in subsidiaries, associates and joint arrangements are recognized, unless the Company is able to control the timing of the reversal of the taxable temporary differences and it is probable that they will not reverse in the foreseeable future.

Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when the reverse, using the statutory tax rate or the actual legislative tax rate on the reporting date. Deferred tax assets and liabilities are offset only if certain criteria are met.

Current taxes and deferred taxes are recognized in profit or loss except to the extent that it relates to items recognized directly in equity or other comprehensive income.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

(x) Business combinations

The consideration transferred in the acquisition is measured at fair value, as are identifiable net assets acquired. Goodwill is measured as the excess of the aggregate of the fair value of consideration transferred and the amount of any non-controlling interests in the acquiree over the net identifiable assets acquired and liabilities assumed. If the fair value of the net assets acquired is in excess of the aggregate consideration transferred and the amount of any non-controlling interests in the acquiree, after reassessing all of the assets acquired and all of the liabilities assumed being properly identified, the difference is recognized in profit or loss as a gain on bargain purchase.

Acquisition-related costs are expensed as incurred, except that the costs are related to the issue of debt or equity instruments.

Non-controlling interests in an acquiree that are present ownership interests and entitle their holders to a proportionate share of the entity's net assets in the event of liquidation are measured, on a case-by-case basis, at either fair value or the present ownership instruments' proportionate share in the recognized amounts of the acquiree's net identifiable assets. All other components of non-controlling interests shall be measured at their acquisition-date fair values, unless another measurement basis is required by IFRSs.

Any contingent consideration included in the consideration transferred is recognized at fair value at the date of acquisition. Subsequent changes to the fair value of the contingent consideration during the measurement period shall adjust to the cost of the acquisition and the resulting goodwill retrospectively. An adjustment made during the measurement period is to reflect additional information obtained by the Company about facts and circumstances that existed as of the acquisition date. The measurement period shall not exceed one year from the acquisition date. The accounting treatment for those changes to the fair value of the contingent consideration that are not measurement period adjustments is depending on the classification of the contingent consideration. If the contingent consideration is classified as equity, it is not remeasured and the subsequent settlement is accounted for within equity. Otherwise, other contingent consideration is remeasured at fair value at each reporting date and subsequent changes in the fair value are recognized in profit or loss.

(y) Earnings (loss) per share

Basic earnings (loss) per share is computed by dividing profit or loss attributable to the shareholders of AUO by the weighted-average number of common shares outstanding during the period. In computing diluted earnings per share, profit or loss attributable to the shareholders of AUO and the weighted-average number of common shares outstanding during the period are adjusted for the effects of dilutive potential common stock, assuming dilutive share equivalents had been issued.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

The weighted-average outstanding shares are retroactively adjusted for the effects of stock dividends transferred from retained earnings or capital surplus to common stock.

(z) **Operating segments**

An operating segment is a component of an entity: (1) that engages in business activities from which it may earn revenue and incur expenses (including revenues and expenses relating to transactions with other components of the same entity), (2) whose operating results are reviewed regularly by the entity's chief operating decision maker ("CODM") to make decisions pertaining to the allocation of resources to the segment and to assess its performance, and (3) for which discrete financial information is available. Management has determined that the Company has two operating segments: display and energy (formerly named "solar").

The accounting policies for the operating segments are the same as those used in the preparation of the consolidated financial statements of the Company. Segment profit (loss) is determined by deducting selling, administrative and research and development expenses from gross profit. Segment profit (loss) excludes long-lived asset impairments, gains and losses on disposal of assets, litigation provisions, foreign currency exchange gains or losses, finance cost, income taxes, share of profit (loss) from equity-accounted investees, and other miscellaneous income and expenses. The CODM does not receive asset and liability information by operating segment. Consequently, no operating segment asset and liability information is disclosed. Geographic net revenue information is based upon the location of customers placing orders.

#### **6. Use of Judgments and Estimates**

The preparation of the consolidated financial statements in conformity with IFRSs requires management to make judgments, estimates and assumptions that affect the application of the accounting policies and the reported amount of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Estimates and underlying assumptions are reviewed by management on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.

Information about critical judgments, estimates and assumptions in applying accounting policies that have the significant effect on the amounts recognized in the consolidated financial statements is included in the following notes:

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

(a) Estimate of provisions

Provision for warranty is estimated when product revenue is recognized. The estimate has been made based on the quantities within the warranty period, the historical and anticipated warranty claims rate associated with similar products and services, and the projected unit cost of maintenance. The Company regularly reviews the basis of the estimate and if necessary, amends it as appropriate. There could be a significant impact on provision for warranty for any changes of the basis of the estimate.

Provision for unsettled litigation and claims is recognized when it is probable that it will result in an outflow of the Company's resources and the amount can be reasonably estimated. While the ultimate resolution of litigation and claims cannot be predicted with certainty, the final outcome or the actual cash outflow may be materially different from the estimated liability.

(b) Impairment of long-term non-financial assets, other than goodwill

In the process of evaluating the potential impairment of tangible and intangible assets other than goodwill, the Company is required to make subjective judgments in determining the independent cash flows, useful lives, expected future income and expenses related to the specific asset groups with the consideration of the usage mode of asset and the nature of industry. Any changes in these estimates based on changed economic conditions or business strategies could result in significant impairment charges or reversal in future years.

(c) Impairment of goodwill

The assessment of impairment of goodwill requires the Company to make subjective judgment to determine the identified CGUs, allocate the goodwill to relevant CGUs and estimate the recoverable amount of relevant CGUs.

(d) Measurement of defined benefit obligations

Accrued pension liabilities and the resulting pension expenses under defined benefit pension plans are calculated using the Projected Unit Credit Cost Method. Actuarial assumptions comprise the discount rate, rate of employee turnover, long-term average future salary increase, etc. Changes in economic circumstances and market conditions will affect these assumptions and may have a material impact on the amount of the expense and the liability.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(e) Recognition of deferred tax assets

Deferred tax assets are recognized to the extent that it is probable that future taxable profits will be available against which those deferred tax assets can be utilized. Assessment of the realization of the deferred tax assets requires management's subjective judgment and estimate, including the future revenue growth and profitability, the sources of taxable income, the amount of tax credits can be utilized and feasible tax planning strategies. Changes in the global economic environment, the industry trends and relevant laws and regulations may result in adjustments to the deferred tax assets.

(f) Estimate of variable consideration of revenue (applicable from January 1, 2018)

The Company estimates the amount of variable consideration by using methods either the expected value or the most likely amount based on historical experience, market and economic situation and any known factors that would significantly affect the estimates. The amount of variable consideration is recognized as a reduction of revenue in the same period the related revenue is recognized. The Company periodically reviews the reasonableness of the estimated variable consideration. However, the adequacy of estimations may be affected by factors such as market price competition and the evolution of product technology, which could result in significant adjustments to the variable consideration.

(g) Estimate of allowance for sales returns and discounts (applicable before January 1, 2018)

The Company records a provision as the deduction of revenue for estimated future sales returns and other allowances in the same period the related revenue is recognized. Estimated sales returns and other allowances are generally made and adjusted based on historical experience, management's judgment and any known factors that would significantly affect the allowance, and management periodically reviews the reasonableness of the estimates.

(h) Valuation of inventories

As inventories are stated at the lower of cost or net realizable value, the Company estimates the net realizable value of inventories for obsolescence and unmarketable items at the end of reporting period and then writes down the cost of inventories to net realizable value. The net realizable value of the inventory is mainly determined based on assumptions of future demand within a specific time horizon. Due to the rapid industrial transformation, there may be significant changes in the net realizable value of inventories.



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 7. Cash and Cash Equivalents

|   | <b>December 31,</b>  |                   |
|---|----------------------|-------------------|
|   | <b>2018</b>          | <b>2019</b>       |
|   | (in thousands)       |                   |
| Cash on hand, demand deposits and checking accounts | \$ 30,134,051        | 46,290,722        |
| Time deposits                                       | 38,939,198           | 34,124,011        |
| Government bonds with reverse repurchase agreements | 90,047               | 35,039            |
|   | <b>\$ 69,163,296</b> | <b>80,449,772</b> |

Refer to note 41 for the disclosure of credit risk, currency risk and sensitivity analysis of the financial instruments of the Company.

As at December 31, 2018 and 2019, no cash and cash equivalents were pledged with banks as collaterals.

#### 8. Financial Assets and Liabilities at Fair Value through Profit or Loss (“FVTPL”)

|   | <b>December 31,</b> |                  |
|---|---------------------|------------------|
|   | <b>2018</b>         | <b>2019</b>      |
|   | (in thousands)      |                  |
| Financial assets mandatorily measured at FVTPL: |                     |                  |
| Foreign currency forward contracts              | \$ 70,074           | 42,815           |
| Structured deposits                             | 1,639,457           | 1,478,591        |
|   | <b>\$ 1,709,531</b> | <b>1,521,406</b> |
| Financial liabilities held for trading:         |                     |                  |
| Foreign currency forward contracts              | \$ 22,115           | 18,859           |

The Company entered into derivative contracts to manage the exposure to currency risk arising from operating activities. Refer to note 41 for the disclosure of the Company’s credit and currency risks related to financial instruments. As of December 31, 2018 and 2019, the Company’s outstanding foreign currency forward contracts were as follows:

| <b>December 31, 2018</b> |                       |                             |
|--------------------------|-----------------------|-----------------------------|
| <b>Contract item</b>     | <b>Maturity date</b>  | <b>Contract amount</b>      |
|                          |                       | (in thousands)              |
| Sell USD / Buy NTD       | Jan. 2019             | USD223,000 / NTD6,858,785   |
| Sell USD / Buy JPY       | Jan. 2019 – Apr. 2019 | USD147,470 / JPY16,493,633  |
| Sell NTD / Buy JPY       | Jan. 2019 – Mar. 2019 | NTD2,054,260 / JPY7,400,000 |
| Sell USD / Buy CNY       | Jan. 2019 – Jun. 2019 | USD87,000 / CNY597,420      |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### December 31, 2018

| Contract item      | Maturity date         | Contract amount<br>(in thousands) |
|--------------------|-----------------------|-----------------------------------|
| Sell EUR / Buy JPY | Jan. 2019             | EUR12,000 / JPY1,536,180          |
| Sell EUR / Buy USD | Jan. 2019             | EUR28,500 / USD32,441             |
| Sell EUR / Buy CZK | Jan. 2019 – Mar. 2019 | EUR3,240 / CZK84,081              |
| Sell USD / Buy MYR | Jan. 2019 – Mar. 2019 | USD879 / MYR3,670                 |
| Sell CNY / Buy JPY | Jan. 2019 – Feb. 2019 | CNY60,800 / JPY981,383            |
| Sell USD / Buy SGD | Jan. 2019             | USD5,793 / SGD7,940               |
| Sell CNY / Buy USD | Jan. 2019 – Feb. 2019 | CNY853,328 / USD124,000           |

#### December 31, 2019

| Contract item      | Maturity date         | Contract amount<br>(in thousands) |
|--------------------|-----------------------|-----------------------------------|
| Sell USD / Buy NTD | Jan. 2020             | USD176,600 / NTD5,319,611         |
| Sell USD / Buy JPY | Jan. 2020 – Apr. 2020 | USD47,292 / JPY5,150,510          |
| Sell USD / Buy CNY | Jan. 2020 – Jun. 2020 | USD61,500 / CNY432,823            |
| Sell USD / Buy SGD | Jan. 2020 – Feb. 2020 | USD39,276 / SGD53,372             |
| Sell USD / Buy MYR | Jan. 2020 – Mar. 2020 | USD703 / MYR2,905                 |
| Sell CNY / Buy USD | Feb. 2020 – Mar. 2020 | CNY1,935,305 / USD276,672         |
| Sell EUR / Buy JPY | Jan. 2020 – Feb. 2020 | EUR23,000 / JPY2,788,285          |
| Sell HKD / Buy USD | Jan. 2020             | HKD60,177 / USD7,721              |

#### 9. Financial Assets at Fair Value through Other Comprehensive Income (“FVTOCI”)

|  | December 31,        |                  |
|--|---------------------|------------------|
|  | 2018                | 2019             |
|  | (in thousands)      |                  |
| Investments in equity instruments at FVTOCI: |                     |                  |
| Equity securities – listed stocks            | \$ 6,803,900        | 7,356,501        |
| Equity securities – non-listed stocks        | 176,025             | 188,670          |
|  | <u>\$ 6,979,925</u> | <u>7,545,171</u> |

The purpose that the Company invests in the abovementioned equity securities is for long-term strategies, but rather for trading purpose. Therefore, those equity securities are designated as financial assets at FVTOCI.

If the value of these equity securities appreciates or depreciates by 10% at the reporting date, other comprehensive income would increase or decrease by \$697,993 thousand and \$754,517 thousand for the years ended December 31, 2018 and 2019, respectively.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 10. Available-for-sale Financial Assets – noncurrent

The Company determined part of its available-for-sale financial assets was impaired, and there is a remote chance of future recovery. As a result, the Company recognized an impairment loss of \$30,000 thousand for the year ended December 31, 2017.

Some of the available-for-sale securities held by the Company were publicly traded equity shares. If the share price of these securities appreciates or depreciates by 10% at the reporting date, other comprehensive income would increase or decrease by \$417,032 thousand for the year ended 2017.

After the application of IFRS 9 from January 1, 2018, the equity investments classified as available-for-sale financial assets were designated as financial assets at FVTOCI. See note 9 for related disclosure.

#### 11. Accounts Receivable, net (Including Related and Unrelated Parties)

|   | <b>December 31,</b>         |                          |
|---|-----------------------------|--------------------------|
|   | <b>2018</b>                 | <b>2019</b>              |
|   | (in thousands)              |                          |
| Accounts receivable                           | \$ 47,453,087               | 32,104,912               |
| Less: loss allowance                          | <u>(50,853)</u>             | <u>(17,738)</u>          |
|   | <b><u>\$ 47,402,234</u></b> | <b><u>32,087,174</u></b> |
| Accounts receivable, net                      | <b><u>\$ 44,647,981</u></b> | <b><u>30,308,675</u></b> |
| Accounts receivable from related parties, net | <b><u>\$ 2,754,253</u></b>  | <b><u>1,778,499</u></b>  |

The Company measures loss allowance for accounts receivable using the simplified approach under IFRS 9 with the lifetime expected credit losses. Analysis of expected credit losses which was measured based on the aforementioned method, was as follows:

|                            | <b>December 31, 2018</b>                                  |  |   |
|----------------------------|---|--|---|
|                            | <b>Carrying<br/>amount of<br/>accounts<br/>receivable</b> | <b>Weighted-<br/>average loss<br/>rate</b> | <b>Loss<br/>allowance<br/>for lifetime<br/>expected<br/>credit losses</b> |
|                            | (in thousands)  |  | (in thousands)  |
| Not past due               | \$ 46,529,408   | 0.00%                                      | 89  |
| Past due less than 60 days | 862,373   | 0.05%                                      | 439   |
| Past due 61~180 days       | 11,090  | 0.98%                                      | 109   |
| Past due over 180 days     | <u>475</u>  | 100%                                       | <u>475</u>  |
|                            | <b><u>\$ 47,403,346</u></b>                               |  | <b><u>1,112</u></b>   |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

|                            | December 31, 2019                               |                                   |  |
|----------------------------|---|-----------------------------------|--|
|                            | Carrying<br>amount of<br>accounts<br>receivable | Weighted-<br>average loss<br>rate | Loss<br>allowance<br>for lifetime<br>expected<br>credit losses |
|                            | (in thousands)                                  |                                   | (in thousands)   |
| Not past due               | \$ 31,061,173                                   | 0.00%                             | 1  |
| Past due less than 60 days | 1,010,918                                       | 0.00%                             | 4  |
| Past due 61~180 days       | <u>15,233</u>                                   | 0.95%                             | <u>145</u>   |
|                            | <u><b>\$ 32,087,324</b></u>                     |                                   | <u><b>150</b></u>  |

In addition, there was objective evidence indicating that, under reasonable expectation, some of the accounts receivable would not be recovered in total, therefore, the Company recognized a loss allowance of \$49,741 thousand and \$17,588 thousand as of December 31, 2018 and 2019, respectively.

The movement of the loss allowance for accounts receivable was as follows:

|   | For the years ended December 31,           |  |                      |                      |
|---|--|--|----------------------|----------------------|
|   | 2017 <sup>(i)</sup>                        |  | 2018                 | 2019                 |
|   | Individually<br>assessed for<br>impairment | Collectively<br>assessed for<br>impairment |                      |                      |
|   | (in thousands)                             |  |                      |                      |
| Balance at beginning of the year                        | \$ 41,812                                  | 62,805                                     | 93,053               | 50,853               |
| Provisions (reversals) charged to (against)<br>expense  | (28,236)                                   | 18,396                                     | (24,302)             | (14,543)             |
| Write-offs  | (6)  | -  | (17,985)             | (18,404)             |
| Effect of changes in foreign currency<br>exchange rates | <u>(805)</u>                               | <u>(913)</u>                               | <u>87</u>            | <u>(168)</u>         |
| Balance at end of the year                              | <u><b>\$ 12,765</b></u>                    | <u><b>80,288</b></u>                       | <u><b>50,853</b></u> | <u><b>17,738</b></u> |

(i) The movement of 2017 was under IAS 39. There were no adjustments for the beginning balance of 2018 on the initial application of IFRS 9.

The payment terms granted to customers are generally 25 to 60 days from the end of the month during which the invoice is issued. This term is consistent with practices in our industry, and thus, no financing components involved.

Information about the Company's exposure to credit risk is included in note 41.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

The Company entered into financing facilities with banks to factor certain of its accounts receivable without recourse. As at December 31, 2018, the Company did not sell its accounts receivables to banks. As at December 31, 2019, the Company's accounts receivables sold and derecognized were as follows:

| December 31, 2019 |                    |         |                                    |        |                    |                    |
|-------------------|--------------------|---------|------------------------------------|--------|--------------------|--------------------|
| Underwriting bank | Factoring<br>limit |         | Amount<br>sold and<br>derecognized |        | Amount<br>advanced | Principal<br>terms |
|                   | (in thousands)     |         | (in thousands)                     |        | (in thousands)     |                    |
| CTBC bank         | USD                | 152,000 | USD                                | 18,526 | NTD 500,000        | See Notes(a)~(d)   |
| Taipei Fubon Bank | USD                | 120,000 | USD                                | 56,020 | NTD 1,500,000      | See Notes(a)~(d)   |
| DBS Bank          | USD                | 154,000 | USD                                | 56,730 | NTD 1,520,000      | See Notes(a)~(d)   |
| Bank of Taiwan    | USD                | 250,000 | USD                                | 15,718 | USD 14,000         | See Notes(a)~(d)   |

Note (a): Under these facilities, the Company transferred accounts receivable to the respective underwriting banks, which are without recourse subject to the underwriting consents.

Note (b): The Company informed its customers pursuant to the respective facilities to make payment directly to the respective underwriting banks.

Note (c): As of December 31, 2019, total outstanding receivables after the above transactions, net of fees charged by underwriting banks, of \$487,754 thousand was recognized under other current financial assets. In addition, interest rate for the balance of advanced amount as of December 31, 2019 was ranging from 1.07% to 2.44%.

Note (d): To the extent of the amount transferred to the underwriting banks, risks of non-collection or potential payment default by customers in the event of insolvency are borne by respective banks. The Company is not responsible for the collection of receivables subject to these facilities, or for any legal proceedings and costs thereof in collecting these receivables. In case any commercial dispute between the Company and customers or other reasons results in the Company's failure to perform the obligation under these facilities, the banks have requested the Company to issue promissory notes in the amounts equal to 10 percent of respective facilities or to transfer receivables in the amounts equal to 10 percent of respective facilities. Other than such arrangements, no collaterals were provided by the Company.

## 12. Inventories

|                  | December 31,   |            |
|------------------|----------------|------------|
|                  | 2018           | 2019       |
|                  | (in thousands) |            |
| Finished goods   | \$ 9,406,248   | 9,005,001  |
| Work-in-progress | 11,133,846     | 9,537,700  |
| Raw materials    | 5,769,010      | 4,917,371  |
|                  | \$ 26,309,104  | 23,460,072 |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

For the years ended December 31, 2017, 2018 and 2019, the amounts recognized as cost of sales in relation to inventories were \$279,986,522 thousand, \$279,494,885 thousand and \$268,335,751 thousand, respectively. Charges for inventories written down to net realizable value, which were also included in cost of sales, amounted to \$3,756,726 thousand, \$5,171,752 thousand and \$5,185,504 thousand for the years ended December 31, 2017, 2018 and 2019, respectively.

As at December 31, 2018 and 2019, none of the Company's inventories was pledged as collateral.

#### 13. Noncurrent Assets Held for Sale

In December 2016, M.Setek decided to dispose part of its land and buildings to TAKEEI Corporation and other companies, and has reclassified certain of these assets for reclassification as noncurrent assets held for sale. Disposal transactions of aforementioned land and buildings, together with certain assets presented as property, plant and equipment, were completed between March 2017 to August 2017. The total selling price (net of costs of disposal) and gain on disposal were \$837,103 thousand and \$215,478 thousand, respectively.

In October 2017, in relation to compulsory imposition under regulatory plan and urban construction plan, FTKS has entered into a compensation agreement with Kunshan Economic and Technology Development Zone. The imposed land use right, plant buildings and its related appendages have been reclassified as noncurrent assets held for sale. The disposal transaction was completed in March 2018 and the proceeds from disposal have been fully received. The selling price (net of costs of disposal) and gain on disposal amounted to \$983,082 thousand and \$561,815 thousand, respectively.

In December 2017, in order to enhance the utilization of the Company's assets and to increase its working capital, BVHF has entered into a real estate transfer agreement with Hefei Heng Chuang Intelligent Technology Co., Ltd. to dispose its land use right, plant buildings and its related appendages. The aforementioned assets have been reclassified as noncurrent assets held for sale. The disposal transaction was completed in June 2018 and the proceeds from disposal have been fully received. The selling price (net of costs of disposal) and gain on disposal amounted to \$2,204,576 thousand and \$228,754 thousand, respectively.

#### 14. Investments in Equity-accounted Investees

|                | <b>December 31,</b>        |                         |
|----------------|----------------------------|-------------------------|
|                | <b>2018</b>                | <b>2019</b>             |
|                | (in thousands)             |                         |
| Associates     | \$ 5,973,127               | 5,820,759               |
| Joint ventures | 312,738                    | 178,720                 |
|                | <b><u>\$ 6,285,865</u></b> | <b><u>5,999,479</u></b> |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(a) Associates

| Name of associate                             | Principal activities  | Principal place of business | December 31, 2018  |                     | December 31, 2019  |                     |
|---|---|-----------------------------|--------------------|---------------------|--------------------|---------------------|
|   |   |                             | Ownership interest | Amount              | Ownership interest | Amount              |
|   |   |                             | %                  | (in thousands)      | %                  | (in thousands)      |
| Lextar Electronics Corp. ("Lextar")           | Manufacturing and sales of Light Emitting Diode                 | Taiwan ROC                  | 27                 | \$ 3,082,178        | 27                 | \$ 2,909,521        |
| Star Shining Energy Corporation ("SSEC")      | Investment  | Taiwan ROC                  | 33                 | 1,002,874           | 33                 | 1,015,512           |
| Raydium Semiconductor Corporation ("Raydium") | IC design   | Taiwan ROC                  | 18                 | 716,381             | 17                 | 740,504             |
| Daxin Materials Corp. ("Daxin")               | Research, manufacturing, and sales of display related chemicals | Taiwan ROC                  | 25                 | 654,940             | 25                 | 688,813             |
| Star River Energy Corp. ("SREC")              | Investment  | Taiwan ROC                  | 34                 | 434,421             | 34                 | 444,550             |
| Others  |   |                             |                    | 82,333              |                    | 21,859              |
|   |   |                             |                    | <u>\$ 5,973,127</u> |                    | <u>\$ 5,820,759</u> |

None of the above associates is considered individually material to the Company. The following table summarized the amount recognized by the Company at its share of those associates.

|   | For the years ended December 31, |                 |                 |
|---|----------------------------------|-----------------|-----------------|
|   | 2017                             | 2018            | 2019            |
|   | (in thousands)                   |                 |                 |
| The Company's share of profits of associates                    | \$ 251,699                       | 307,992         | 195,865         |
| The Company's share of other comprehensive loss of associates   | <u>(62,084)</u>                  | <u>(15,477)</u> | <u>(35,224)</u> |
| The Company's share of total comprehensive income of associates | <u>\$ 189,615</u>                | <u>292,515</u>  | <u>160,641</u>  |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(b) Joint ventures

None of the joint ventures is considered individually material to the Company. The following table summarized the amount recognized by the Company at its share of those joint ventures.

|  | <b>For the years ended December 31,</b> |              |                 |
|--|---|--------------|-----------------|
|  | <b>2017</b>                             | <b>2018</b>  | <b>2019</b>     |
|  | (in thousands)                          |              |                 |
| The Company's share of profits (loss) of joint ventures                    | \$ (12,693)                             | 3,722        | (45,958)        |
| The Company's share of other comprehensive income of joint ventures        | -                                       | -            | -               |
| The Company's share of total comprehensive income (loss) of joint ventures | <u>\$ (12,693)</u>                      | <u>3,722</u> | <u>(45,958)</u> |

As at December 31, 2018 and 2019, none of the Company's investments in equity-accounted investees was pledged as collateral.

#### 15. Acquisition of Subsidiaries

In March 2018, the Company obtained control over ComQi by acquiring 100% of shareholdings of ComQi. ComQi is engaged in integration service of content management system and hardware. Through the acquisition of ComQi, the Company expects to be able to provide a total solution for the upstream and downstream of public information displays.

If the acquisition had taken place on January 1, 2018, management estimated that the Company's consolidated revenue and net profit for the year ended December 31, 2018 would have been \$307,673,560 thousand and \$7,956,563 thousand, respectively. In determining these amounts, management had assumed that the fair value adjustments that arose on the acquisition date would have been the same if the acquisition had taken place on January 1, 2018. The aforementioned pro-forma information is presented for illustrative purposes only and is not necessarily an indication of revenue and results of operations of the Company that would have been achieved had the acquisition been completed on January 1, 2018, nor is it intended to be a projection of future results.

Acquisition-related costs of \$12,191 thousand on legal fees and due diligence fees were expensed and recognized in general and administrative expenses in the consolidated statement of comprehensive income for the year ended December 31, 2018.

The following table summarized each major class of consideration transferred, the assets acquired and liabilities assumed at the acquisition date and the amount of goodwill recognized.



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(a) Consideration transferred

|                          | <b>Amounts</b>    |
|--------------------------|-------------------|
|                          | (in thousands)    |
| Cash                     | \$ 467,920        |
| Contingent consideration | 283,354           |
|                          | <b>\$ 751,274</b> |

In accordance with the terms of the contingent consideration, in the event that ComQi's annual net revenue and annual recurring revenue for the year ended December 31, 2018 are greater than the agreed revenue targets in the agreement, the Company should pay additional consideration of USD4,000 thousand and USD7,000 thousand, respectively, to the original shareholders of ComQi. Under the arrangement of the contingent consideration, the potential undiscounted amount of the contingent payment that the Company might have to pay was between USD0 and USD11,000 thousand.

The fair value of the contingent consideration estimated using Monte Carlo simulation amounted to \$283,354 thousand. The fair value measurement was based on the significant unobservable inputs in the market and categorized as a Level 3 fair value under IFRS 13. The significant inputs in the valuation technique used are discount rate of 8.5%, revenue volatility rate of 30.8% and AUO's credit spread of 0.88%.

As ComQi's annual net revenue and annual recurring revenue for the year ended December 31, 2018 were not greater than the agreed revenue targets in the agreement, the Company remeasured the fair value of the contingent consideration and determined the value was zero. The change in the fair value of the contingent consideration of \$283,354 thousand was not a measurement period adjustment, and therefore, was recognized under other gains and losses in the consolidated statement of comprehensive income for the year ended December 31, 2018.

(b) Identifiable assets acquired and liabilities assumed

The following table summarized the fair value of identifiable assets acquired and liabilities assumed recognized at the acquisition date:

|  | <b>Fair value</b> |
|--|-------------------|
|  | (in thousands)    |
| Cash   | \$ 19,432         |
| Accounts receivable and other current assets   | 36,851            |
| Property, plant and equipment                  | 3,712             |
| Intangible assets                              | 150,436           |
| Accounts payable and other current liabilities | (57,361)          |
| Other liabilities                              | (2,120)           |
|  | <b>\$ 150,950</b> |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

- (c) Goodwill arising from the acquisition for which is attributable mainly to the synergies expected to be achieved from integrating ComQi into the Company's existing business has been recognized as follows:

|   | <u>Amounts</u><br>(in thousands) |
|---|----------------------------------|
| Consideration transferred                   | \$ 751,274                       |
| Less: Fair value of identifiable net assets | <u>(150,950)</u>                 |
|   | <u>\$ 600,324</u>                |

#### 16. Disposal of Part of Ownership Interest in Subsidiary without Losing Control

In November 2017, the Company disposed its ownership interest in DPTW totaling of 9.99% with consideration (net of costs of disposal) amounting to \$1,776,984 thousand in cash. The effect of changes in ownership interest of the subsidiary which was attributable to owners of the parent was summarized as follows:

|   | <u>For the year ended</u><br><u>December 31, 2017</u><br>(in thousands) |
|---|---|
| Consideration received  | \$ 1,776,984  |
| Carrying amount of the equity interest disposed of  | (1,190,529)   |
| Capital surplus – changes in ownership interest of subsidiary   | (12,099)  |
| Other equity – effect from foreign currency translation differences arising from foreign operations                     | <u>(56,160)</u>   |
| Capital surplus – differences between consideration and carrying amount arising from disposal of interest in subsidiary | <u>\$ 518,196</u>   |

#### 17. Disposal of Subsidiaries

The Company disposed all its shareholdings in Fargen Power Corporation and TronGen Power Corporation to SSEC, an associate of the Company, in December 2017 with consideration amounting to \$480,000 thousand in cash. The gain on disposal amounting to \$76,331 thousand was recognized under other gains and losses in the consolidated statement of comprehensive income.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

The carrying amounts of the assets and liabilities of the subsidiaries disposed of by the Company were as follows:

|   | <u>Amounts</u><br>(in thousands) |
|---|----------------------------------|
| Cash and cash equivalents                     | \$ 203,607                       |
| Accounts receivable and other receivables     | 4,513                            |
| Other current assets                          | 38,649                           |
| Property, plant and equipment                 | 260,828                          |
| Other assets                                  | 54,397                           |
| Payable for equipment                         | (71,076)                         |
| Accrued expense and other current liabilities | (3,062)                          |
| Long-term borrowings                          | <u>(84,187)</u>                  |
| Net assets disposed of                        | <u>\$ 403,669</u>                |

The Company disposed all its shareholdings in ChampionGen Power Corporation to SSEC in September 2018 with consideration amounting to \$116,000 thousand in cash. The gain on disposal amounting to \$17,269 thousand was recognized under other gains and losses in the consolidated statement of comprehensive income.

The carrying amounts of the assets and liabilities of the subsidiary disposed of by the Company were as follows:

|                           | <u>Amounts</u><br>(in thousands) |
|---------------------------|----------------------------------|
| Cash and cash equivalents | \$ 70,516                        |
| Other current assets      | 48,148                           |
| Payable for equipment     | <u>(19,933)</u>                  |
| Net assets disposed of    | <u>\$ 98,731</u>                 |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 18. Property, Plant and Equipment

| For the year ended December 31, 2018   |                                  |   |                          |   |   |                         |
|--|----------------------------------|---|--------------------------|---|---|-------------------------|
|  | Balance,<br>Beginning<br>of Year | Additions   | Disposal or<br>write off | Reclassification,<br>effect of<br>change in<br>exchange<br>rate and<br>others | Balance,<br>End of Year   |                         |
|  | (in thousands)                   |   |                          |   |   |                         |
| <b>Cost:</b>   |                                  |   |                          |   |   |                         |
| Land   | \$ 9,008,659                     | -   | (161,728)                | 12,392  | 8,859,323   |                         |
| Buildings  | 124,010,869                      | 53,706  | (5,271,527)              | 2,426,312   | 121,219,360   |                         |
| Machinery and equipment  | 800,164,310                      | 2,145,769   | (13,164,282)             | 46,787,823  | 835,933,620   |                         |
| Other equipment  | 29,359,148                       | 5,077,326   | (1,775,217)              | 2,467,867   | 35,129,124  |                         |
|  | <u>962,542,986</u>               | <u>7,276,801</u>  | <u>(20,372,754)</u>      | <u>51,694,394</u>   | <u>1,001,141,427</u>  |                         |
| <b>Accumulated depreciation and impairment loss:</b>                         |                                  |   |                          |   |   |                         |
| Buildings  | 33,825,375                       | 3,097,807   | (1,754,678)              | 862,822   | 36,031,326  |                         |
| Machinery and equipment  | 707,334,411                      | 25,620,993  | (12,828,449)             | 1,706,393   | 721,833,348   |                         |
| Other equipment  | 23,717,580                       | 5,367,124   | (1,775,840)              | 782,123   | 28,090,987  |                         |
|  | <u>764,877,366</u>               | <u>34,085,924</u>   | <u>(16,358,967)</u>      | <u>3,351,338</u>  | <u>785,955,661</u>  |                         |
| Prepayments for purchase of land and equipment, and construction in progress | 27,267,469                       | 26,228,260  | -                        | (47,095,020)  | 6,400,709   |                         |
| Net carrying amounts   | <u>\$ 224,933,089</u>            |   |                          |   | <u>221,586,475</u>  |                         |
| For the year ended December 31, 2019   |                                  |   |                          |   |   |                         |
|  | Balance,<br>Beginning<br>of Year | Adjustments<br>on initial<br>application<br>of new<br>standards | Additions                | Disposal or<br>write off  | Reclassification,<br>effect of<br>change in<br>exchange<br>rate and<br>others | Balance,<br>End of Year |
|  | (in thousands)                   |   |                          |   |   |                         |
| <b>Cost:</b>   |                                  |   |                          |   |   |                         |
| Land   | \$ 8,859,323                     | -   | -                        | -   | (675)   | 8,858,648               |
| Buildings  | 121,219,360                      | -   | 325,184                  | (9,075)   | (1,838,220)   | 119,697,249             |
| Machinery and equipment  | 835,933,620                      | -   | 1,320,958                | (9,123,165)   | 13,450,424  | 841,581,837             |
| Other equipment  | 35,129,124                       | (2,620)   | 4,910,462                | (5,764,497)   | 1,561,968   | 35,834,437              |
|  | <u>1,001,141,427</u>             | <u>(2,620)</u>  | <u>6,556,604</u>         | <u>(14,896,737)</u>   | <u>13,173,497</u>   | <u>1,005,972,171</u>    |
| <b>Accumulated depreciation and impairment loss:</b>                         |                                  |   |                          |   |   |                         |
| Buildings  | 36,031,326                       | -   | 4,195,265                | (9,021)   | (1,046,822)   | 39,170,748              |
| Machinery and equipment  | 721,833,348                      | -   | 27,348,497               | (9,080,856)   | (2,808,161)   | 737,292,828             |
| Other equipment  | 28,090,987                       | (855)   | 5,575,376                | (5,747,362)   | (271,736)   | 27,646,410              |
|  | <u>785,955,661</u>               | <u>(855)</u>  | <u>37,119,138</u>        | <u>(14,837,239)</u>   | <u>(4,126,719)</u>  | <u>804,109,986</u>      |
| Prepayments for purchase of land and equipment, and construction in progress | 6,400,709                        | -   | 18,469,787               | (4,837)   | (19,993,301)  | 4,872,358               |
| Net carrying amounts   | <u>\$ 221,586,475</u>            |   |                          |   |   | <u>206,734,543</u>      |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

As of December 31, 2018 and 2019, a non-irrigated farmland located in LongTan plant amounted to \$23,671 thousand was registered in the name of a farmer due to regulations. An agreement of pledge had been signed between the Company and the farmer clarifying the rights and obligations of each party.

In order to enhance the utilization of the Company's assets and to increase its working capital, AUSK disposed its land, plant buildings and related appendages to third party in December 2018 with consideration (net of costs of disposal) amounting to \$3,029,191 thousand. The gain on disposal was amounting to \$1,080,720 thousand.

In 2017 and 2019, the Company wrote down certain machineries and equipment with extremely low utilization resulting from the decline in the application for certain products associated with its display segment and recognized an impairment loss of \$895,954 thousand and \$52,829 thousand, respectively.

In 2017, 2018 and 2019, the Company wrote down certain long-term assets with extremely low capacity utilization associated with its energy segment and recognized impairment losses of \$120,714 thousand, \$399,363 thousand and \$14,949 thousand, respectively.

In 2019, ACTW has experienced significant fluctuations in its industry with oversupply capacity worldwide resulting in lower capacity utilization; therefore, the management performed impairment assessment of ACTW and its subsidiaries, as a CGU, over its long-term assets with recoverable amount determined based on the value in use. Based on the assessment performed as of December 31, 2019, the carrying amount of the CGU was determined to be higher than its estimated recoverable amount; consequently, an impairment loss of \$2,232,739 thousand was recognized.

Impairment losses as mentioned above were recognized as other gains and losses in the consolidated statements of comprehensive income.

The estimated recoverable amount of 2019 was calculated by pre-tax discount rate of 10.63%.

The following table summarized the Company's capitalized borrowing costs and the interest rate range applied for the capitalization:

|                             | <b>For the years ended December 31,</b> |                         |                         |
|-----------------------------|---|-------------------------|-------------------------|
|                             | <b>2017</b>                             | <b>2018</b>             | <b>2019</b>             |
|                             | (in thousands)                          |                         |                         |
| Capitalized borrowing costs | <b>\$ 624,235</b>                       | <b>421,618</b>          | <b>141,966</b>          |
| Interest rate range         | <b>1.09%~<br/>5.24%</b>                 | <b>1.04%~<br/>5.59%</b> | <b>1.07%~<br/>5.71%</b> |

Certain property, plant and equipment were pledged as collateral, see note 44.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 19. Lease Arrangements

(a) Lessees

(1) Right-of-use assets

|   | <b>December 31,<br/>2019</b>                            |
|---|---|
|   | (in thousands)  |
| Carrying amount of right-of-use assets      |   |
| Land  | \$ 11,595,815   |
| Buildings                                   | 575,724   |
| Other equipment                             | 36,229  |
|   | <u>\$ <b>12,207,768</b></u>                             |
|   |   |
|   | <b>For the year<br/>ended<br/>December 31,<br/>2019</b> |
|   | (in thousands)  |
| Additions to right-of-use assets            | <u>\$ <b>192,655</b></u>                                |
|   |   |
| Depreciation charge for right-of-use assets |   |
| Land  | \$ 566,982  |
| Buildings                                   | 238,969   |
| Other equipment                             | 66,590  |
|   | <u>\$ <b>872,541</b></u>                                |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(2) Lease liabilities

|                                | December 31, 2019                      |                  |   |
|--------------------------------|--|------------------|---|
|                                | Future<br>minimum<br>lease<br>payments | Interests        | Present<br>value of<br>minimum<br>lease<br>payments |
|                                |  | (in thousands)   |   |
| Less than one year             | \$ 879,518                             | 197,151          | 682,367   |
| Between one and five years     | 2,874,682                              | 678,576          | 2,196,106   |
| More than five years           | <u>9,588,087</u>                       | <u>1,375,483</u> | <u>8,212,604</u>                                    |
|                                | <u>\$ 13,342,287</u>                   | <u>2,251,210</u> | <u>11,091,077</u>                                   |
| Lease liabilities — current    |  |                  | \$ <u>682,367</u>                                   |
| Lease liabilities — noncurrent |  |                  | \$ <u>10,408,710</u>                                |

(3) Significant lease agreements

AUO has entered into various land lease agreements with Hsinchu Science Park Bureau, Central Science Park Administration Bureau and Southern Taiwan Science Park Bureau, respectively, for the construction of plant for operations. All lease amounts are adjusted in accordance with the land value announced by the government from time to time. In 2019, AUO modified one of its lease contracts due to the decrease of the scope of the lease, and therefore, the carrying amount of the right-of-use asset was reduced by \$1,064,094 thousand. The difference between the remeasurement of the lease liability and the reduction of the right-of-use asset was recognized in profit or loss.

(4) Sublease of right-of-use assets

The Company subleased part of its right-of-use assets under operating leases, in 2019, the income from sublease was \$8,199 thousand. Right-of-use assets that meet the definition of investment properties are reclassified to investment properties. Refer to note 20 for further information on investment properties.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(5) Additional lease information

The Company applies the recognition exemption to account for short-term leases and leases of low-value assets, primarily for some leases of office buildings and other sporadic leasing. The amounts recognized in profit or loss during the lease term were as follows:

|  | <b>For the year<br/>ended December<br/>31, 2019</b><br>(in thousands) |
|--|---|
| Expenses relating to short-term leases   | \$ <u><u>15,832</u></u>   |
| Expenses relating to leases of low-value assets, excluding short-term leases of low-value assets | \$ <u><u>315</u></u>  |

Total cash outflow for the Company's leases in which it acts as a lessee for the year ended December 31, 2019 was \$920,666 thousand.

(b) Lessor

The Company leased out its investment properties and part of its land, buildings and equipment and did not transfer substantially all the risks and rewards incidental to their ownership to the lessees, therefore, those leases were recognized as operating leases. Refer to note 34 for the information of rental income from operating leases. In addition, the direct costs relating to the aforementioned operating leases are amounting to \$3,007 thousand for the year ended December 31, 2019.

The maturity analysis of undiscounted operating lease receivable for the abovementioned assets are as follows:

|   | <b>December 31,<br/>2019</b><br>(in thousands) |
|---|--|
| Year 1  | \$ 110,905                                     |
| Year 2  | 110,316  |
| Year 3  | 110,025  |
| Year 4  | 106,272  |
| Year 5  | 105,721  |
| Year 6 onwards                                | <u>2,079,849</u>                               |
| Total undiscounted operating lease receivable | \$ <u><u>2,623,088</u></u>                     |

Refer to note 26 for the Company's respective information as lessor and lessee as of December 31, 2018.



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 20. Investment Property

| For the year ended December 31, 2018 |                                  |              |   |                            |
|--------------------------------------|----------------------------------|--------------|---|----------------------------|
|                                      | Balance,<br>Beginning<br>of Year | Additions    | Reclassification<br>and effect of<br>change in<br>exchange rate | Balance,<br>End of<br>Year |
| (in thousands)                       |                                  |              |   |                            |
| Land                                 | \$ <u>717,823</u>                | -            | <u>12,483</u>   | <u>730,306</u>             |
| Fair Value                           | \$ <u>2,213,184</u>              |              |   | <u>2,252,170</u>           |
| For the year ended December 31, 2019 |                                  |              |   |                            |
|                                      | Balance,<br>Beginning<br>of Year | Additions    | Reclassification<br>and effect of<br>change in<br>exchange rate | Balance,<br>End of<br>Year |
| (in thousands)                       |                                  |              |   |                            |
| <b>Cost:</b>                         |                                  |              |   |                            |
| Land                                 | \$ 730,306                       | -            | (667)   | 729,639                    |
| Buildings                            | -                                | -            | 1,418,652   | 1,418,652                  |
| Right-of-use assets                  | -                                | -            | <u>28,570</u>   | <u>28,570</u>              |
|                                      | <u>730,306</u>                   | <u>-</u>     | <u>1,446,555</u>  | <u>2,176,861</u>           |
| <b>Accumulated Depreciation:</b>     |                                  |              |   |                            |
| Buildings                            | -                                | 7,363        | 612,618   | 619,981                    |
| Right-of-use assets                  | -                                | <u>302</u>   | <u>1,448</u>  | <u>1,750</u>               |
|                                      | <u>-</u>                         | <u>7,665</u> | <u>614,066</u>  | <u>621,731</u>             |
| Net carrying amounts                 | \$ <u>730,306</u>                |              |   | <u>1,555,130</u>           |
| Fair Value                           | \$ <u>2,252,170</u>              |              |   | <u>4,057,848</u>           |

In order to enhance the utilization of assets and to increase its working capital, AUSJ leased its buildings and right-of-use assets to third party in 2019, and has reclassified the aforementioned property, plant and equipment and right-of-use assets amounting to \$832,886 thousand to investment property.

The fair value of investment property is based on a valuation performed by a qualified independent appraiser who holds a recognized and relevant professional qualification and has recent valuation experience in the location and category of the investment property being valued. The valuation is performed using income approach, sales comparison approach and land development analysis approach with reference to available market information.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

The fair value measurement was categorized as a level 3 fair value based on the inputs in the valuation techniques used. Income approach determines the fair value of the investment property based on the projected cash flows from the Company's estimated future rentals collected and discounted using the capitalization rate of the property. Sales comparison approach is through comparison, analysis, adjustment and other means of value for comparable properties to estimate the value of the investment property. Land development analysis approach determine the fair value of investment property based on the value prior to development or construction, after deducting the direct cost, indirect cost, capital interest and profit during the development period, and also consider total sales price of properties after completion of development or construction. It also incorporates the possibility of changes in utility of land through development or improvement in accordance with legal use and density of the land.

The significant inputs used in the fair value measurement were as follows:

|                               | December 31, |              |
|-------------------------------|--------------|--------------|
|                               | 2018         | 2019         |
| Overall capital interest rate | 1.86%        | 2.53%        |
| Rate of return                | 10.00%       | 15.00%       |
| Capitalization rate           | 12.00%       | 8.00%~12.00% |

As of December 31, 2018 and 2019, there was no investment property that was pledged as collateral.

#### 21. Intangible Assets

|                                  | For the year ended December 31, 2018 |                |  |  |                         |
|----------------------------------|--------------------------------------|----------------|--|--|-------------------------|
|                                  | Balance,<br>Beginning<br>of Year     | Additions      | Effect of<br>change in<br>consolidated<br>entities | Effect of<br>change in<br>exchange<br>rate | Balance,<br>End of Year |
|                                  | (in thousands)                       |                |  |  |                         |
| <b>Cost:</b>                     |                                      |                |  |  |                         |
| Goodwill                         | \$ -                                 | -              | 600,324  | -  | 600,324                 |
| Patent and technology fee        | 12,275,548                           | -              | -  | (3,806)                                    | 12,271,742              |
| Others                           | -                                    | -              | 150,436  | -  | 150,436                 |
|                                  | <u>12,275,548</u>                    | <u>-</u>       | <u>750,760</u>                                     | <u>(3,806)</u>                             | <u>13,022,502</u>       |
| <b>Accumulated amortization:</b> |                                      |                |  |  |                         |
| Patent and technology fee        | 10,385,251                           | 518,404        | -  | (386)                                      | 10,903,269              |
| Others                           | -                                    | 22,565         | -  | -  | 22,565                  |
|                                  | <u>10,385,251</u>                    | <u>540,969</u> | <u>-</u>   | <u>(386)</u>                               | <u>10,925,834</u>       |
| Net carrying amounts             | <u>\$ 1,890,297</u>                  |                |  |  | <u>2,096,668</u>        |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

**For the year ended December 31, 2019**

|                                  | <b>Balance,<br/>Beginning<br/>of Year</b> | <b>Additions</b> | <b>Effect of<br/>change in<br/>exchange<br/>rate</b> | <b>Balance, End<br/>of Year</b> |
|----------------------------------|---|------------------|--|---------------------------------|
|                                  | (in thousands)                            |                  |  |                                 |
| <b>Cost:</b>                     |   |                  |  |                                 |
| Goodwill                         | \$ 600,324                                | -                | -  | 600,324                         |
| Patent and technology fee        | 12,271,742                                | 1,711            | (7,140)  | 12,266,313                      |
| Others                           | 150,436                                   | -                | -  | 150,436                         |
|                                  | <u>13,022,502</u>                         | <u>1,711</u>     | <u>(7,140)</u>                                       | <u>13,017,073</u>               |
| <b>Accumulated amortization:</b> |   |                  |  |                                 |
| Patent and technology fee        | 10,903,269                                | 436,815          | (1,178)  | 11,338,906                      |
| Others                           | 22,565                                    | 127,871          | -  | 150,436                         |
|                                  | <u>10,925,834</u>                         | <u>564,686</u>   | <u>(1,178)</u>                                       | <u>11,489,342</u>               |
| Net carrying amounts             | <u>\$ 2,096,668</u>                       |                  | <u>(1,178)</u>                                       | <u>1,527,731</u>                |

The Company acquired goodwill and other intangible assets arising from the business combination in March 2018. Please refer to note 15 for the relevant information.

For the purpose of impairment test, the following table shows the information of the operating business that the Company's goodwill allocating to.

|                  | <b>December 31,</b> |                |
|------------------|---------------------|----------------|
|                  | <b>2018</b>         | <b>2019</b>    |
|                  | (in thousands)      |                |
| Display business | <u>\$ 600,324</u>   | <u>600,324</u> |

The Company's goodwill has been tested for impairment at least once at the end of the annual reporting period. The recoverable amount was determined based on value in use of the operating business.

The key assumptions used in the estimation of the recoverable amount included discount rate and terminal growth rate. The annual discount rates for the years ended December 31, 2018 and 2019 were 11.57% and 12.25% respectively based on industry weighted average cost of capital. The cash flow projections were determined based on the financial budgets approved by management covering the future five-year period and extrapolated with a steady annual terminal growth rate for subsequent years, which were negative 1% and negative 0.5% for the years ended December 31, 2018 and 2019, respectively. The key assumptions abovementioned represents the management's forecast of the future for the related industry by considering the history information from internal and external sources.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Based on the impairment assessment for the years ended December 31, 2018 and 2019, no impairment losses were recognized as the recoverable amount of the CGU was higher than its carrying value.

#### 22. Other Current Assets and Other Noncurrent Assets

|                             | December 31,        |                  |
|-----------------------------|---------------------|------------------|
|                             | 2018                | 2019             |
|                             | (in thousands)      |                  |
| Refundable and overpaid tax | \$ 1,351,646        | 1,458,170        |
| Refundable deposits         | 716,097             | 663,911          |
| Prepayment for equipment    | 650,727             | 453,300          |
| Prepayments for purchases   | 230,793             | 158,521          |
| Long-term receivables       | 930,001             | 5,812            |
| Long-term prepaid rents     | 1,364,111           | -                |
| Others                      | 2,869,869           | 2,961,194        |
|                             | 8,113,244           | 5,700,908        |
| Less: current               | (2,941,598)         | (3,295,562)      |
| Noncurrent                  | \$ <b>5,171,646</b> | <b>2,405,346</b> |

The long-term prepaid rents were reclassified to right-of-use assets on January 1, 2019 upon the initial adoption of IFRS 16. See note 4(a).

#### 23. Short-term Borrowings

|                          | December 31,         |                   |
|--------------------------|----------------------|-------------------|
|                          | 2018                 | 2019              |
|                          | (in thousands)       |                   |
| Unsecured borrowings     | \$ <b>546,472</b>    | <b>1,725,602</b>  |
| Unused credit facilities | \$ <b>43,533,037</b> | <b>37,982,721</b> |
| Interest rate range      | 2.54%~               | 1.20%~            |
|                          | 4.35%                | 4.35%             |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 24. Long-term Borrowings

| <u>Bank or agent bank</u>        | <u>Durations</u>            | <u>December 31,</u><br><u>2018</u> | <u>December 31,</u><br><u>2019</u> |
|----------------------------------|-----------------------------|------------------------------------|------------------------------------|
| (in thousands)                   |                             |                                    |                                    |
| Syndicated loans:                |                             |                                    |                                    |
| Bank of Taiwan and others        | From Feb. 2019 to Feb. 2024 | \$ -                               | 42,000,000                         |
| Bank of Taiwan and others        | From Mar. 2019 to Apr. 2023 | -                                  | 23,000,000                         |
| Bank of Taiwan and others        | From May 2017 to May 2022   | 10,000,000                         | 10,000,000                         |
| Bank of Taiwan and others        | From Apr. 2016 to Apr. 2019 | 36,175,000                         | -                                  |
| Bank of Taiwan and others        | From Feb. 2015 to Feb. 2019 | 5,912,000                          | -                                  |
| Bank of Taiwan and others        | From Jul. 2018 to Oct. 2019 | 210,000                            | -                                  |
| First Commercial Bank and others | From Feb. 2016 to Jan. 2019 | 1,775,236                          | -                                  |
| Bank of China and others         | From Nov. 2015 to Nov. 2023 | 27,743,519                         | 21,500,826                         |
| Unsecured loans                  | From Apr. 2017 to Aug. 2023 | 2,976,158                          | 8,050,310                          |
| Secured loans                    | From Apr. 2017 to Apr. 2032 | <u>1,990,175</u>                   | <u>7,671,932</u>                   |
|                                  |                             | 86,782,088                         | 112,223,068                        |
| Less: transaction costs          |                             | <u>(476,770)</u>                   | <u>(254,676)</u>                   |
|                                  |                             | 86,305,318                         | 111,968,392                        |
| Less: current portion            |                             | <u>(29,595,931)</u>                | <u>(9,535,198)</u>                 |
|                                  |                             | <b><u>\$ 56,709,387</u></b>        | <b><u>102,433,194</u></b>          |
| Unused credit facilities         |                             | <b><u>\$ 79,933,812</u></b>        | <b><u>32,265,575</u></b>           |
| Interest rate range              |                             | <b>1.07%~</b>                      | <b>1.00%~</b>                      |
|                                  |                             | <b>6.32%</b>                       | <b>5.43%</b>                       |

The Company entered into the aforementioned long-term loan arrangements with banks and financial institutions to finance capital expenditures for purchase of machinery and equipment, and to fulfill working capital, as well as to repay the matured debts. A commitment fee is negotiated with the leading banks of syndicated loans, and is calculated based on the committed-to-withdraw but unused balance, if any. No commitment fees were paid for the year ended December 31, 2019.

These credit facilities contain covenants that require the Company to maintain certain financial ratios, calculating based on the Company's annual consolidated financial statements prepared in accordance with Taiwan Financial Reporting Standards, such as current ratio (defined as current assets divided by current liabilities excluding current portion of long-term debt and payable for equipment and construction), leverage ratio (calculated as the sum of short-term borrowings plus current portion of long-term debt and long-term debt to consolidated tangible net worth), interest coverage ratio, tangible net worth and others as specified in the loan agreements.

As of December 31, 2018 and 2019, the Company complied with all financial covenants required under each of the loan agreements.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Refer to note 41 for detailed information of exposures to interest rate, currency, and liquidity risks. Refer to note 44 for assets pledged as collateral to secure the aforementioned long-term borrowings.

#### 25. Provisions

|                                      | <u>Warranties<sup>(i)</sup></u> | <u>Litigation<br/>and claims</u> | <u>Others</u>    | <u>Total</u>       |
|--------------------------------------|---------------------------------|----------------------------------|------------------|--------------------|
|                                      | (in thousands)                  |                                  |                  |                    |
| Balance at January 1, 2018           | \$ 1,546,960                    | 89,520                           | 249,483          | 1,885,963          |
| Additions                            | 276,846                         | 336,061                          | 571,113          | 1,184,020          |
| Usage                                | (259,109)                       | -                                | (187,842)        | (446,951)          |
| Reversals                            | (100,754)                       | -                                | (215)            | (100,969)          |
| Effect of change in<br>exchange rate | <u>(74)</u>                     | <u>5,647</u>                     | <u>10,413</u>    | <u>15,986</u>      |
| Balance at December 31, 2018         | 1,463,869                       | 431,228                          | 642,952          | 2,538,049          |
| Less: current                        | <u>(686,424)</u>                | <u>(431,228)</u>                 | <u>(389,912)</u> | <u>(1,507,564)</u> |
| Noncurrent                           | <u>\$ 777,445</u>               | <u>-</u>                         | <u>253,040</u>   | <u>1,030,485</u>   |
| <br>                                 |                                 |                                  |                  |                    |
| Balance at January 1, 2019           | \$ 1,463,869                    | 431,228                          | 642,952          | 2,538,049          |
| Additions                            | 554,935                         | -                                | 11,800           | 566,735            |
| Usage                                | (422,976)                       | (156,521)                        | (63,661)         | (643,158)          |
| Reversals                            | (303,423)                       | (116,094)                        | (264,008)        | (683,525)          |
| Effect of change in<br>exchange rate | <u>(159)</u>                    | <u>(6,312)</u>                   | <u>(10,072)</u>  | <u>(16,543)</u>    |
| Balance at December 31, 2019         | 1,292,246                       | 152,301                          | 317,011          | 1,761,558          |
| Less: current                        | <u>(486,517)</u>                | <u>(152,301)</u>                 | <u>(69,450)</u>  | <u>(708,268)</u>   |
| Noncurrent                           | <u>\$ 805,729</u>               | <u>-</u>                         | <u>247,561</u>   | <u>1,053,290</u>   |

- (i) The provisions for warranties were estimated based on historical experience of warranty claims rate associated with similar products and services. The Company expects most warranty claims will be made within two years from the date of the sale of the product.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 26. Operating Leases

(a) Lessees

Future minimum lease payments under non-cancellable operating leases as of December 31, 2018 was as follows:

|                            | <b>December 31,<br/>2018</b> |
|----------------------------|------------------------------|
|                            | (in thousands)               |
| Less than one year         | \$ 927,351                   |
| Between one and five years | 2,928,983                    |
| More than five years       | <u>2,085,877</u>             |
|                            | <b><u>\$ 5,942,211</u></b>   |

AUO entered into various operating lease agreements for land with Hsinchu Science Park Bureau beginning from March 1, 1994 for a period of 20 years, with renewal option upon expiration. AUO had on July 2003 and November 2006, entered into various operating lease for land with Central Science Park Administration Bureau for period from July 28, 2003 till December 31, 2023 and November 9, 2006 till December 31, 2025. All lease amounts are adjusted in accordance with the land value announced by the government from time to time.

AUO had also on February 2008 and October 2018, respectively, renewed its lease agreements with Hsinchu Science Park Bureau and Southern Taiwan Science Park Bureau, respectively, for the lands in Longtan Science Park and Kaohsiung Science Park. The period covers from February 9, 2008 till December 31, 2027 and October 23, 2018 till October 22, 2038, respectively. All lease amounts are adjusted in accordance with the land value announced by the government from time to time.

Rental expense for operating leases amounted to \$1,081,731 thousand and \$1,064,263 thousand for the years ended December 31, 2017 and 2018, respectively.

(b) Lessor

The Company leased its investment properties to third parties under operating lease. Refer to note 20 for further information on investment properties.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Future minimum lease receivables under non-cancellable operating leases as of December 31, 2018 was as follows:

|                            | <b>December 31,<br/>2018</b> |
|----------------------------|------------------------------|
|                            | (in thousands)               |
| Less than one year         | \$ 105,788                   |
| Between one and five years | 423,150                      |
| More than five years       | 2,188,728                    |
|                            | <b>\$ 2,717,666</b>          |

In addition to the above-mentioned, the Company also leased partial offices to others. See note 34 for rental income. Repair and maintenance expenses incurred from aforementioned operating leases for the years ended December 31, 2017 and 2018 amounted to \$18,396 thousand and \$1,723 thousand, respectively.

#### 27. Employee Benefits

(a) Defined benefit plans

Pursuant to the ROC Labor Standards Act, AUO has established a defined benefit pension plan covering their full-time employees in the ROC. This plan provides for retirement benefits to retiring employees based on years of service and the average salaries and wages for the six-month period before the employee's retirement. The funding of this retirement plan by AUO is contributed monthly based on a certain percentage of employees' total salaries and wages. The fund is deposited with Bank of Taiwan.

M.Setek has established defined benefit pension plans providing for retirement benefits to retiring employees based on years of service, position, and certain other factors in accordance with the regulations of its country of establishment.

(1) Reconciliation for AUO's and M.Setek's present value of defined benefit obligation and the fair value of plan assets

|   | <b>December 31,</b> |                  |
|---|---------------------|------------------|
|   | <b>2018</b>         | <b>2019</b>      |
|   | (in thousands)      |                  |
| Present value of defined benefit obligation | \$ (3,257,962)      | (3,155,988)      |
| Fair value of plan assets                   | 2,367,273           | 2,542,831        |
| Net defined benefit liability               | <b>\$ (890,689)</b> | <b>(613,157)</b> |



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(2) Movement in net defined benefit asset (liability)

|   | Defined benefit obligation |                    | Fair value of plan assets |                  | Net defined benefit asset (liability) |                  |
|---|----------------------------|--------------------|---------------------------|------------------|---------------------------------------|------------------|
|   | 2018                       | 2019               | 2018                      | 2019             | 2018                                  | 2019             |
|   | (in thousands)             |                    |                           |                  |                                       |                  |
| <b>Balance at January 1,</b>                    | \$ (3,128,927)             | (3,257,962)        | 2,213,018                 | 2,367,273        | (915,909)                             | (890,689)        |
| <b>Included in profit or loss</b>               |                            |                    |                           |                  |                                       |                  |
| Service cost                                    | (5,289)                    | (4,104)            | -                         | -                | (5,289)                               | (4,104)          |
| Interest cost                                   | (49,598)                   | (39,337)           | -                         | -                | (49,598)                              | (39,337)         |
| Expected return on plan assets                  | -                          | -                  | 35,408                    | 28,880           | 35,408                                | 28,880           |
|   | <u>(54,887)</u>            | <u>(43,441)</u>    | <u>35,408</u>             | <u>28,880</u>    | <u>(19,479)</u>                       | <u>(14,561)</u>  |
| <b>Included in other comprehensive income</b>   |                            |                    |                           |                  |                                       |                  |
| Remeasurements (loss) gain:                     |                            |                    |                           |                  |                                       |                  |
| Actuarial (loss) gain arising from:             |                            |                    |                           |                  |                                       |                  |
| - demographic assumptions                       | (15,795)                   | 89,851             | -                         | -                | (15,795)                              | 89,851           |
| - financial assumptions                         | (178,212)                  | (206,995)          | -                         | -                | (178,212)                             | (206,995)        |
| - experience adjustment                         | 84,437                     | 228,466            | -                         | -                | 84,437                                | 228,466          |
| Return on plan assets excluding interest income | -                          | -                  | 52,614                    | 76,788           | 52,614                                | 76,788           |
|   | <u>(109,570)</u>           | <u>111,322</u>     | <u>52,614</u>             | <u>76,788</u>    | <u>(56,956)</u>                       | <u>188,110</u>   |
| <b>Other</b>                                    |                            |                    |                           |                  |                                       |                  |
| Contributions paid by the employer              | -                          | -                  | 102,831                   | 101,019          | 102,831                               | 101,019          |
| Benefits paid                                   | 36,915                     | 33,936             | (36,598)                  | (31,129)         | 317                                   | 2,807            |
| Effect of changes in exchange rates and others  | (1,493)                    | 157                | -                         | -                | (1,493)                               | 157              |
|   | <u>35,422</u>              | <u>34,093</u>      | <u>66,233</u>             | <u>69,890</u>    | <u>101,655</u>                        | <u>103,983</u>   |
| <b>Balance at December 31,</b>                  | \$ <u>(3,257,962)</u>      | <u>(3,155,988)</u> | <u>2,367,273</u>          | <u>2,542,831</u> | <u>(890,689)</u>                      | <u>(613,157)</u> |

(3) Plan assets

Pursuant to the ROC Labor Standards Act, AUO contributes an amount based on a certain percentage of employees' total salaries and wages paid every month to its pension fund (the "Fund"), which is administered by the Bureau of Labor Fund, Ministry of Labor and supervised by the employees' pension plan committee (the "Committee") and deposited in the Committee's name with Bank of Taiwan. Under the ROC Regulations for Revenues, Expenditures, Safeguard and Utilization of the Labor Retirement Fund, the minimum return on the plan assets should not be lower than the average interest rate on two-year time deposits published by the local banks. The government is not only responsible for the determination of the investment strategies and policies, but also for any shortfall in the event that the rate of return is less than the required rate of return.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

As of December 31, 2019, the Fund deposited in the Committee's name in the Bank of Taiwan amounted to \$2,542,854 thousand. Information on utilization of labor pension funds, including the yield rate of funds and the component of plan assets are available at the Bureau of Labor Funds, Ministry of Labor website.

Under the defined benefit plans in Japan, M.Setek is responsible to pay to employees when they are retired.

(4) Defined benefit obligation

(i) Principal actuarial assumptions

|                                   | <b>December 31,</b> |             |
|-----------------------------------|---------------------|-------------|
|                                   | <b>2018</b>         | <b>2019</b> |
| Discount rate                     | 0.21%~1.22%         | 0.18%~0.88% |
| Rate of increase in future salary | 0.77%~4.49%         | 0.77%~4.49% |

The Company anticipates contributing \$100,799 thousand to the defined benefit plans in the next year starting from January 1, 2020.

As at December 31, 2019, the weighted-average duration of the defined benefit obligation was between 5 years to 20 years.

(ii) Sensitivity analysis

Reasonably possible changes at December 31, 2018 and 2019 to one of the relevant actuarial assumptions, holding other assumptions constant, would have affected the defined benefit obligation by the amounts shown below.

|                                      | <b>December 31, 2018</b>      |                  | <b>December 31, 2019</b>      |                  |
|--------------------------------------|-------------------------------|------------------|-------------------------------|------------------|
|                                      | <b>Changes in assumptions</b> |                  | <b>Changes in assumptions</b> |                  |
|                                      | <b>+ 0.25%</b>                | <b>- 0.25%</b>   | <b>+ 0.25%</b>                | <b>- 0.25%</b>   |
|                                      | (in thousands)                |                  | (in thousands)                |                  |
| Discount rate                        | \$ <b>(160,307)</b>           | <b>169,544</b>   | <b>(150,970)</b>              | <b>159,425</b>   |
| Rate of increase in<br>future salary | \$ <b>166,250</b>             | <b>(158,100)</b> | <b>156,774</b>                | <b>(148,385)</b> |

In practical, the relevant actuarial assumptions are correlated to each other. The approach to develop the sensitivity analysis as above is the same approach to recognize the net defined benefit liability in the statement of financial position.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

The approach to develop the sensitivity analysis and its relevant actuarial assumptions are the same as those in previous year.

(b) Defined contribution plans

Commencing July 1, 2005, pursuant to the ROC Labor Pension Act (the "Act"), employees who elected to participate in the Act or joined the Company after July 1, 2005, are subject to a defined contribution plan under the Act. Under the defined contribution plan, AUO and its subsidiaries located in the ROC contribute monthly at a rate of no less than six percent of the employees' monthly salaries and wages to the employee's individual pension fund account at the ROC Bureau of Labor Insurance. The Company's foreign subsidiaries have set up their retirement plans, if necessary, based on their respective local government regulations.

AUO and its subsidiaries in the ROC have set up defined contribution plans in accordance with the Act. For the years ended December 31, 2017, 2018 and 2019, these companies set aside \$1,003,063 thousand, \$1,024,700 thousand and \$977,908 thousand, respectively, of the pension costs under the pension plan to the ROC Bureau of the Labour Insurance. Except for the aforementioned companies, other foreign subsidiaries recognized pension expenses of \$892,109 thousand, \$923,378 thousand and \$784,169 thousand for the years ended December 31, 2017, 2018 and 2019, respectively, for the defined contribution plans based on their respective local government regulations.

## 28. Capital and Other Components of Equity

(a) Common stock

AUO's authorized common stock, with par value of \$10 per share, both amounted to \$100,000,000 thousand as at December 31, 2018 and 2019.

AUO's issued common stock, with par value of \$10 per share, both amounted to \$96,242,451 thousand as at December 31, 2018 and 2019.

On September 9, 2019, AUO's Board of Directors approved the delisting of ADSs from the NYSE and trading on the OTC market. On and from October 1, 2019, AUO's ADSs has begun trading on the OTC market. As of December 31, 2019, AUO has issued 50,123 thousand ADSs, which represented 501,229 thousand shares of its common stock.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(b) Capital surplus

The components of capital surplus as of December 31, 2018 and 2019 were as follows:

|                        | <b>December 31,</b>         |                          |
|------------------------|-----------------------------|--------------------------|
|                        | <b>2018</b>                 | <b>2019</b>              |
|                        | (in thousands)              |                          |
| From common stock      | \$ 52,756,091               | 52,756,091               |
| From convertible bonds | 6,049,862                   | 6,049,862                |
| From others            | <u>1,814,271</u>            | <u>1,737,730</u>         |
|                        | <b><u>\$ 60,620,224</u></b> | <b><u>60,543,683</u></b> |

According to the ROC Company Act, capital surplus, including premium from stock issuing and donations received, shall be applied to offset accumulated deficits before it can be distributed by issuing common stock as stock dividends or by cash according to the proportion of shareholdings. Pursuant to the ROC Regulations Governing the Offering and Issuance of Securities by Securities Issuers, the total sum of capital surplus capitalized per annum shall not exceed 10 percent of the paid-in capital.

(c) Legal reserve

According to the ROC Company Act, 10 percent of the net profit shall be allocated as legal reserve until the accumulated legal reserve equals the paid-in capital. When a company incurs no loss, it may, pursuant to a resolution to be adopted by a shareholders' meeting, distribute its legal reserve by issuing new shares or by cash, only the portion of legal reserve which exceeds 25 percent of the paid-in capital may be distributed.

(d) Distribution of earnings and dividend policy

In accordance with AUO's Articles of Incorporation, after payment of income taxes and offsetting accumulated deficits, the legal reserve shall be set aside until the accumulated legal reserve equals AUO's paid-in capital. In addition, a special reserve in accordance with applicable laws and regulations shall also be set aside or reversed. The remaining current-year earnings together with accumulated undistributed earnings from preceding years can be distributed according to relevant laws and AUO's Articles of Incorporation.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

AUO's dividend policy is to pay dividends from surplus considering factors such as AUO's current and future investment environment, cash requirements, domestic and overseas competitive conditions and capital budget requirements, while taking into account shareholders' interest, maintenance of balanced dividend and AUO's long-term financial plan. If the current-year retained earnings available for distribution reach 2% of the paid-in capital of AUO, dividend to be distributed shall be no less than 20% of the current-year retained earnings available for distribution. If the current-year retained earnings available for distribution do not reach 2% of the paid-in capital of AUO, AUO may decide not to distribute dividend. The cash portion of the dividend, which may be in the form of cash and stock, shall not be less than 10% of the total dividend distributed during the year. The dividend distribution ratio aforementioned could be adjusted after taking into consideration factors such as finance, business and operations, etc.

Pursuant to relevant laws or regulations or as requested by the local authority, total net debit balance of the other components of equity shall be set aside from current earnings as special reserve, and not for distribution. Subsequent decrease pertaining to items that are accounted for as a reduction to the other components of equity shall be reclassified from special reserve to undistributed earnings.

AUO's appropriations of earnings for 2017 had been approved in the shareholders' meeting held on June 15, 2018. The appropriations and dividends per share were as follows:

|                                | <b>For fiscal year 2017</b>               |                                |
|--------------------------------|---|--------------------------------|
|                                | <b>Appropriation<br/>of earnings</b>      | <b>Dividends per<br/>share</b> |
|                                | (in thousands, except for per share data) |                                |
| Legal reserve                  | \$ 3,235,942                              |                                |
| Cash dividends to shareholders | 14,436,368                                | \$1.50                         |
|                                | <b>\$ 17,672,310</b>                      |                                |

The aforementioned appropriation of earnings for 2017 was consistent with the resolutions of the board of directors' meeting held on March 23, 2018.

AUO's appropriations of earnings for 2018 had been approved in the shareholders' meeting held on June 14, 2019. The appropriations and dividends per share were as follows:

|                                | <b>For fiscal year 2018</b>               |                                |
|--------------------------------|---|--------------------------------|
|                                | <b>Appropriation<br/>of earnings</b>      | <b>Dividends per<br/>share</b> |
|                                | (in thousands, except for per share data) |                                |
| Legal reserve                  | \$ 1,016,060                              |                                |
| Special reserve                | 847,770                                   |                                |
| Cash dividends to shareholders | 4,812,122                                 | \$0.50                         |
|                                | <b>\$ 6,675,952</b>                       |                                |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

The aforementioned appropriation of earnings for 2018 was consistent with the resolutions of the board of directors' meeting held on March 22, 2019.

In addition, on March 20, 2020, AUO's board of directors proposed not to distribute any dividend for 2019. However, the appropriation will be subject to the resolution of AUO's annual shareholders' meeting in 2020.

Information on the approval of board of directors and shareholders for AUO's appropriations of earnings are available at the Market Observation Post System website.

(e) Treasury shares

According to the resolution approved by the board of directors' meeting held on September 9, 2019, AUO expects to repurchase 125,000 thousand shares as treasury shares transferred to employees in accordance with the Securities and Exchange Act requirements. The related information on treasury share transactions was as follows:

| Reason for reacquisition  | Year Ended December 31, 2019        |           |            | Number of shares, End of Year |
|---------------------------|-------------------------------------|-----------|------------|-------------------------------|
|                           | Number of shares, Beginning of Year | Additions | Reductions |                               |
| Transferring to employees | -                                   | 125,000   | -          | 125,000                       |

Pursuant to the Securities and Exchange Act, the number of shares repurchased shall not exceed 10 percent of the number of the company's issued and outstanding shares, and the total amount repurchased shall not exceed the sum of the company's retained earnings, share premium, and realized capital surplus. Also, the shares repurchased for transferring to employees shall be transferred within five years from the date of reacquisition and those shares not transferred within the five-year period are to be retired.

In accordance with the Securities and Exchange Act, treasury shares held by AUO shall not be pledged, and do not hold any shareholder rights before their transfer.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(f) Other components of equity

|  | <b>Cumulative<br/>translation<br/>differences</b> | <b>Unrealized<br/>gains<br/>(losses) on<br/>available-<br/>for-sale<br/>financial<br/>assets</b> | <b>Unrealized<br/>gains<br/>(losses) on<br/>cash flow<br/>hedges</b> | <b>Total</b>   |
|--|---|--|--|----------------|
|  |   |  |  |                |
|  |   | (in thousands)   |  |                |
| <b>Balance at January 1, 2017</b>                                | \$ 531,006  | 224,299  | 21,992   | 777,297        |
| Foreign operations – foreign currency translation differences    | (1,882,545)                                       | -  | -  | (1,882,545)    |
| Effective portion of changes in fair value of cash flow hedges   | -   | -  | (21,992)   | (21,992)       |
| Net change in fair value of available-for-sale financial assets  | -   | 1,146,422  | -  | 1,146,422      |
| Equity-accounted investees – share of other comprehensive income | (68,637)  | 6,310  | -  | (62,327)       |
| Related tax  | 299,207   | -  | -  | 299,207        |
| <b>Balance at December 31, 2017</b>                              | <b>\$ (1,120,969)</b>                             | <b>1,377,031</b>   | <b>-</b>   | <b>256,062</b> |

|   | <b>Cumulative<br/>translation<br/>differences</b> | <b>Unrealized<br/>gains<br/>(losses) on<br/>financial<br/>assets at<br/>FVTOCI</b> | <b>Unrealized<br/>gains<br/>(losses) on<br/>available-<br/>for-sale<br/>financial<br/>assets</b> | <b>Total</b>     |
|---|---|--|--|------------------|
|   |   |  |  |                  |
|   |   | (in thousands)   |  |                  |
| <b>Balance at January 1, 2018</b>   | \$ (1,120,969)                                    | -  | 1,377,031  | 256,062          |
| Adjustments on initial application of new standards   | -   | 1,303,816  | (1,377,031)  | (73,215)         |
| Foreign operations – foreign currency translation differences                                     | (336,902)   | -  | -  | (336,902)        |
| Net change in fair value of financial assets at FVTOCI  | -   | (754,813)  | -  | (754,813)        |
| Equity-accounted investees – share of other comprehensive income                                  | (19,716)  | 3,053  | -  | (16,663)         |
| Realized gain on sales of securities reclassified to profit or loss                               | (107,457)   | -  | -  | (107,457)        |
| Cumulative unrealized loss of equity instruments transferred to retained earnings due to disposal | -   | 50,084   | -  | 50,084           |
| Group reorganization  | (22,225)  | -  | -  | (22,225)         |
| Related tax   | 157,359   | -  | -  | 157,359          |
| <b>Balance at December 31, 2018</b>   | <b>\$ (1,449,910)</b>                             | <b>602,140</b>   | <b>-</b>   | <b>(847,770)</b> |

**AU OPTRONICS CORP. AND SUBSIDIARIES**

**Notes to Consolidated Financial Statements**

|   | <b>Cumulative<br/>translation<br/>differences</b> | <b>Unrealized<br/>gains<br/>(losses) on<br/>financial<br/>assets at<br/>FVTOCI</b> | <b>Total</b>              |
|---|---|--|---------------------------|
|   | (in thousands)                                    |  |                           |
| <b>Balance at January 1, 2019</b>                                   | \$ (1,449,910)                                    | 602,140  | (847,770)                 |
| Foreign operations – foreign currency translation differences       | (2,043,931)                                       | -  | (2,043,931)               |
| Net change in fair value of financial assets at FVTOCI              | -   | 519,100  | 519,100                   |
| Equity-accounted investees – share of other comprehensive income    | (38,512)  | 3,358  | (35,154)                  |
| Realized gain on sales of securities reclassified to profit or loss | (9,098)   | -  | (9,098)                   |
| Related tax   | 411,469   | -  | 411,469                   |
| <b>Balance at December 31, 2019</b>                                 | <b>\$ <u>(3,129,982)</u></b>                      | <b><u>1,124,598</u></b>  | <b><u>(2,005,384)</u></b> |

(g) Non-controlling interests, net of tax

|   | <b>For the years ended December 31,</b> |                          |                          |
|---|---|--------------------------|--------------------------|
|   | <b>2017</b>                             | <b>2018</b>              | <b>2019</b>              |
|   | (in thousands)                          |                          |                          |
| <b>Balance at the beginning of the year</b>                               | \$ 18,388,204                           | 17,068,501               | 14,416,559               |
| Equity attributable to non-controlling interests:                         |   |                          |                          |
| Loss for the year   | (2,120,737)                             | (2,177,869)              | (2,413,718)              |
| Adjustment of changes in ownership of investees                           | (6,421)                                 | (20,998)                 | 110,028                  |
| Foreign currency translation differences                                  | (355,700)                               | (306,963)                | (404,575)                |
| Unrealized losses on financial assets at FVTOCI                           | -                                       | (1,474)                  | -                        |
| Remeasurement of defined benefit plans                                    | 201                                     | -                        | -                        |
| Effect of disposal of interest in subsidiary to non-controlling interests | 1,258,788                               | -                        | -                        |
| Effect of acquisition of non-controlling interests                        | -                                       | -                        | (389,430)                |
| Proceeds from subsidiaries capital increase and others                    | (95,834)                                | (144,638)                | (13,957)                 |
| <b>Balance at the end of the year</b>                                     | <b>\$ <u>17,068,501</u></b>             | <b><u>14,416,559</u></b> | <b><u>11,304,907</u></b> |



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 29. Share-based Payments

The Company's employee stock option plans were as follows:

(a) DPTW Option Plan

DPTW 2011 Employee stock option plan was fully expired on January 6, 2017.

Information about DPTW's outstanding stock options is as follows:

|                            | <b>For the year ended<br/>December 31, 2017</b>                 |   |
|----------------------------|---|---|
|                            | <b>Weighted-<br/>average exercise<br/>price<br/>(per share)</b> | <b>Number of<br/>options<br/>(shares)</b> |
| Outstanding at January 1   | \$ 19.04  | 2,913,000                                 |
| Options expired            | -   | (2,913,000)                               |
| Outstanding at December 31 | -   | -   |
| Exercisable at December 31 |   | -   |

(b) ACTW Option Plan

(1) The key terms and conditions related to the grants under ACTW's outstanding employee stock option plan were disclosed as follows:

|                                 | <b>Grant<br/>date</b> | <b>Total number<br/>of options<br/>issued (units<br/>in thousands)</b> | <b>Contractual<br/>life of options</b> | <b>Exercisable<br/>period</b> | <b>Exercise<br/>price<br/>(per share)</b> |
|---------------------------------|-----------------------|--|--|-------------------------------|---|
| 2014 Employee stock option plan | Sep. 1,<br>2014       | 20   | Sep.1, 2014 –<br>Aug. 31, 2019         | After Aug. 31,<br>2016        | \$10                                      |

ACTW 2012 Employee stock option plan was fully expired on August 31, 2017.

(2) The related employee benefit expenses and capital surplus recognized on ACTW's employee stock options were \$474 thousand, \$167 thousand and \$0 for the years ended December 31, 2017, 2018 and 2019, respectively.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(3) Fair value of stock options

The fair value of the employee stock options granted by ACTW was measured at the dates of grant using the Binomial option pricing model. The valuation information was as follows:

|                              | <b>2014 Employee Stock Option Plan</b> |
|------------------------------|--|
| Expected volatility          | 38.88%                                 |
| Risk-free interest rate      | 1.1648%                                |
| Expected duration            | 5 years                                |
| Fair value at the grant date | NT\$0.20/per share                     |

(4) Information about ACTW's outstanding stock options is as follows:

|                            | For the years ended December 31,                      |                                  |   |                                  |
|----------------------------|---|----------------------------------|---|----------------------------------|
|                            | 2018  |                                  | 2019  |                                  |
|                            | Weighted-<br>average<br>exercise price<br>(per share) | Number of<br>options<br>(shares) | Weighted-<br>average<br>exercise price<br>(per share) | Number of<br>options<br>(shares) |
| Outstanding at January 1   | \$ 10   | 16,601,000                       | \$ 10   | 13,291,000                       |
| Options exercised          | 10  | (2,260,000)                      | 10  | (11,995,000)                     |
| Options expired            | -   | (1,050,000)                      | -   | (1,296,000)                      |
| Outstanding at December 31 | 10  | <u>13,291,000</u>                | -   | <u>-</u>                         |
| Exercisable at December 31 |   | <u>13,291,000</u>                |   | <u>-</u>                         |

### 30. Revenue from Contracts with Customers

|                                      | For the year ended December 31, 2018 |                   |                    |
|--------------------------------------|--------------------------------------|-------------------|--------------------|
|                                      | Display<br>segment                   | Energy<br>segment | Total<br>segments  |
|                                      | (in thousands)                       |                   |                    |
| <b>Primary geographical markets:</b> |                                      |                   |                    |
| PRC                                  | \$ 112,542,529                       | 1,089,508         | 113,632,037        |
| Taiwan                               | 93,126,115                           | 6,231,767         | 99,357,882         |
| Singapore                            | 39,363,415                           | 7,515             | 39,370,930         |
| Japan                                | 19,748,373                           | 1,418,491         | 21,166,864         |
| Others                               | 26,004,322                           | 8,102,354         | 34,106,676         |
|                                      | <u>\$ 290,784,754</u>                | <u>16,849,635</u> | <u>307,634,389</u> |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

|   | <b>For the year ended December 31, 2018</b> |                           |                           |
|---|---|---------------------------|---------------------------|
|   | <b>Display<br/>segment</b>                  | <b>Energy<br/>segment</b> | <b>Total<br/>segments</b> |
|   | (in thousands)                              |                           |                           |
| <b>Major products:</b>                            |   |                           |                           |
| Products for Televisions                          | \$ 113,194,567                              | -                         | 113,194,567               |
| Products for Mobile PCs and Devices               | 74,375,305                                  | -                         | 74,375,305                |
| Products for Monitors                             | 47,024,353                                  | -                         | 47,024,353                |
| Products for Commercial and Others <sup>(i)</sup> | 56,190,529                                  | -                         | 56,190,529                |
| Solar Products                                    | -   | 16,849,635                | 16,849,635                |
|   | <b>\$ 290,784,754</b>                       | <b>16,849,635</b>         | <b>307,634,389</b>        |
| <b>Major customers:</b>                           |   |                           |                           |
| Customer A  | \$ 35,358,013                               | -                         | 35,358,013                |
| Others (individually not greater than 10%)        | 255,426,741                                 | 16,849,635                | 272,276,376               |
|   | <b>\$ 290,784,754</b>                       | <b>16,849,635</b>         | <b>307,634,389</b>        |
| <b>For the year ended December 31, 2019</b>       |   |                           |                           |
|   | <b>Display<br/>segment</b>                  | <b>Energy<br/>segment</b> | <b>Total<br/>segments</b> |
|   | (in thousands)                              |                           |                           |
| <b>Primary geographical markets:</b>              |   |                           |                           |
| PRC   | \$ 97,084,436                               | 1,277,799                 | 98,362,235                |
| Taiwan  | 78,394,325                                  | 4,835,269                 | 83,229,594                |
| Singapore   | 38,526,625                                  | 7,666                     | 38,534,291                |
| Japan   | 19,877,671                                  | 1,046,332                 | 20,924,003                |
| Others  | 22,784,165                                  | 4,957,406                 | 27,741,571                |
|   | <b>\$ 256,667,222</b>                       | <b>12,124,472</b>         | <b>268,791,694</b>        |
| <b>Major products:</b>                            |   |                           |                           |
| Products for Televisions                          | \$ 87,269,763                               | -                         | 87,269,763                |
| Products for Mobile PCs and Devices               | 69,305,510                                  | -                         | 69,305,510                |
| Products for Monitors                             | 39,522,268                                  | -                         | 39,522,268                |
| Products for Commercial and Others <sup>(i)</sup> | 60,569,681                                  | -                         | 60,569,681                |
| Solar Products                                    | -   | 12,124,472                | 12,124,472                |
|   | <b>\$ 256,667,222</b>                       | <b>12,124,472</b>         | <b>268,791,694</b>        |
| <b>Major customers:</b>                           |   |                           |                           |
| Customer A  | \$ 33,142,985                               | -                         | 33,142,985                |
| Others (individually not greater than 10%)        | 223,524,237                                 | 12,124,472                | 235,648,709               |
|   | <b>\$ 256,667,222</b>                       | <b>12,124,472</b>         | <b>268,791,694</b>        |

(i) Others include sales from products for other applications and sales of raw materials, components and from service charges.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Refer to note 31 and note 46 for revenue related information for the year ended December 31, 2017.

#### 31. Revenue

|                         | <b>For the year<br/>ended December<br/>31, 2017</b> |
|-------------------------|---|
|                         | (in thousands)                                      |
| Sale of goods           | \$ 329,584,136                                      |
| Other operating revenue | <u>11,444,131</u>                                   |
|                         | <u><b>\$ 341,028,267</b></u>                        |

Refer to note 30 for the disaggregation of revenue for the years ended December 31, 2018 and 2019.

#### 32. Remuneration to Employees and Directors

According to AUO's Articles of Incorporation, AUO should distribute remuneration to employees and directors no less than 5% and no more than 1% of annual profits before income tax, respectively, after offsetting accumulated deficits, if any. Only employees, including employees of affiliate companies that meet certain conditions are entitled to the abovementioned remuneration which to be distributed in stock or cash. The said conditions and distribution method are decided by board of directors or the personnel authorized by board of directors.

AUO did not accrue remuneration to employees and directors due to the loss making position for the year ended December 31, 2019.

AUO accrued remuneration to employees based on the profit before income tax excluding the remuneration to employees and directors for the period, multiplied by the percentage resolved by board of directors. For the years ended December 31, 2017 and 2018, AUO estimated the remuneration to employees amounting to \$4,062,114 thousand and \$1,215,696 thousand, respectively. Remuneration to directors was estimated based on the amount expected to pay and recognized together with the remuneration to employees as cost of sales or operating related expenses. If remuneration to employees is resolved to be distributed in stock, the number of shares is determined by dividing the amount of remuneration by the closing price of the shares (ignoring ex-dividend effect) on the day preceding the board of directors' meeting. If there is a change in the proposed amounts after the annual consolidated financial statements are authorized for issue, the differences are accounted for as a change in accounting estimate and adjusted prospectively to next year's profit or loss.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Remuneration to employees and directors for 2017 in the amounts of \$4,062,114 thousand and \$132,604 thousand, respectively, in cash for payment had been approved in the meeting of board of directors held on March 23, 2018. The aforementioned approved amounts are the same as the amounts charged against earnings of 2017.

Remuneration to employees and directors for 2018 in the amounts of \$1,215,696 thousand and \$27,780 thousand, respectively, in cash for payment have been approved in the meeting of board of directors held on March 22, 2019. The aforementioned approved amounts are the same as the amounts charged against earnings of 2018.

The information about AUO's remuneration to employees and directors is available at the Market Observation Post System website.

#### 33. The Nature of Expenses

##### (a) Depreciation of property, plant and equipment

|   | <b>For the years ended December 31,</b> |                   |                   |
|---|---|-------------------|-------------------|
|   | <b>2017</b>                             | <b>2018</b>       | <b>2019</b>       |
|   | (in thousands)                          |                   |                   |
| Recognized in cost of sales                     | \$ 31,660,279                           | 29,980,415        | 31,599,910        |
| Recognized in operating expenses <sup>(i)</sup> | 4,140,951                               | 3,706,146         | 4,093,123         |
|   | <b>\$ 35,801,230</b>                    | <b>33,686,561</b> | <b>35,693,033</b> |

##### (b) Amortization of intangible assets

|   | <b>For the years ended December 31,</b> |                |                |
|---|---|----------------|----------------|
|   | <b>2017</b>                             | <b>2018</b>    | <b>2019</b>    |
|   | (in thousands)                          |                |                |
| Recognized in cost of sales                     | \$ 628,606                              | 518,403        | 436,815        |
| Recognized in operating expenses <sup>(i)</sup> | -                                       | 22,566         | 127,871        |
|   | <b>\$ 628,606</b>                       | <b>540,969</b> | <b>564,686</b> |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(c) Employee benefits expenses

|                             | For the years ended December 31, |                   |                   |
|-----------------------------|----------------------------------|-------------------|-------------------|
|                             | 2017                             | 2018              | 2019              |
|                             | (in thousands)                   |                   |                   |
| Salaries and wages          | \$ 37,818,321                    | 34,933,925        | 30,824,887        |
| Labor and health insurances | 1,967,688                        | 2,009,652         | 1,917,244         |
| Retirement benefits         | 1,917,136                        | 1,967,557         | 1,776,638         |
| Other employee benefits     | 3,197,324                        | 3,839,988         | 3,635,371         |
|                             | <b>\$ 44,900,469</b>             | <b>42,751,122</b> | <b>38,154,140</b> |

Employee benefits expense summarized by function

|   |                      |                   |                   |
|---|----------------------|-------------------|-------------------|
| Recognized in cost of sales                     | \$ 34,703,579        | 33,455,273        | 29,453,257        |
| Recognized in operating expenses <sup>(i)</sup> | 10,196,890           | 9,295,849         | 8,700,883         |
|   | <b>\$ 44,900,469</b> | <b>42,751,122</b> | <b>38,154,140</b> |

- (i) Operating expenses are inclusive of selling and distribution expenses, general and administrative expenses and research and development expenses.

### 34. Other Income

|   | For the years ended December 31, |                  |                  |
|---|----------------------------------|------------------|------------------|
|   | 2017                             | 2018             | 2019             |
|   | (in thousands)                   |                  |                  |
| Interest income on bank deposits  | \$ 591,995                       | 832,621          | 879,053          |
| Interest income on government bonds with reverse repurchase agreements and others | 20,215                           | 8,994            | 6,467            |
| Rental income, net  | 531,442                          | 628,401          | 488,811          |
| Dividend income   | 248,514                          | 468,263          | 295,575          |
| Grants  | 1,801,585                        | 2,716,197        | 2,734,987        |
| Others  | 636,146                          | 757,649          | 915,378          |
|   | <b>\$ 3,829,897</b>              | <b>5,412,125</b> | <b>5,320,271</b> |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 35. Other Gains and Losses

|  | For the years ended December 31, |                  |                    |
|--|----------------------------------|------------------|--------------------|
|  | 2017                             | 2018             | 2019               |
|  | (in thousands)                   |                  |                    |
| Foreign exchange gains (losses), net                                 | \$ (1,364,929)                   | (41,391)         | (168,499)          |
| Gains on valuation of financial instruments at FVTPL, net            | 1,646,034                        | 507,532          | 381,620            |
| Gains (losses) on disposals of investments and financial assets, net | 42,788                           | -                | (13,154)           |
| Gains on disposals of property, plant and equipment, net             | 330,814                          | 1,923,044        | 106,546            |
| Impairment losses on assets  | (1,046,668)                      | (399,363)        | (2,298,646)        |
| Gains (losses) from litigation and others                            | (584,599)                        | (501,770)        | 396,519            |
|  | <b>\$ (976,560)</b>              | <b>1,488,052</b> | <b>(1,595,614)</b> |

#### 36. Finance Costs

|                                       | For the years ended December 31, |                  |                  |
|---------------------------------------|----------------------------------|------------------|------------------|
|                                       | 2017                             | 2018             | 2019             |
|                                       | (in thousands)                   |                  |                  |
| Interest expense on bank borrowings   | \$ 2,519,839                     | 2,442,872        | 2,714,080        |
| Interest expense on lease liabilities | -                                | -                | 209,607          |
| Interest expense on others            | 348,022                          | 220,733          | 327,683          |
|                                       | <b>\$ 2,867,861</b>              | <b>2,663,605</b> | <b>3,251,370</b> |

#### 37. Income Taxes

According to the amendment to the ROC Income Tax Act enacted on February 7, 2018, an increase in the corporate income tax rate from 17% to 20% is applicable to AUO and its domestic subsidiaries starting from fiscal year 2018 and beyond. In addition, the tax rate for 2018 undistributed earnings was reduced from 10% to 5%.

The Company cannot file a consolidated tax return under local regulations. Therefore, AUO and its subsidiaries calculate their income taxes liabilities individually on a stand-alone basis using the enacted tax rates in their respective tax jurisdictions.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

- (a) The components of income tax expense (benefit) for the years ended December 31, 2017, 2018 and 2019 were as follows:

|  | <b>For the years ended December 31,</b> |                    |                  |
|--|---|--------------------|------------------|
|  | <b>2017</b>                             | <b>2018</b>        | <b>2019</b>      |
|  | (in thousands)                          |                    |                  |
| Current income tax expense (benefit):              |   |                    |                  |
| Current year                                       | \$ 3,719,483                            | 1,444,698          | 752,863          |
| Adjustment to prior years and others               | <u>246,264</u>                          | <u>(1,772,898)</u> | <u>(684,197)</u> |
|  | <u>3,965,747</u>                        | <u>(328,200)</u>   | <u>68,666</u>    |
| Deferred tax expense (benefit):                    |   |                    |                  |
| Temporary differences                              | (1,271,415)                             | (632,785)          | 584,559          |
| Investment tax credit and tax losses carryforwards | (3,819,489)                             | 1,998,662          | 682,930          |
| Effect of changes in statutory income tax rate     | <u>-</u>                                | <u>(715,303)</u>   | <u>-</u>         |
|  | <u>(5,090,904)</u>                      | <u>650,574</u>     | <u>1,267,489</u> |
| Total income tax expense (benefit)                 | <u>\$ (1,125,157)</u>                   | <u>322,374</u>     | <u>1,336,155</u> |

- (b) Income taxes expense (benefit) recognized directly in other comprehensive income for the years ended December 31, 2017, 2018 and 2019 were as follows:

|   | <b>For the years ended December 31,</b> |                  |                  |
|---|---|------------------|------------------|
|   | <b>2017</b>                             | <b>2018</b>      | <b>2019</b>      |
|   | (in thousands)                          |                  |                  |
| Items that will never be reclassified to profit or loss:              |   |                  |                  |
| Remeasurement of defined benefit obligations                          | <u>\$ (155,930)</u>                     | <u>(38,908)</u>  | <u>37,622</u>    |
| Items that are or may be reclassified subsequently to profit or loss: |   |                  |                  |
| Foreign operations – foreign currency translation differences         | <u>\$ (316,372)</u>                     | <u>(191,809)</u> | <u>(459,729)</u> |



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

- (c) Reconciliation of the expected income tax expense (benefit) calculated based on the ROC statutory income tax rate compared with the actual income tax expense (benefit) as reported in the consolidated statements of comprehensive income for the years ended December 31, 2017, 2018 and 2019, was as follows:

|   | <b>For the years ended December 31</b> |                   |                     |
|---|--|-------------------|---------------------|
|   | <b>2017</b>                            | <b>2018</b>       | <b>2019</b>         |
|   | (in thousands)                         |                   |                     |
| Profit (Loss) before income taxes   | \$ <u>39,363,606</u>                   | <u>11,216,151</u> | <u>(19,844,754)</u> |
| Income tax expense at AUO's statutory tax rate  | 6,691,813                              | 2,243,230         | (3,968,951)         |
| Effect of different subsidiaries income tax rate  | 348,192                                | (484,055)         | 38,756              |
| Share of profit (loss) of equity-accounted subsidiaries   | (708,417)                              | 795,459           | (73,968)            |
| Effect of changes in statutory income tax rate  | -                                      | (715,303)         | -                   |
| Effect of change of unrecognized deductible temporary differences, tax losses carryforwards, and investment tax credits | (10,645,339)                           | 138,969           | 5,947,778           |
| Net of non-taxable income and non-deductible expense  | 698,540                                | (186,957)         | 265,119             |
| Tax on undistributed earnings, net  | 2,987,763                              | 323,559           | 7,709               |
| Adjustments to prior year   | (528,662)                              | (1,772,898)       | (684,197)           |
| Others  | <u>30,953</u>                          | <u>(19,630)</u>   | <u>(196,091)</u>    |
| Income tax expense (benefit)  | <u>\$ (1,125,157)</u>                  | <u>322,374</u>    | <u>1,336,155</u>    |
| Effective tax rate  | (2.85)%                                | 2.87%             | (6.73)%             |

The above reconciliation is prepared based on each individual entity of the Company and presented on an aggregate basis.

During the year ended December 31, 2017, the Company has utilized previously unrecognized tax losses carryforwards in current year amounting to \$7,494,191 thousand and recognized deferred tax assets arising from tax losses carryforwards of \$3,878,233 thousand that are expected to be utilized in future periods.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(d) The components of deferred tax assets and liabilities were as follows:

|   | Deferred tax assets        |                         | Deferred tax liabilities  |                           | Total                   |                         |
|---|----------------------------|-------------------------|---------------------------|---------------------------|-------------------------|-------------------------|
|   | December 31,<br>2018       | December 31,<br>2019    | December 31,<br>2018      | December 31,<br>2019      | December 31,<br>2018    | December 31,<br>2019    |
|   | (in thousands)             |                         |                           |                           |                         |                         |
| Investment tax credits  | \$ 542,115                 | 385,728                 | -                         | -                         | 542,115                 | 385,728                 |
| Tax losses carryforwards                                      | 2,760,163                  | 2,223,440               | -                         | -                         | 2,760,163               | 2,223,440               |
| Unrealized loss and expenses                                  | 310,192                    | 166,393                 | (5,556)                   | (5,321)                   | 304,636                 | 161,072                 |
| Inventories write-down  | 1,027,680                  | 879,267                 | -                         | -                         | 1,027,680               | 879,267                 |
| Foreign investment gains under the equity method              | -                          | -                       | (1,049,091)               | (1,043,486)               | (1,049,091)             | (1,043,486)             |
| Remeasurement of defined benefit plans                        | 194,838                    | 157,216                 | -                         | -                         | 194,838                 | 157,216                 |
| Foreign operations – foreign currency translation differences | 426,333                    | 886,062                 | -                         | -                         | 426,333                 | 886,062                 |
| Others  | <u>1,371,347</u>           | <u>483,511</u>          | <u>(577,517)</u>          | <u>(1,864)</u>            | <u>793,830</u>          | <u>481,647</u>          |
| Deferred tax assets (liabilities)                             | <u>\$ <b>6,632,668</b></u> | <u><b>5,181,617</b></u> | <u><b>(1,632,164)</b></u> | <u><b>(1,050,671)</b></u> | <u><b>5,000,504</b></u> | <u><b>4,130,946</b></u> |

(e) Changes in deferred tax assets and liabilities were as follows:

|   | January 1, 2018            | Recognized in profit or loss | Recognized in other comprehensive income | Effect of change in consolidated entities, exchange rate and others | December 31, 2018       | Recognized in profit or loss | Recognized in other comprehensive income | Effect of change in consolidated entities, exchange rate and others | December 31, 2019       |
|---|----------------------------|------------------------------|--|---|-------------------------|------------------------------|--|---|-------------------------|
|   |                            |                              |  |   |                         |                              |  |   |                         |
| Investment tax credits  | \$ 656,480                 | (132,840)                    | -  | 18,475  | 542,115                 | (148,453)                    | -  | (7,934)   | 385,728                 |
| Tax losses carryforwards                                      | 3,942,012                  | (1,181,429)                  | -  | (420)   | 2,760,163               | (534,477)                    | -  | (2,246)   | 2,223,440               |
| Unrealized loss and expenses                                  | 222,739                    | 81,893                       | -  | 4   | 304,636                 | (143,534)                    | -  | (30)  | 161,072                 |
| Inventories write-down  | 644,887                    | 386,558                      | -  | (3,765)   | 1,027,680               | (148,035)                    | -  | (378)   | 879,267                 |
| Foreign investment losses (gains) under the equity method     | (890,153)                  | (158,938)                    | -  | -   | (1,049,091)             | 5,605                        | -  | -   | (1,043,486)             |
| Remeasurement of defined benefit plans                        | 155,930                    | -                            | 38,908                                   | -   | 194,838                 | -                            | (37,622)                                 | -   | 157,216                 |
| Foreign operations – foreign currency translation differences | 234,524                    | -                            | 191,809                                  | -   | 426,333                 | -                            | 459,729                                  | -   | 886,062                 |
| Others  | <u>464,368</u>             | <u>354,182</u>               | <u>-</u>                                 | <u>(24,720)</u>   | <u>793,830</u>          | <u>(298,595)</u>             | <u>-</u>                                 | <u>(13,588)</u>   | <u>481,647</u>          |
| Total   | <u>\$ <b>5,430,787</b></u> | <u><b>(650,574)</b></u>      | <u><b>230,717</b></u>                    | <u><b>(10,426)</b></u>  | <u><b>5,000,504</b></u> | <u><b>(1,267,489)</b></u>    | <u><b>422,107</b></u>                    | <u><b>(24,176)</b></u>  | <u><b>4,130,946</b></u> |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

- (f) Unrecognized deferred tax assets and unrecognized deferred tax liabilities

Deferred tax assets have not been recognized in respect of the following items.

|   | <b>December 31,</b>  |                   |
|---|----------------------|-------------------|
|   | <b>2018</b>          | <b>2019</b>       |
|   | (in thousands)       |                   |
| Unused tax losses carryforwards                                   | \$ 28,697,671        | 32,445,130        |
| Unused investment tax credits                                     | 853,837              | 981,360           |
| Difference in depreciation expense for tax and financial purposes | 1,972,536            | 1,866,430         |
| Inventories write-down  | 19,852               | 22,875            |
| Others  | 646,390              | 1,730,739         |
|   | <b>\$ 32,190,286</b> | <b>37,046,534</b> |

As of December 31, 2019, the unused investment tax credits include \$974,909 thousand and \$6,297 thousand from AUST and ACMK, respectively, with no expiration and \$154 thousand from a domestic subsidiary, UTI.

Tax loss carryforwards is utilized in accordance with the relevant jurisdictional tax laws and regulations. Net losses from foreign subsidiaries are approved by tax authorities in respective jurisdiction to offset future taxable profits. Under the ROC tax laws, approved tax losses of AUO and its domestic subsidiaries can be carried forward for 10 years to offset future taxable profits.

As of December 31, 2019, the expiration period for abovementioned unrecognized deferred tax assets of unused tax losses carryforwards were as follows:

| <u>Year of assessment</u> | <u>Unrecognized<br/>deferred tax assets</u><br>(in thousands) | <u>Expiration in year</u> |
|---------------------------|---|---------------------------|
| 2011                      | \$ 2,904,785  | 2020 ~ 2021               |
| 2012                      | 11,042,933  | 2021 ~ 2022               |
| 2013                      | 1,747,050   | 2022 ~ 2023               |
| 2014                      | 2,347,376   | 2023 ~ 2024               |
| 2015                      | 2,159,621   | 2020 ~ 2025               |
| 2016                      | 4,259,267   | 2020 ~ 2026               |
| 2017                      | 2,314,089   | 2021 ~ 2026               |
| 2018                      | 1,279,958   | 2023 ~ 2028               |
| 2019 (estimated)          | 4,390,051   | 2023 ~ 2029               |
|                           | <b>\$ 32,445,130</b>  |                           |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

As of December 31, 2019, the aggregate taxable temporary differences associated with investments in subsidiaries not recognized as deferred tax liabilities amounted to \$277,670 thousand.

- (g) Assessments by the tax authorities

As of December 31, 2019, the tax authorities have completed the examination of income tax returns of AUO through 2017.

#### 38. Earnings (Loss) per Share

- (a) Basic earnings (loss) per share for the years ended December 31, 2017, 2018 and 2019 were calculated as follows:

|  | <b>For the years ended December 31,</b>   |                   |                     |
|--|---|-------------------|---------------------|
|  | <b>2017</b>                               | <b>2018</b>       | <b>2019</b>         |
|  | (in thousands, except for per share data) |                   |                     |
| Profit (loss) attributable to AUO's shareholders                             | \$ <u>42,609,500</u>                      | <u>13,071,646</u> | <u>(18,767,191)</u> |
| Weighted-average number of common shares outstanding during the year (basic) | <u>9,624,245</u>                          | <u>9,624,245</u>  | <u>9,597,268</u>    |
| Basic earnings (loss) per share  | \$ <u>4.43</u>                            | <u>1.36</u>       | <u>(1.96)</u>       |

- (b) Diluted earnings (loss) per share for the years ended December 31, 2017, 2018 and 2019 were calculated as follows:

|   | <b>For the years ended December 31,</b>   |                   |                     |
|---|---|-------------------|---------------------|
|   | <b>2017</b>                               | <b>2018</b>       | <b>2019</b>         |
|   | (in thousands, except for per share data) |                   |                     |
| Profit (loss) attributable to AUO's shareholders  | \$ <u>42,609,500</u>                      | <u>13,071,646</u> | <u>(18,767,191)</u> |
| Weighted-average number of common shares outstanding during the year (including the effect of dilutive potential common stock): |   |                   |                     |
| Weighted-average number of common shares (basic)  | 9,624,245                                 | 9,624,245         | 9,597,268           |
| Effect of employee remuneration in stock  | <u>347,903</u>                            | <u>164,609</u>    | -                   |
| Weighted-average number of common shares (diluted)  | <u>9,972,148</u>                          | <u>9,788,854</u>  | <u>9,597,268</u>    |
| Diluted earnings (loss) per share   | \$ <u>4.27</u>                            | <u>1.34</u>       | <u>(1.96)</u>       |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Since AUO incurred net loss for the year ended December 31, 2019, there were no potential ordinary shares with dilutive effect for the year.

#### 39. Cash Flow Information

The reconciliation of liabilities to cash flows arising from financing activities was as follows:

|   | <b>Long-term<br/>borrowings<br/>(including<br/>current<br/>installments)</b> | <b>Short-term<br/>borrowings</b> | <b>Guarantee<br/>deposits</b> | <b>Total<br/>liabilities<br/>from<br/>financing<br/>activities</b> |
|---|--|----------------------------------|-------------------------------|--|
|   | (in thousands)   |                                  |                               |  |
| <b>Balance at January 1, 2017</b>         | \$ 124,262,620   | 526,723                          | 838,263                       | 125,627,606  |
| Cash flows                                | (12,571,198)   | 2,903,927                        | (34,654)                      | (9,701,925)  |
| Non-cash changes:                         |  |                                  |                               |  |
| Changes in exchange rate                  | (1,142,980)  | (6,274)                          | 34,873                        | (1,114,381)  |
| Effect of change in consolidated entities | (84,187)   | -                                | -                             | (84,187)   |
| Amortization on transaction costs         | 143,755  | -                                | -                             | 143,755  |
| <b>Balance at December 31, 2017</b>       | <u>\$ 110,608,010</u>  | <u>3,424,376</u>                 | <u>838,482</u>                | <u>114,870,868</u>   |
| Cash flows                                | (24,464,961)   | (2,817,894)                      | (13,402)                      | (27,296,257)   |
| Non-cash changes:                         |  |                                  |                               |  |
| Changes in exchange rate                  | 27,663   | (60,010)                         | (8,568)                       | (40,915)   |
| Amortization on transaction costs         | 134,606  | -                                | -                             | 134,606  |
| <b>Balance at December 31, 2018</b>       | <u>\$ 86,305,318</u>   | <u>546,472</u>                   | <u>816,512</u>                | <u>87,668,302</u>  |

|  | <b>Long-term<br/>borrowings<br/>(including<br/>current<br/>installments)</b> | <b>Short-term<br/>borrowings</b> | <b>Guarantee<br/>deposits</b> | <b>Lease<br/>liabilities</b> | <b>Total<br/>liabilities<br/>from<br/>financing<br/>activities</b> |
|--|--|----------------------------------|-------------------------------|------------------------------|--|
|  | (in thousands)   |                                  |                               |                              |  |
| <b>Balance at January 1, 2019</b>        | \$ 86,305,318  | 546,472                          | 816,512                       | 12,689,526                   | 100,357,828  |
| Cash flows                               | 26,501,234   | 1,188,250                        | (1,828)                       | (694,922)                    | 26,992,734   |
| Non-cash changes:                        |  |                                  |                               |                              |  |
| Increase (decrease) in lease liabilities | -  | -                                | -                             | (872,224)                    | (872,224)  |
| Changes in exchange rate                 | (1,059,445)  | (9,120)                          | (29,228)                      | (31,303)                     | (1,129,096)  |
| Amortization on transaction costs        | 221,285  | -                                | -                             | -                            | 221,285  |
| <b>Balance at December 31, 2019</b>      | <u>\$ 111,968,392</u>  | <u>1,725,602</u>                 | <u>785,456</u>                | <u>11,091,077</u>            | <u>125,570,527</u>   |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 40. Financial Instruments

(1) Fair value and carrying amount

The carrying amounts of the Company's current non-derivative financial instruments, including financial assets at amortized cost and financial liabilities at amortized cost, were considered to approximate their fair value due to their short-term nature. This methodology applies to cash and cash equivalents, receivables or payables (including related parties), other current financial assets, and short-term borrowings.

Disclosures of fair value are not required for the financial instruments abovementioned and lease liabilities. Other than those, the carrying amount and fair value of other financial instruments of the Company as of December 31, 2018 and 2019 were as follows:

|  | December 31, 2018  |            | December 31, 2019  |             |
|--|--------------------|------------|--------------------|-------------|
|  | Carrying<br>Amount | Fair Value | Carrying<br>Amount | Fair Value  |
|  | (in thousands)     |            |                    |             |
| <b>Financial assets:</b>                                 |                    |            |                    |             |
| Financial assets at FVTPL:                               |                    |            |                    |             |
| Financial assets mandatorily<br>measured at FVTPL        | \$ 1,709,531       | 1,709,531  | 1,521,406          | 1,521,406   |
| Financial assets at FVTOCI                               | 6,979,925          | 6,979,925  | 7,545,171          | 7,545,171   |
| Financial assets at amortized cost:                      |                    |            |                    |             |
| Long-term receivables                                    | 930,001            | 930,001    | 5,812              | 5,812       |
| Refundable deposits                                      | 716,097            | 716,097    | 663,911            | 663,911     |
| <b>Financial liabilities:</b>                            |                    |            |                    |             |
| Financial liabilities at FVTPL:                          |                    |            |                    |             |
| Financial liabilities held for trading                   | 22,115             | 22,115     | 18,859             | 18,859      |
| Financial liabilities at amortized cost:                 |                    |            |                    |             |
| Long-term borrowings (including<br>current installments) | 86,305,318         | 86,305,318 | 111,968,392        | 111,968,392 |
| Guarantee deposits                                       | 816,512            | 816,512    | 785,456            | 785,456     |

(2) Valuation techniques and assumptions applied in fair value measurement

The fair values of financial assets and financial liabilities with standard terms and conditions and traded in active markets are determined with reference to quoted market prices. The fair values of other financial assets and financial liabilities without quoted market prices are estimated using valuation approach. The estimates and assumptions used are the same as those used by market participants in the pricing of financial instruments.

Fair value of foreign currency forward contract is measured based on the maturity date of each contract with quoted spot rate and quoted swap points from Reuters quote system.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

Fair value of structured investment product is measured based on the discounted future cash flows arising from principal consideration and probable gains estimate to be received.

Fair value of long-term receivables is determined by discounting the expected cash flows at a market interest rate.

The refundable deposits and guarantee deposits are based on carrying amount as there is no fixed maturity.

The fair value of floating-rate long-term borrowings approximates to their carrying value.

(3) Fair value measurements recognized in the consolidated statements of financial position

The Company determines fair value based on assumptions that market participants would use in pricing an asset or a liability in the principal market. When considering market participant assumptions in fair value measurements, the following fair value hierarchy distinguishes between observable and unobservable inputs, which are categorized in one of the following levels:

- (i) Level 1 inputs: Unadjusted quoted prices for identical assets or liabilities in active markets.
- (ii) Level 2 inputs: Other than quoted prices included within Level 1, inputs are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices).
- (iii) Level 3 inputs: Derived from valuation techniques that include inputs for the asset or liability that are not based on observable market data (unobservable inputs).

The fair value measurement level of an asset or a liability within their fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. The Company uses valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Financial assets and liabilities measured at fair value on a recurring basis were as follows:

|  | <b>Level 1</b> | <b>Level 2</b> | <b>Level 3</b> | <b>Total</b> |
|--|----------------|----------------|----------------|--------------|
|  | (in thousands) |                |                |              |
| <b>December 31, 2018</b>                       |                |                |                |              |
| Financial assets at FVTPL:                     |                |                |                |              |
| Financial assets mandatorily measured at FVTPL | \$ -           | 1,709,531      | -              | 1,709,531    |
| Financial assets at FVTOCI                     | 6,803,900      | -              | 176,025        | 6,979,925    |
| Financial assets at amortized cost:            |                |                |                |              |
| Long-term receivables                          | -              | 930,001        | -              | 930,001      |
| Financial liabilities at FVTPL:                |                |                |                |              |
| Financial liabilities held for trading         | -              | 22,115         | -              | 22,115       |
| <b>December 31, 2019</b>                       |                |                |                |              |
| Financial assets at FVTPL:                     |                |                |                |              |
| Financial assets mandatorily measured at FVTPL | \$ -           | 1,521,406      | -              | 1,521,406    |
| Financial assets at FVTOCI                     | 7,356,501      | -              | 188,670        | 7,545,171    |
| Financial assets at amortized cost:            |                |                |                |              |
| Long-term receivables                          | -              | 5,812          | -              | 5,812        |
| Financial liabilities at FVTPL:                |                |                |                |              |
| Financial liabilities held for trading         | -              | 18,859         | -              | 18,859       |

There were no transfers between Level 1 and 2 for the years ended December 31, 2018 and 2019.

- (4) Reconciliation for recurring fair value measurements categorized within Level 3

|  | <b>For the year<br/>ended December<br/>31, 2017</b> |
|--|---|
|  | (in thousands)                                      |
| Available-for-sale financial assets without quoted market prices         |   |
| <b>Balance at the beginning of the year</b>                              | \$ 193,582  |
| Net realized/unrealized losses included in profit or loss <sup>(i)</sup> | (30,000)  |
| Purchases  | 14,233  |
| <b>Balance at the end of the year</b>                                    | <b>\$ 177,815</b>                                   |

- (i) Change in unrealized losses, which were included in profit or loss, relating to those available-for-sale assets without quoted market prices held at December 31, 2017 was \$30,000 thousand.



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

|  | For the years ended<br>December 31, |                |
|--|-------------------------------------|----------------|
|  | 2018                                | 2019           |
|  | (in thousands)                      |                |
| Financial assets at FVTOCI – equity instruments<br>without active market |                                     |                |
| <b>Balance at the beginning of the year</b>                              | \$ -                                | 176,025        |
| Adjustments on initial application of IFRS 9                             | 177,815                             | -              |
| Net gains (losses) included in other comprehensive<br>income             | 9,990                               | (33,501)       |
| Purchases  | 34,157                              | 47,182         |
| Disposals  | (45,937)                            | -              |
| Effect of exchange rate change   | -                                   | (1,036)        |
| <b>Balance at the end of the year</b>                                    | <b>\$ 176,025</b>                   | <b>188,670</b> |

- (5) Description of valuation processes and quantitative disclosures for fair value measurements categorized within Level 3

The Company's management reviews the policy and procedures of fair value measurements at least once at the end of the annual reporting period, or more frequently as deemed necessary. When a fair value measurement involves one or more significant inputs that are unobservable, the Company monitors the valuation process discreetly and examines whether the inputs are used the most relevant market data available.

| Item   | Valuation<br>technique | Significant<br>unobservable inputs  | Inter-relationship between<br>significant<br>unobservable inputs and<br>fair value measurement   |
|--|------------------------|---|--|
| Financial assets at<br>FVTOCI–equity<br>instruments without<br>active market | Market approach        | <ul style="list-style-type: none"> <li>• Price-Book ratio (0.99~5.2 at Dec. 31, 2018 and 0.7~2.95 at Dec. 31, 2019)</li> <li>• Price-Earnings ratio (14.69~112.13 at Dec. 31, 2018 and 7.85~31.28 at Dec. 31, 2019)</li> <li>• Discount for lack of marketability (20% at Dec. 31, 2018 and 20% ~28% at Dec. 31, 2019)</li> </ul> | <ul style="list-style-type: none"> <li>• The higher the price-book ratio is, the higher the fair value is.</li> <li>• The higher the price-earnings ratio is, the higher the fair value is.</li> <li>• The greater degree of lack of marketability is, the lower the fair value is.</li> </ul> |

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

#### **41. Financial Risk Management**

(a) Risk management framework

The managerial officers of related divisions are appointed to review, control, trace and monitor the strategic risks, financial risks and operational risks faced by the Company. The managerial officers report to executive officers the progress of risk controls from time to time and, if necessary, report to the board of directors, depending on the extent of impact of risks.

(b) Financial risk information

Hereinafter discloses information about the Company's exposure to variable risks, and the goals, policies and procedures of the Company's risk measurement and risk management.

The Company is exposed to the following risks due to usage of financial instruments:

(1) Credit risk

Credit risk is the risk of financial loss to the Company if a customer or counterparty to a financial instrument fails to meet its contractual obligations. The Company's exposures to credit risk are mainly from:

- (i) The carrying amount of financial assets recognized in the consolidated statements of financial position.
- (ii) The amount of contingent liabilities as a result from the Company providing financial guarantee to its customers.

The Company's potential credit risk is derived primarily from cash in bank, cash equivalents and trade receivables. The Company deposits its cash and cash equivalent investments with various reputable financial institutions of high credit quality. The Company also entered into reverse repurchase agreements with securities firms or banks in Taiwan covering government bonds that classified as cash equivalents. There should be no major concerns for the performance capability of trading counterparts. Management performs periodic evaluations of the relative credit standing of these financial institutions and limits the amount of credit exposure with any one institution. Management believes that there is a limited concentration of credit risk in cash and cash equivalent investments.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

The majority of the Company's customers are in high technology industries. Management continuously evaluates and controls the credit quality, credit limit and financial strength of its customers to ensure any overdue receivables are taken necessary procedures. The Company also flexibly makes use of prepayments, accounts receivable factoring and credit insurance as credit enhancement instruments. If necessary, the Company will request collaterals or assurance from its customers in order to reduce the credit risk from particular customers.

Additionally, on the reporting date, the Company reviews the recoverability of its receivables to provide appropriate valuation allowances. Consequently, management believes there is a limited concentration of its credit risk.

For the years ended December 31, 2018 and 2019, the Company's five largest customers accounted for 36.6% and 38.7%, respectively, of the Company's consolidated net revenue. There is no other significant concentration of credit risk.

Refer to note 11 for expected credit loss analysis of accounts receivable and the movement in the loss allowance of accounts receivable.

For credit of guarantee, the Company's policy is to provide financial guarantees only to subsidiaries.

#### **(2) Liquidity risk**

Liquidity risk is the risk that the Company will encounter difficulty in meeting the obligations associated with its financial liabilities that are settled by delivering cash or another financial asset due to an economic downturn or unbalanced demand and supply resulting in a significant drop in product prices.

Liquidity risk of the Company is monitored through its corporate treasury department which tracks the development of the actual cash flow position for the Company and uses input from a number of sources in order to forecast the overall liquidity position both on a short and long term basis. Corporate treasury invests surplus cash in money market deposits with appropriate maturities to ensure sufficient liquidity is available to meet liabilities when due, without incurring unacceptable losses or risking damage to the Company's reputation.

The following, except for payables (including related parties) and equipment and construction payable, are the contractual maturities of other financial liabilities. The amounts include estimated interest payments (except for short-term borrowings) but exclude the impact of netting agreements.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

|   | <b>Contractual<br/>cash<br/>flows</b> | <b>2019.1.1~<br/>2019.12.31</b> | <b>2020.1.1~<br/>2021.12.31</b> | <b>2022.1.1~<br/>2023.12.31</b> | <b>2024 and<br/>thereafter</b> |
|---|---------------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|
|   | (in thousands)                        |                                 |                                 |                                 |                                |
| <b>December 31, 2018</b>                              |                                       |                                 |                                 |                                 |                                |
| Non-derivative financial liabilities                  |                                       |                                 |                                 |                                 |                                |
| Short-term borrowings                                 | \$ 546,472                            | 546,472                         | -                               | -                               | -                              |
| Long-term borrowings (including current installments) | 92,485,536                            | 31,854,500                      | 45,935,987                      | 14,395,139                      | 299,910                        |
| Guarantee deposits                                    | 816,512                               | 36,977                          | -                               | -                               | 779,535                        |
| Derivative financial instruments                      |                                       |                                 |                                 |                                 |                                |
| Foreign currency forward contracts— inflows           | (12,453,853)                          | (12,453,853)                    | -                               | -                               | -                              |
| Foreign currency forward contracts— outflows          | <u>12,436,885</u>                     | <u>12,436,885</u>               | <u>-</u>                        | <u>-</u>                        | <u>-</u>                       |
|   | <b>\$ <u>93,831,552</u></b>           | <b><u>32,420,981</u></b>        | <b><u>45,935,987</u></b>        | <b><u>14,395,139</u></b>        | <b><u>1,079,445</u></b>        |
| <br>  |                                       |                                 |                                 |                                 |                                |
|   | <b>Contractual<br/>cash<br/>flows</b> | <b>2020.1.1~<br/>2020.12.31</b> | <b>2021.1.1~<br/>2022.12.31</b> | <b>2023.1.1~<br/>2024.12.31</b> | <b>2025 and<br/>thereafter</b> |
|   | (in thousands)                        |                                 |                                 |                                 |                                |
| <b>December 31, 2019</b>                              |                                       |                                 |                                 |                                 |                                |
| Non-derivative financial liabilities                  |                                       |                                 |                                 |                                 |                                |
| Short-term borrowings                                 | \$ 1,725,602                          | 1,725,602                       | -                               | -                               | -                              |
| Long-term borrowings (including current installments) | 119,185,207                           | 12,149,855                      | 55,120,591                      | 50,630,751                      | 1,284,010                      |
| Guarantee deposits                                    | 785,456                               | 23,510                          | 11,187                          | -                               | 750,759                        |
| Derivative financial instruments                      |                                       |                                 |                                 |                                 |                                |
| Foreign currency forward contracts— inflows           | (8,731,109)                           | (8,731,109)                     | -                               | -                               | -                              |
| Foreign currency forward contracts— outflows          | <u>8,727,770</u>                      | <u>8,727,770</u>                | <u>-</u>                        | <u>-</u>                        | <u>-</u>                       |
|   | <b>\$ <u>121,692,926</u></b>          | <b><u>13,895,628</u></b>        | <b><u>55,131,778</u></b>        | <b><u>50,630,751</u></b>        | <b><u>2,034,769</u></b>        |

The Company is not expecting that the cash flows included in the maturity analysis could occur significantly earlier or at significantly different amounts.

As at December 31, 2019, the Company's total current assets exceeded its total current liabilities by \$52,664,413 thousand. Management believes the Company's existing unused credit facilities under its existing loan agreements, together with net cash flows expected to be generated from its operating activities, will be sufficient for the Company to fulfill its payment obligations over the next twelve months. Therefore, management believes that the Company does not have significant liquidity risk.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### (3) Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates, interest rates and equity prices, which will affect the Company's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable range, while optimizing the return.

The Company buys and sells derivatives, and also incurs financial assets and liabilities, in order to manage market risks. All such transactions are executed in accordance with the Company's handling procedures for conducting derivative transactions, and also monitored by internal audit department.

##### (i) Currency risk

The Company is exposed to currency risk on foreign currency denominated financial assets and liabilities arising from operating, financing and investing activities such that the Company uses forward exchange contracts to hedge its currency risk. Gains and losses derived from the foreign currency fluctuations on underlying assets and liabilities are likely to offset. However, transactions of derivative financial instruments help minimize the impact of foreign currency fluctuations, but the risk cannot be fully eliminated.

The Company periodically examines portions exposed to currency risks for individual asset and liability denominated in foreign currency and uses forward contracts as hedging instruments to hedge positions exposed to risks. The contracts have maturity dates that do not exceed one year, and do not meet the criteria for hedge accounting.

##### A. Exposure of currency risk

The Company's significant exposure to foreign currency risk was as follows:

|                                 | <b>Foreign<br/>currency<br/>amounts</b> | <b>Exchange<br/>rate</b> | <b>NTD</b>     |
|---------------------------------|---|--------------------------|----------------|
|                                 | (in thousands)                          |                          | (in thousands) |
| <b><u>December 31, 2018</u></b> |   |                          |                |
| Financial assets                |   |                          |                |
| Monetary items                  |   |                          |                |
| USD                             | \$ 2,092,501                            | 30.8020                  | 64,453,216     |
| JPY                             | 11,872,572                              | 0.2775                   | 3,294,639      |
| EUR                             | 29,681                                  | 35.2036                  | 1,044,878      |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

|                                 | Foreign<br>currency<br>amounts | Exchange<br>rate | NTD            |
|---------------------------------|--------------------------------|------------------|----------------|
|                                 | (in thousands)                 |                  | (in thousands) |
| Non-monetary items              |                                |                  |                |
| USD                             | 2,799                          | 30.8020          | 86,215         |
| RMB                             | 20,258                         | 4.4813           | 90,782         |
| Financial liabilities           |                                |                  |                |
| Monetary items                  |                                |                  |                |
| USD                             | 1,188,175                      | 30.8020          | 36,598,166     |
| JPY                             | 25,296,499                     | 0.2775           | 7,019,778      |
| EUR                             | 209                            | 35.2036          | 7,358          |
| <b><u>December 31, 2019</u></b> |                                |                  |                |
| Financial assets                |                                |                  |                |
| Monetary items                  |                                |                  |                |
| USD                             | \$ 1,499,405                   | 30.1350          | 45,184,570     |
| JPY                             | 22,122,120                     | 0.2768           | 6,123,403      |
| EUR                             | 46,595                         | 33.7422          | 1,572,218      |
| Non-monetary items              |                                |                  |                |
| USD                             | 1,726                          | 30.1350          | 52,013         |
| RMB                             | -                              | 4.3155           | -              |
| Financial liabilities           |                                |                  |                |
| Monetary items                  |                                |                  |                |
| USD                             | 1,515,582                      | 30.1350          | 45,672,064     |
| JPY                             | 22,187,729                     | 0.2768           | 6,141,563      |
| EUR                             | 239                            | 33.7422          | 8,064          |

#### B. Sensitivity analysis

The Company's exposure to foreign currency risk arises mainly from the translation of the foreign currency exchange gains and losses on cash and cash equivalents, trade receivables, loans and borrowings and trade payables that are denominated in foreign currency.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

Depreciation or appreciation of the NTD by 1% against the USD, EUR and JPY at December 31, 2018 and 2019, while all other variables were remained constant, would have increased or decreased the net profit before tax for the years ended December 31, 2018 and 2019 as follows:

|                    | For the years ended<br>December 31, |          |
|--------------------|-------------------------------------|----------|
|                    | 2018                                | 2019     |
|                    | (in thousands)                      |          |
| 1% of depreciation | \$ 251,674                          | 10,585   |
| 1% of appreciation | (251,674)                           | (10,585) |

#### C. Foreign exchange gain (loss) on monetary items

With varieties of functional currencies within the consolidated entities of the Company, the Company disclosed foreign exchange gain (loss) on monetary items in aggregate. The aggregate of realized and unrealized foreign exchange losses for the years ended December 31, 2017, 2018 and 2019 were \$1,364,929 thousand, \$41,391 thousand and \$168,499 thousand, respectively.

#### (ii) Interest rate risk

The Company's exposure to changes in interest rates is mainly from floating-rate long-term debt obligations. Any change in interest rates will cause the effective interest rates of long-term borrowings to change and thus cause the future cash flows to fluctuate over time. The Company will, depending on the market condition, enter into and designate interest rate swaps as hedges of the variability in cash flows attributable to interest rate risk.

Assuming the amount of floating-rate debts at the end of the reporting period had been outstanding for the entire year and all other variables were remained constant, an increase or a decrease in the interest rate by 0.25% would have resulted in a decrease or an increase in the net profit before tax for the years ended December 31, 2017, 2018 and 2019 by \$277,612 thousand, \$216,955 thousand and \$280,558 thousand, respectively.

#### (iii) Equity price risk

See note 9 and note 10 for disclosure of equity price risk analysis.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 42. Capital Management

Through clear understanding and managing of significant changes in external environment, related industry characteristics, and corporate growth plan, the Company manages its capital structure to ensure it has sufficient financial resources to sustain proper liquidity, to invest in capital expenditures and research and development expenses, to repay debts and to distribute dividends in accordance to its plan. The management pursues the most suitable capital structure by monitoring and maintaining proper financial ratios as below. The Company aims to enhance the returns of its shareholders through achieving an optimized debt-to-equity ratio from time to time.

|   | <b>December 31,</b> |             |
|---|---------------------|-------------|
|   | <b>2018</b>         | <b>2019</b> |
|   | (in thousands)      |             |
| Short-term borrowings                                 | \$ 546,472          | 1,725,602   |
| Long-term borrowings (including current installments) | 86,305,318          | 111,968,392 |
| Total liabilities                                     | 190,765,874         | 207,455,122 |
| Total equity  | 207,785,306         | 178,901,874 |
| Debt-to-equity ratio                                  | 92%                 | 116%        |
| Net debt-to-equity ratio <sup>(1)</sup>               | 9%                  | 19%         |

(1) Net debt-to-equity ratio is defined as short-term borrowings plus long-term borrowings less cash and cash equivalents and divided by total equity.

#### 43. Related-party Transactions

All inter-company transactions and balances between AUO and its subsidiaries are eliminated in the consolidated financial statements. The transactions between the Company and other related parties are set out as follows:

(a) Compensation to key management personnel

Key management personnel's compensation comprised:

|                              | <b>For the years ended December 31,</b> |                       |                       |
|------------------------------|---|-----------------------|-----------------------|
|                              | <b>2017</b>                             | <b>2018</b>           | <b>2019</b>           |
|                              | (in thousands)                          |                       |                       |
| Short-term employee benefits | \$ 566,231                              | 345,019               | 243,203               |
| Post-employment benefits     | <u>2,244</u>                            | <u>2,547</u>          | <u>2,633</u>          |
|                              | <b><u>\$ 568,475</u></b>                | <b><u>347,566</u></b> | <b><u>245,836</u></b> |



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

- (b) Except for otherwise disclosed in other notes to the consolidated financial statements, the Company's significant related party transactions and balances were as follows:

(1) Sales

|                       | Sales                            |                          |                          | Accounts receivable<br>from related parties |                         |
|-----------------------|----------------------------------|--------------------------|--------------------------|---|-------------------------|
|                       | For the years ended December 31, |                          |                          | December 31,                                |                         |
|                       | 2017                             | 2018                     | 2019                     | 2018  | 2019                    |
|                       | (in thousands)                   |                          |                          |   |                         |
| Associates            | \$ 1,216,868                     | 1,898,336                | 1,227,987                | 696,423                                     | 280,009                 |
| Others <sup>(i)</sup> | 11,959,720                       | 12,050,450               | 10,347,963               | 2,057,830                                   | 1,498,490               |
|                       | <b><u>\$ 13,176,588</u></b>      | <b><u>13,948,786</u></b> | <b><u>11,575,950</u></b> | <b><u>2,754,253</u></b>                     | <b><u>1,778,499</u></b> |

The collection terms for sales to related parties were 25 to 55 days from the end of the month during which the invoice is issued. The pricing for sales to related parties were not materially different from those with third parties.

(2) Purchases

|                       | Purchases                        |                          |                          | Accounts payable to<br>related parties |                         |
|-----------------------|----------------------------------|--------------------------|--------------------------|--|-------------------------|
|                       | For the years ended December 31, |                          |                          | December 31,                           |                         |
|                       | 2017                             | 2018                     | 2019                     | 2018                                   | 2019                    |
|                       | (in thousands)                   |                          |                          |  |                         |
| Associates            | \$ 8,667,555                     | 9,185,563                | 8,664,439                | 3,664,742                              | 2,825,292               |
| Joint ventures        | 1,057,106                        | 1,449,636                | 1,027,147                | -                                      | 72,942                  |
| Others <sup>(i)</sup> | 17,549,228                       | 18,589,791               | 17,077,497               | 4,496,444                              | 4,052,594               |
|                       | <b><u>\$ 27,273,889</u></b>      | <b><u>29,224,990</u></b> | <b><u>26,769,083</u></b> | <b><u>8,161,186</u></b>                | <b><u>6,950,828</u></b> |

The payment terms for purchases from related parties were 30 to 120 days. The pricing and payment terms with related parties were not materially different from those with third parties.

(3) Acquisition of property, plant and equipment

|                       | For the years ended December 31, |                      |                      |
|-----------------------|----------------------------------|----------------------|----------------------|
|                       | 2017                             | 2018                 | 2019                 |
|                       | (in thousands)                   |                      |                      |
| Associates            | \$ 1,549                         | 6,527                | 6,555                |
| Others <sup>(i)</sup> | 2,801                            | 4,449                | 17,436               |
|                       | <b><u>\$ 4,350</u></b>           | <b><u>10,976</u></b> | <b><u>23,991</u></b> |

**AU OPTRONICS CORP. AND SUBSIDIARIES**

**Notes to Consolidated Financial Statements**

(4) Disposal of property, plant and equipment and others

|                       | <b>Proceeds from disposal</b>           |                 |                   |
|-----------------------|---|-----------------|-------------------|
|                       | <b>For the years ended December 31,</b> |                 |                   |
|                       | <b>2017</b>                             | <b>2018</b>     | <b>2019</b>       |
|                       | (in thousands)                          |                 |                   |
| Others <sup>(i)</sup> | <b>\$ <u>3,352</u></b>                  | <b><u>-</u></b> | <b><u>835</u></b> |

|                       | <b>Gains on disposal</b>                |                 |                  |
|-----------------------|---|-----------------|------------------|
|                       | <b>For the years ended December 31,</b> |                 |                  |
|                       | <b>2017</b>                             | <b>2018</b>     | <b>2019</b>      |
|                       | (in thousands)                          |                 |                  |
| Others <sup>(i)</sup> | <b>\$ <u>2,212</u></b>                  | <b><u>-</u></b> | <b><u>72</u></b> |

(5) Other related party transactions

|                       | <b>Other receivables due from related parties</b> |                     |
|-----------------------|---|---------------------|
|                       | <b>December 31,</b>                               |                     |
|                       | <b>2018</b>                                       | <b>2019</b>         |
|                       | (in thousands)                                    |                     |
| Associates            | \$ 8,161  | 2,727               |
| Others <sup>(i)</sup> | <u>4,784</u>                                      | <u>1,229</u>        |
|                       | <b>\$ <u>12,945</u></b>                           | <b><u>3,956</u></b> |

|                       | <b>Other payables due to related parties (including payable for equipment)</b> |                      |
|-----------------------|--|----------------------|
|                       | <b>December 31,</b>  |                      |
|                       | <b>2018</b>  | <b>2019</b>          |
|                       | (in thousands)   |                      |
| Associates            | \$ 18,148  | 13,980               |
| Others <sup>(i)</sup> | <u>10,027</u>  | <u>35,991</u>        |
|                       | <b>\$ <u>28,175</u></b>  | <b><u>49,971</u></b> |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

|                       | <b>Rental income</b>                    |                       |                       |
|-----------------------|---|-----------------------|-----------------------|
|                       | <b>For the years ended December 31,</b> |                       |                       |
|                       | <b>2017</b>                             | <b>2018</b>           | <b>2019</b>           |
|                       | (in thousands)                          |                       |                       |
| Associates            | \$ 48,223                               | 55,044                | 52,227                |
| Joint ventures        | 6,611                                   | 6,611                 | 6,611                 |
| Others <sup>(i)</sup> | <u>82,427</u>                           | <u>91,222</u>         | <u>107,587</u>        |
|                       | <b><u>\$ 137,261</u></b>                | <b><u>152,877</u></b> | <b><u>166,425</u></b> |

|                       | <b>Administration and other income</b>  |                      |                      |
|-----------------------|---|----------------------|----------------------|
|                       | <b>For the years ended December 31,</b> |                      |                      |
|                       | <b>2017</b>                             | <b>2018</b>          | <b>2019</b>          |
|                       | (in thousands)                          |                      |                      |
| Associates            | \$ 14,311                               | 18,580               | 17,980               |
| Joint ventures        | -                                       | 1,060                | 223                  |
| Others <sup>(i)</sup> | <u>9,246</u>                            | <u>8,789</u>         | <u>7,996</u>         |
|                       | <b><u>\$ 23,557</u></b>                 | <b><u>28,429</u></b> | <b><u>26,199</u></b> |

|                       | <b>Other expenses</b>                   |                      |                      |
|-----------------------|---|----------------------|----------------------|
|                       | <b>For the years ended December 31,</b> |                      |                      |
|                       | <b>2017</b>                             | <b>2018</b>          | <b>2019</b>          |
|                       | (in thousands)                          |                      |                      |
| Associates            | \$ 28,017                               | 37,155               | 20,157               |
| Joint ventures        | 1,389                                   | 567                  | 36                   |
| Others <sup>(i)</sup> | <u>35,040</u>                           | <u>29,336</u>        | <u>59,287</u>        |
|                       | <b><u>\$ 64,446</u></b>                 | <b><u>67,058</u></b> | <b><u>79,480</u></b> |

- (i) Entities which are substantive related parties of the Company but not been accounted for using the equity method, mainly Qisda Corporation and its subsidiaries.

The Company leased portion of its facilities to related parties. The collection term was 15 days from quarter-end, and the pricing was not materially different from that with third parties.

For the years ended December 31, 2017, 2018 and 2019, the Company had received cash dividends from related parties of \$420,547 thousand, \$668,228 thousand and \$566,865 thousand, respectively.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

#### 44. Pledged Assets

The carrying amounts of the assets which the Company pledged as collateral were as follows:

| Pledged assets                          | Pledged to secure                           | December 31,         |                   |
|---|---|----------------------|-------------------|
|   |   | 2018                 | 2019              |
| (in thousands)                          |   |                      |                   |
| Restricted cash in banks <sup>(i)</sup> | Customs duties and guarantee for warranties | \$ 91,753            | 35,809            |
| Land and building                       | Long-term borrowings                        | 27,696,480           | 28,423,642        |
| Machinery and equipment                 | Long-term borrowings                        | <u>37,317,602</u>    | <u>42,968,184</u> |
|   |   | <u>\$ 65,105,835</u> | <u>71,427,635</u> |

(i) Classified as other current financial assets and other noncurrent assets by its liquidity.

#### 45. Contingent Liabilities and Commitments

The significant commitments and contingencies of the Company as of December 31, 2019, in addition to those disclosed in other notes to the consolidated financial statements, were as follows:

(a) Outstanding letters of credit

As at December 31, 2019, the Company had the following outstanding letters of credit for the purpose of purchasing machinery and equipment and materials:

| Currency | December 31,<br>2019 |
|----------|----------------------|
|          | (in thousands)       |
| USD      | 5,768                |
| JPY      | 1,951,409            |

(b) Technology licensing agreements

Starting in 1998, AUO has entered into technical collaboration, patent licensing, and/or patent cross licensing agreements with Fujitsu Display Technologies Corp. (subsequently assumed by Fujitsu Limited), Toppan Printing Co., Ltd. ("Toppan Printing"), Semiconductor Energy Laboratory Co., Ltd., Japan Display Inc. (formerly Japan Display East Inc./Hitachi Displays, Ltd.), Panasonic Liquid Crystal Display Co., Ltd. (formerly IPS Alpha Technology, Ltd.), LG Display Co., Ltd., Sharp Corporation, Samsung Electronics Co., Ltd., Hydis Technologies Co., Ltd., Sanyo Electric Co., Ltd., Seiko Epson Corporation and others. AUO believes that it is in compliance with the terms and conditions of the aforementioned agreements.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(c) Purchase commitments

Starting from 2006, DPTW has entered into a long-term materials supply agreement with Evonik Forhouse Optical Polymers Corp. (“EFOP”), a joint venture of the Company. Under the agreement, DPTW and EFOP agreed on the supply of certain optical-grade molding compounds at agreed prices and quantities.

As at December 31, 2019, significant outstanding purchase commitments for construction in progress, property, plant and equipment totaled \$7,639,758 thousand.

(d) Litigation

(1) Antitrust civil actions lawsuits in the United States and other jurisdictions

A lawsuit was filed by certain consumers in Israel against certain LCD manufacturers including AUO in the District Court of the Central District in Israel (“Israeli Court”). The defendants contested various issues including whether the lawsuit was properly served. In December 2016, the Israeli Court overturned the original decision and revoked the permission for this case to serve out of Israeli jurisdiction. The plaintiffs lodged an appeal to the Israeli Supreme Court but the Israeli Supreme Court overruled the appeal in August 2017. In January 2018, the parties reached a settlement agreement and agreed to commence the required proceedings for withdrawing the lawsuit. In April 2019, the Central District Court of Israel in Lod approved the settlement. AUO has complied with all the court ordered directives to finalize the settlement, so the settlement is now completed. In May 2014, LG Electronics Nanjing Display Co., Ltd. and seven of its affiliates filed a lawsuit in Seoul Central District Court against certain LCD manufacturers including AUO, alleging overcharge and claiming damages. AUO does not believe service has been properly made, but in order to protect its rights, AUO has retained counsel to handle the related matter, and at this stage, the final outcome of these matters is uncertain. AUO has been reviewing the merits of this lawsuit on an on-going basis.

In September 2018, AUUS received a complaint filed by the Government of Puerto Rico on its own behalf and on behalf of all consumers and governmental agencies of Puerto Rico against certain LCD manufacturers including AUO and AUUS in the Superior Court of San Juan, Court of First Instance alleging unjust enrichment and claiming unspecified monetary damages. AUO has retained counsel to handle the related matter and intends to defend this lawsuit vigorously, and at this stage, the final outcome of these matters is uncertain. AUO is reviewing the merits of this lawsuit on an on-going basis.

## **AU OPTRONICS CORP. AND SUBSIDIARIES**

### **Notes to Consolidated Financial Statements**

#### (2) Alleged patent infringements

In July 2018, Vista Peak Ventures, LLC (“VPV”) filed three lawsuits in the United States District Court for the Eastern District of Texas against AUO, claiming infringement of certain of VPV’s patents in the United States relating to the manufacturing of TFT-LCD panels. In the complaints, VPV seeks, among other things, unspecified monetary damages for past damages and an injunction against future infringement. On September 27, 2019, the relevant parties reached a settlement agreement, and all pending lawsuits that have been filed by VPV against AUO were dismissed on October 10, 2019.

In addition to the matters described above, the Company is also a party to other litigations or proceedings that arise during the ordinary course of business. Except as mentioned above, the Company, to its knowledge, is not involved as a defendant in any material litigation or proceeding which could be expected to have a material adverse effect on the Company’s business or results of operations.

The Company has made certain provisions with respect to certain of the above lawsuits as the management deems appropriate, considering factors such as the nature of the litigation or claims, the materiality of the amount of possible loss, the progress of the cases and the opinions or views of legal counsel and other advisors. However, for certain cases described above where the legal proceedings and/or lawsuits are in their early stage or where management does not have sufficient information for assessment of the financial exposure, management is unable to determine if the final outcome of the cases will be unfavorable to the Company and/or to estimate the potential losses. The ultimate resolution of the legal proceedings and/or lawsuits cannot be predicted with certainty. While management intends to defend certain of the lawsuits described above vigorously, there is a possibility that one or more legal proceedings or lawsuits may result in an unfavorable outcome to the Company.

Management will reassess all litigation and claims at each reporting date based on the facts and circumstances that exist at that time, and will make additional provisions or adjustments to previous provisions, as considered necessary under IFRS. Such additional provisions or adjustments may have a material adverse effect on the Company’s business, results of operations and future prospects. See note 25 for further information about legal provisions and the movements in those legal provisions.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(e) Others

There have been environmental proceedings relating to the development project of the Central Taiwan Science Park in Houli, Taichung, which AUO's second 8.5-generation fab is located at and which has been established since 2010. The proceedings were initiated by six residents in Houli District, Taichung City (the "Plaintiffs") to object the administrative dispositions of the environmental assessment and development approval issued in 2010 by the Environmental Protection Administration ("EPA") of the Executive Yuan of Taiwan to the third phase development area in the Central Taiwan Science Park (the "Project"). On August 8, 2014, the Plaintiffs reached a settlement with the defendants (i.e. the governmental authorities, including the EPA of the Executive Yuan of Taiwan, the Ministry of Science and Technology (former National Science Council of the ROC Executive Yuan) and the Central Taiwan Science Park Development Office) in the Taipei High Administrative Court. The second phase environmental impact assessment for the Project continues to proceed. On December 14, 2017, the EPA of the Executive Yuan of Taiwan held the third review meeting of the investigation group. The review meeting reached the conclusion of suggesting approval for the Project. On November 6, 2018, the EPA approved the Project, but on December 6, 2018, five residents in Houli District, Taichung City filed administrative appeal to the Appeals Review Committee of the Executive Yuan requesting a withdrawal of the approval. The appeal was rejected by the Appeal Review Committee on October 24, 2019 and the residents have proceeded to file an administrative action for invalidating the environmental assessment again, this time against the EPA. Currently management does not believe that this event will have a material adverse effect on the Company's operation and will continue to monitor the development of this event.

#### 46. Segment, Geographic and Revenue Information

(a) Operating segment information

The Company has two operating segments: display and energy. The display segment generally is engaged in the research, development, design, manufacturing and sale of flat panel displays and most of our products are TFT-LCD panels. The energy segment primarily is engaged in the design, manufacturing and sale of ingots, solar wafers and solar modules, as well as providing technical engineering services and maintenance services for solar system projects.

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

The Company's operating segment information for the years ended December 31, 2017, 2018 and 2019 was as follows:

|   | <b>For the year ended December 31, 2017</b> |                           |                             |
|---|---|---------------------------|-----------------------------|
|   | <b>Display<br/>segment</b>                  | <b>Energy<br/>segment</b> | <b>Total<br/>segments</b>   |
|   | (in thousands)                              |                           |                             |
| Net revenue from external customers           | <b>\$ <u>322,335,330</u></b>                | <b><u>18,692,937</u></b>  | <b><u>341,028,267</u></b>   |
| Depreciation and amortization                 | <b>\$ <u>34,816,463</u></b>                 | <b><u>1,613,373</u></b>   | <b><u>36,429,836</u></b>    |
| Inventory write-down                          | <b>\$ <u>3,423,097</u></b>                  | <b><u>333,629</u></b>     | <b><u>3,756,726</u></b>     |
| Segment profit (loss) <sup>(i)</sup>          | <b>\$ <u>39,971,375</u></b>                 | <b><u>(832,251)</u></b>   | 39,139,124                  |
| Other income                                  |   |                           | 3,829,897                   |
| Other gains and losses                        |   |                           | (976,560)                   |
| Finance costs                                 |   |                           | (2,867,861)                 |
| Share of profit of equity-accounted investees |   |                           | <u>239,006</u>              |
| Consolidated profit before income tax         |   |                           | <b>\$ <u>39,363,606</u></b> |
|   |   |                           |                             |
|   | <b>For the year ended December 31, 2018</b> |                           |                             |
|   | <b>Display<br/>segment</b>                  | <b>Energy<br/>segment</b> | <b>Total<br/>segments</b>   |
|   | (in thousands)                              |                           |                             |
| Net revenue from external customers           | <b>\$ <u>290,784,754</u></b>                | <b><u>16,849,635</u></b>  | <b><u>307,634,389</u></b>   |
| Depreciation and amortization                 | <b>\$ <u>32,981,240</u></b>                 | <b><u>1,246,290</u></b>   | <b><u>34,227,530</u></b>    |
| Inventory write-down                          | <b>\$ <u>5,094,195</u></b>                  | <b><u>77,557</u></b>      | <b><u>5,171,752</u></b>     |
| Segment profit (loss) <sup>(i)</sup>          | <b>\$ <u>7,792,505</u></b>                  | <b><u>(1,124,640)</u></b> | 6,667,865                   |
| Other income                                  |   |                           | 5,412,125                   |
| Other gains and losses                        |   |                           | 1,488,052                   |
| Finance costs                                 |   |                           | (2,663,605)                 |
| Share of profit of equity-accounted investees |   |                           | <u>311,714</u>              |
| Consolidated profit before income tax         |   |                           | <b>\$ <u>11,216,151</u></b> |



## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

|   | <b>For the year ended December 31, 2019</b> |                           |                               |
|---|---|---------------------------|-------------------------------|
|   | <b>Display<br/>segment</b>                  | <b>Energy<br/>segment</b> | <b>Total<br/>segments</b>     |
|   | (in thousands)                              |                           |                               |
| Net revenue from external customers           | <b>\$ <u>256,667,222</u></b>                | <b><u>12,124,472</u></b>  | <b><u>268,791,694</u></b>     |
| Depreciation and amortization                 | <b>\$ <u>35,237,582</u></b>                 | <b><u>1,020,137</u></b>   | <b><u>36,257,719</u></b>      |
| Inventory write-down                          | <b>\$ <u>5,109,473</u></b>                  | <b><u>76,031</u></b>      | <b><u>5,185,504</u></b>       |
| Segment profit (loss) <sup>(i)</sup>          | <b>\$ <u>(19,484,401)</u></b>               | <b><u>(983,547)</u></b>   | (20,467,948)                  |
| Other income                                  |   |                           | 5,320,271                     |
| Other gains and losses                        |   |                           | (1,595,614)                   |
| Finance costs                                 |   |                           | (3,251,370)                   |
| Share of profit of equity-accounted investees |   |                           | 149,907                       |
| Consolidated loss before income tax           |   |                           | <b>\$ <u>(19,844,754)</u></b> |

(i) There were no intersegment revenues or other transactions between operating segments for the years ended December 31, 2017, 2018 and 2019.

(b) Geographic information

The geographic breakdown for the years ended December 31, 2017, 2018 and 2019 was as follows:

(1) Net revenue from external customers

| <u>Region</u> | <b>For the years ended December 31,</b> |                           |                           |
|---------------|---|---------------------------|---------------------------|
|               | <b>2017</b>                             | <b>2018</b>               | <b>2019</b>               |
|               | (in thousands)                          |                           |                           |
| PRC           | \$ 125,341,648                          | 113,632,037               | 98,362,235                |
| Taiwan        | 108,288,387                             | 99,357,882                | 83,229,594                |
| Singapore     | 35,939,290                              | 39,370,930                | 38,534,291                |
| Japan         | 32,739,262                              | 21,166,864                | 20,924,003                |
| Others        | <u>38,719,680</u>                       | <u>34,106,676</u>         | <u>27,741,571</u>         |
|               | <b>\$ <u>341,028,267</u></b>            | <b><u>307,634,389</u></b> | <b><u>268,791,694</u></b> |

## AU OPTRONICS CORP. AND SUBSIDIARIES

### Notes to Consolidated Financial Statements

(2) Consolidated noncurrent assets<sup>(ii)</sup>

| <u>Region</u> | <b>December 31,</b>   |                    |
|---------------|-----------------------|--------------------|
|               | <b>2018</b>           | <b>2019</b>        |
|               | (in thousands)        |                    |
| Taiwan        | \$ 161,358,754        | 163,237,676        |
| PRC           | 61,284,667            | 54,890,846         |
| Others        | 6,941,674             | 6,301,996          |
|               | <b>\$ 229,585,095</b> | <b>224,430,518</b> |

(ii) Noncurrent assets are not inclusive of financial instruments, deferred tax assets, and prepaid pension.

(c) Major customer information

For the years ended December 31, 2017, 2018 and 2019, sales to individual customers representing greater than 10% of consolidated net revenue were as follows:

|            | <b>For the years ended December 31,</b> |           |                   |           |                   |           |
|------------|---|-----------|-------------------|-----------|-------------------|-----------|
|            | <b>2017</b>                             | <b>%</b>  | <b>2018</b>       | <b>%</b>  | <b>2019</b>       | <b>%</b>  |
|            | (in thousands)                          |           |                   |           |                   |           |
| Customer A | <b>\$ 43,645,518</b>                    | <b>13</b> | <b>35,358,013</b> | <b>11</b> | <b>33,142,985</b> | <b>12</b> |

(d) Product information

The consolidated net revenue by principal products was as follows:

|   | <b>For the years ended December 31,</b> |                    |                    |
|---|---|--------------------|--------------------|
|   | <b>2017</b>                             | <b>2018</b>        | <b>2019</b>        |
|   | (in thousands)                          |                    |                    |
| Products for Televisions                            | \$ 152,442,198                          | 113,194,567        | 87,269,763         |
| Products for Mobile PCs and Devices                 | 71,068,304                              | 74,375,305         | 69,305,510         |
| Products for Monitors                               | 45,696,144                              | 47,024,353         | 39,522,268         |
| Products for Commercial and Others <sup>(iii)</sup> | 53,128,684                              | 56,190,529         | 60,569,681         |
| Solar Products                                      | 18,692,937                              | 16,849,635         | 12,124,472         |
| Total   | <b>\$ 341,028,267</b>                   | <b>307,634,389</b> | <b>268,791,694</b> |

(iii) Others include sales from products for other applications and sales of raw materials, components and from service charges.

#### 47. Subsequent Events

On February 5, 2020, AUO's Board of Directors resolved to acquire common shares of ADLINK Technology Inc. through tender offer. The tender offer consideration for each common share is NT\$57 in cash. On March 12, 2020, we successfully completed the tender offer to acquire a total of 42,310 thousand common shares from ADLINK Technology Inc., which approximately accounts for 19.45% equity interest in ADLINK Technology Inc.



**THIS IS A TRANSLATION OF THE ARTICLES OF INCORPORATION OF AU  
OPTRONICS CORP. THE TRANSLATION IS FOR REFERENCE ONLY. IF THERE  
IS ANY DISCREPANCY BETWEEN THE ENGLISH VERSION AND CHINESE  
VERSION, THE CHINESE VERSION SHALL PREVAIL.**

# Articles of Incorporation

## Chapter 1: General Provisions

### Article 1

The Company is incorporated, registered and organized as a company limited by shares and permanently existing in accordance with the Company Law of the Republic of China (the "Company Law") and the Company's English name is AU Optronics Corp.

### Article 2

The scope of business of the Company shall be as follows:

1. CC01080 Electronic parts and components manufacturing business
2. F119010 Electronic material wholesale business (for operations outside the Science Park only)
3. CC01030 Electronic appliances and AV electronics products manufacturing business
4. CC01010 Electric Power Supply, Electric Transmission and Power Distribution Machinery Manufacturing
5. CC01090 Batteries Manufacturing
6. IG03010 Energy Technical Services
7. CA02990 Other Fabricated Metal Products Manufacturing
8. C801990 Other Chemical Materials Manufacturing

To research, develop, produce, manufacture and sell the following products:

- (1) Plasma display and related systems
- (2) Liquid crystal display and related systems
- (3) Organic light emitting diodes and related systems
- (4) Amorphous silicon photo sensor device parts and components
- (5) Thin film photo diode sensor device parts and components
- (6) Thin film transistor photo sensor device parts and components
- (7) Touch imaging sensors
- (8) Full color active matrix flat panel displays
- (9) Field emission displays
- (10) Single crystal liquid crystal displays
- (11) Original equipment manufacturing for amorphous silicon thin film transistor process and flat panel display modules
- (12) Original design manufacturing and original equipment manufacturing business for flat panel display modules
- (13) Solar Cell, modules, and related system and service.
- (14) New green energy related system and service (for operations outside the Science Park only)
- (15) Color Filters
- (16) The simultaneous operation of a trade business relating to the Company's business
- (17) The simultaneous operation of metals, Refuse Derived Fuel and chemical products from the Company's manufacturing recycle processes

The operation of the businesses listed above shall be conducted in accordance with the relevant laws and regulations.

### Article 3

The head office of the Company shall be in the Science-Based Industrial Park, Hsinchu, Taiwan, the Republic of China ("R.O.C.") or such other appropriate place as may be decided by the board of directors (the "Board"). Subject to the approval of the Board and other relevant authorities, the Company may, if necessary, set up branches, factories, branch operation offices or branch business offices both inside and outside of the R.O.C.

### Article 4

The total amount of the Company's investment is not subject to the restriction of Article 13 of the Company Law. The Company may provide guarantees or endorsements on behalf of third parties due to business or investment relationships with such third parties.

## **Chapter 2: Shares**

### Article 5

The total capital of the Company is One Hundred and Twenty Billion New Taiwan Dollars (NT\$120,000,000,000), divided into Twelve Billion (12,000,000,000) shares with a par value of Ten New Taiwan Dollars (NT\$10) each and in registered form. The Board of Directors is authorized to issue the un-issued shares in installments.

A total of 100,000,000 shares among the above total capital should be reserved for issuance of new shares for performing obligation under the employee stock options, which may be issued in installments.

### Article 6

The share certificates of the Company shall be all in registered form. The share certificates, after due registration with the competent authority, shall be signed or sealed by at least three directors and shall be legally authenticated prior to issue.

The Company may, pursuant to the applicable laws and regulations, deliver shares or other securities in book-entry form, instead of delivering physical certificates evidencing shares or other securities.

### Article 7

Unless otherwise provided by applicable law and regulations, the shareholders services shall be handled in accordance with the Regulations Governing the Administration of Shareholder Services of Public Companies.

## **Chapter 3: Shareholders' Meetings**

### Article 8

Shareholders' meetings shall be of two types, ordinary meetings and extraordinary meetings. Ordinary meetings shall be convened annually by the Board within six months of the end of each fiscal year. Extraordinary meetings shall be convened in accordance with the relevant laws, whenever necessary.

## Article 9

Unless otherwise provided in applicable law and regulations, a resolution shall be adopted at a meeting attended by the shareholders holding and representing a majority of the total issued and outstanding shares and at which meeting a majority of the attending shareholders shall vote in favor of the resolution. In case a shareholder is unable to attend a shareholders' meeting, such shareholder may issue a proxy in the form issued by the Company, setting forth the scope of authorization by signing and affixing such shareholder's seal on the proxy form for the representative to be present on such shareholder's behalf. Except for trust enterprises or other stock transfer agencies approved by the securities authorities, if a person is designated as proxy by more than two shareholders, any of such person's voting rights representing in excess of 3% of the total issued and outstanding shares shall not be considered. The relevant matters related to the use and rescission of the proxy shall be conducted in accordance with the Company Law and applicable rules.

## **Chapter 4: Board of Directors and Audit Committee**

### Article 10

The Company shall have seven to eleven directors. Directors shall be elected from a slate of director candidates, which are nominated under the Candidate Nomination System, at shareholders' meetings. Within the entire Board, the Company shall have at least three independent directors on the Board. The professional qualifications, restrictions on the shareholdings and concurrent positions held, method of nomination and election, and other matters with respect to independent directors shall be in compliance with applicable laws and regulations. The term of office for all directors shall be three (3) years. The directors are eligible for re-election. The number of the directors shall be decided by the board of directors.

The Board is authorized to determine the compensation for the directors, taking into account the extent and value of the services provided for the Company's operation and with reference to the standards of local and overseas industry.

The Company may take out liability insurance for the directors with respect to the liabilities resulting from exercising their duties during their terms of office.

### Article 10-1

Pursuant to Article 14-4 of the Securities and Exchange Law, the Company shall have the audit committee which shall be composed of all independent directors.

### Article 11

The Company shall have a chairman of the Board. The chairman of the Board shall be elected by and among the directors by a majority of directors present at a meeting attended by more than two thirds of directors. As necessary, a vice chairman may be elected by and among the directors in the same manner. The chairman of the Board shall preside internally at the meetings of the Board and shall externally represent the Company. In case the chairman of the Board asks for leave or for other reason cannot exercise his power and authority, the vice chairman shall act on his behalf. In case there is no vice chairman or the vice chairman is also on leave or cannot exercise his power and authority for any reason, the chairman of the Board may designate one of the directors to act on his behalf. In the absence of such a designation, the directors shall elect a designee from among themselves.

## Article 12

Where a director is unable to attend a meeting of the Board, he may appoint another director to represent him by proxy in accordance with Article 205 of the Company Law. Each director may act as a proxy for one other director only.

The meeting of the Board of Directors shall be convened in accordance with the Company Law. In calling a meeting of the Board of Directors, a notice may be given to each director by means of electronic mail or facsimile.

## **Chapter 5: President & Vice Presidents**

### Article 13

The Company shall have one or more managerial personnel. Appointment, dismissal, and remuneration of the president and vice presidents shall be subject to the provisions of the Company Law.

## **Chapter 6: Accounting**

### Article 14

After the end of each fiscal year, the Board shall prepare and submit the following documents: (1) business report, (2) financial statements, (3) proposal for allocation of earnings or recovery of loss to the shareholders in accordance with applicable laws at the ordinary meeting of shareholders for their acceptance.

### Article 15

Where the Company has a profit before tax for each fiscal year, the Company shall first reserve certain amount of the profit to recover losses for preceding years, and then set aside no less than 5% of the remaining profit for distribution to employees as remuneration and no more than 1% of the remaining profit for distribution to directors as remuneration.

### Article 15-1

Where the Company has a profit at the end of each fiscal year, the Company shall first allocate the profit to pay taxes and cover accumulated losses, and then 10% of the remaining net earnings shall be allocated as the Company's legal reserve unless and until the accumulated legal reserve reaches the paid in capital. Certain amount shall be further allocated as special reserve or the special reserve shall be reversed in accordance with applicable laws and regulations or as requested by the competent authority. The balance (if any) together with accumulated unappropriated retained earnings can be distributed after the distribution plan proposed and approved. Dividend distribution in the form of shares (in whole or in part) shall be approved by the shareholders' meeting. Dividend distribution in the form of cash shall be approved by the Board and a report of such distribution shall be submitted to the shareholders' meeting.

The Company's dividend policy is to pay dividends from surplus considering factors such as the Company's current and future investment environment, cash requirements, domestic and overseas competitive conditions and capital budget requirements, and taking into account the shareholders' interest, maintenance of a balanced dividend and the Company's long term financial plan. If the retained earnings available for distribution of the current year reaches 2% of the paid in capital of the Company, no less than 20% of the retained earnings available for distribution of the current year shall be distributed as dividend. If the retained earnings available for distribution of the current year does not reach 2% of the paid in capital of the Company, the Company may distribute no dividend. The cash portion of the dividend shall not be less than 10% of the total dividend in the form of cash and stock.

The dividend distribution ratio in the preceding paragraph could be adjusted taking into consideration finance, business and operations, etc.

#### Article 15-2

Where the Company incurs no loss, the Company may distribute the portion of legal reserve which exceeds 25% of the Company's paid-in capital and the capital reserves permitted for distribution under the Company Act, in whole or in part, in the form of cash, to the shareholders in proportion to their shareholdings by the resolution adopted by the Board and a report of such distribution shall be submitted to the shareholders' meeting.

#### Article 15-3

The employees who are entitled to employees remunerations in the form of shares or cash, employee stock option, restricted employee stock, the bought back shares to be transferred by the Company and the new shares reserved for employees subscription in the Company's share offering include employees of subsidiaries of the Company meeting certain specific qualifications and the Board or the person duly designated by the Board is authorized to decide such qualifications and allocation.

### **Chapter 7: Supplementary Articles**

#### Article 16

With respect to the matters not provided herein, the Company Law and other applicable laws and regulations shall govern.

#### Article 17

These Articles of Incorporation were enacted by the incorporators in the incorporators meeting held on July 18, 1996 and were effectively approved by the competent authority.

The first amendment was made on September 18, 1996.  
The second amendment was made on September 15, 1997.  
The third amendment was made on April 23, 1998.  
The fourth amendment was made on April 23, 1999.  
The fifth amendment was made on March 9, 2000.  
The sixth amendment was made on May 10, 2001.  
The seventh amendment was made on May 10, 2001.  
The eighth amendment was made on October 17, 2001.  
The ninth amendment was made on May 21, 2002.  
The tenth amendment was made on May 29, 2003.  
The eleventh amendment was made on April 29, 2004.  
The twelfth amendment was made on June 14, 2005.  
The thirteenth amendment was made on June 15, 2006.  
The fourteenth amendment was made on June 13, 2007.  
The fifteenth amendment was made on June 19, 2009.  
The sixteenth amendment was made on June 10, 2011.  
The seventeenth amendment was made on June 13, 2012.  
The eighteenth amendment was made on June 19, 2013.  
The nineteenth amendment was made on June 16, 2016.  
The twentieth amendment was made on June 15, 2017.  
The twenty-first amendment was made on June 14, 2019.



## DESCRIPTION OF THE COMMON STOCK AND RELATED MATTERS

Except as otherwise stated, set forth below is information relating to AU Optronics Corp. (“AUO”)’s common stock, including brief summaries of the relevant provisions of AUO’s articles of incorporation the ROC Securities and Exchange Law, the regulations promulgated under the ROC Securities and Exchange Law and the ROC Company Law relating to AUO’s common shares. Capitalized terms used but not defined herein have the meanings given to them in AUO’s annual report on Form 20-F for the fiscal year ended December 31, 2019.

### General

AUO’s authorized share capital is NT\$120 billion, divided into 12 billion common shares, and 100,000,000 common shares are reserved for issuance of common shares upon exercise of employee stock options. As of December 31, 2019, 9,499,245,115 common shares were issued and outstanding.

All common shares presently issued, including those underlying AUO’s existing ADSs, are fully paid and in registered form, and existing shareholders are not obligated to contribute additional capital.

### New Common Shares and Preemptive Rights

The issuance of new common shares requires the prior approval of AUO’s board of directors. If the issuance of any new common shares will result in any change in AUO’s authorized share capital, AUO is required under ROC law to amend the Articles of Incorporation, which requires approval of AUO’s shareholders in a shareholders’ meeting. AUO must also obtain the approval of, or submit a report to, the ROC Financial Supervisory Commission (“FSC”) and the Hsinchu Science Park Administration Bureau, as applicable. Generally, when a company issues capital stock for cash, 10% to 15% of the issue must be offered to its employees. In addition, if a public company intends to offer new shares for cash, at least 10% of the issue must also be offered to the public. This percentage can be increased by a resolution passed at a shareholders’ meeting, which will reduce the number of new shares in which existing shareholders may have preemptive rights. Unless the percentage of the shares offered to the public is increased by a resolution, existing shareholders of the company have a preemptive right to acquire the remaining 75% to 80% of the issue in proportion to their existing shareholdings. Nevertheless, the preemptive rights provisions will not apply to offerings of new shares through private placements approved at a shareholders’ meeting.

### Register of Shareholders and Record Date

With respect to shareholders who have opened Taiwan Depository & Clearing Corporation (“TDCC”) book-entry accounts, AUO’s register of such shareholders is maintained by the database of TDCC. With respect to shareholders who have not opened TDCC book-entry accounts, AUO’s register of such shareholders is maintained by the share registrar, Taishin International Bank, Stock Affairs Department. The ROC Company Act permits AUO, by giving advance public notice, to set a record date and close the register of shareholders for a specified period in order to determine the shareholders or pledgees that are entitled to certain rights pertaining to its common shares. Under the ROC Company Act, AUO’s register of shareholders should be closed for a period of sixty days before each general meeting of shareholders, thirty days before each extraordinary meeting of shareholders and five days before each record date.

### Transfer of Common Shares

Under the ROC Company Act, shares are transferred by endorsement and delivery of the related share certificates. However, settlement of trading of shares of a listed company, such as AUO, generally is carried out on the book-entry system maintained by TDCC. In addition, transferees must have their names and addresses registered on AUO’s register in order to assert shareholders’ rights against us. Notwithstanding the foregoing, shareholders are required to file their specimen seals with AUO’s share registrar.

## Shareholders' Meetings

AUO is required to hold an annual general shareholders' meeting once every calendar year, generally within six months after the end of each fiscal year. Any shareholder who holds 1% or more of its issued common shares may submit one proposal for discussion at AUO's annual general shareholders meeting. AUO's directors may convene an extraordinary shareholders' meeting whenever they think fit, and they must do so if requested in writing by shareholders holding not less than 3% of the issued common shares who have held their shares for more than a year, or shareholders continuously holding 50% or more of the total number of issued shares of a company for a period of three months or a longer time may convene a special shareholders' meeting. In addition, any member of the audit committee may convene a shareholders' meeting under certain circumstances. For a public company in Taiwan, such as AUO, at least 15 days' advance written notice must be given of every extraordinary shareholders' meeting and at least 30 days' advance written notice must be given of every annual general shareholders' meeting. Unless otherwise required by law or by the Articles of Incorporation, voting for an ordinary resolution requires an affirmative vote of a simple majority of those present and voting. A special resolution may be adopted in a meeting of shareholders convened with a quorum of holders of at least two-thirds of AUO's total outstanding common shares at which the holders of at least a majority of AUO's common shares represented at the meeting vote in favor thereof. A special resolution is necessary for various matters under ROC law, including:

- any amendment to AUO's articles of incorporation;
- AUO's dissolution or amalgamation;
- a merger or spin-off;
- transfers of the whole or a substantial part of AUO's business or properties;
- the acquisition of the entire business or properties of another company which would have a significant impact on AUO's operations;
- execution, modification or termination of any contracts regarding leasing of all business or joint operations or mandate of AUO's business to other persons;
- the distribution of any stock dividend;
- the removal of directors;
- application for the approval of ceasing status as a public company;
- following capital reserves distributed in the form of new shares;
  1. the income derived from the issuance of new shares at a premium;
  2. the income from endowments received by the company;
- legal reserve which exceeds 25% of the Company's paid-in capital distributed in the form of new shares; or
- clearing conflicts of interest for Company directors.

However, in the case of a public company such as AUO, a special resolution may be adopted by holders of at least two-thirds of the common shares represented at a meeting of shareholders at which holders of at least a majority of the total outstanding common shares are present.

## **Voting Rights**

According to the ROC Company Act, a holder of AUO's common shares has one vote for each share held at shareholders' meetings. However, (i) treasury shares or (ii) AUO's common shares held by an entity in which AUO owns more than 50% of the voting shares or paid-in capital (a "**Controlled Entity**") or by a third entity in which AUO and a Controlled Entity jointly own, directly or indirectly, more than 50% of the voting shares or paid-in capital cannot be voted. There is cumulative voting for the election of directors. In all other matters, shareholders must cast all their votes the same way on any resolution provided that shareholders holding common shares on behalf of others are permitted to split votes when exercising voting rights. Voting rights attached to AUO's common shares may be exercised by personal attendance or proxy through written or electronic ballot.

If any shareholder is represented at a general or extraordinary shareholders' meeting by proxy, a valid proxy form must be delivered to AUO five days before the commencement of the general or extraordinary shareholders' meeting. Voting rights attached to AUO's common shares that are exercised by AUO's shareholders' proxy are subject to ROC proxy regulations. Any shareholder who has a personal interest in a matter to be discussed at the AUO shareholders' meeting, the outcome of which may impair AUO's interests, is not permitted to vote or exercise voting rights nor vote or exercise voting rights on behalf of another shareholder on such matter.

Except for trust enterprises or share transfer agents approved by the FSC, where one person is appointed as proxy by two or more shareholders who together hold more than 3% of AUO's common shares, the votes of those shareholders in excess of 3% of AUO's total issued common shares will not be counted.

You will not be able to exercise voting rights on the shares underlying your ADSs on an individual basis. For additional information, see "Item 3. Key Information—3.D. Risk Factors—Risk Related to our ADSs and Our Trading Market—ADS holders will not have the same rights as our shareholders, which may affect the value of the ADSs."

## **Dividends and Distributions**

AUO may distribute dividends in any year in which it has accumulated earnings. Dividends may be distributed either in cash, in the form of common shares or a combination of cash and common shares. AUO's Articles of Incorporation provide that the cash portion of any dividend shall not be less than 10% of the annual dividend. Dividends are paid proportionately to shareholders as listed on the register of shareholders on the relevant record date.

AUO's Articles of Incorporation provide that where AUO has a profit before tax for each fiscal year, it shall first recover the loss for the preceding years, if any, and then distribute no less than 5% of the remaining profit for distribution to employees as remuneration and no more than 1% of the remaining profit for distribution to directors as remuneration, and then pay taxes, and then 10% of the remaining net earnings shall be allocated as the legal reserve unless and until the accumulated legal reserve reaches the paid-in capital; and a certain amount shall be further allocated as special reserve or the special reserve shall be reserved in accordance with applicable laws and regulations or as requested by the competent authority. The balance (if any) together with accumulated and unappropriated retained earnings can be distributed after the distribution plan proposed and approved. Dividend distribution in the form of shares (in whole or in part) shall be approved by the shareholders' meeting. Dividend distribution in the form of cash shall be approved by the Board and a report of such distribution shall be submitted to the shareholders' meeting.

In addition, where the Company incurs no loss, the Company may distribute the portion of legal reserve which exceeds 25% of AUO's paid-in capital and the capital reserves permitted for distribution under the Company Act, in whole or in part, in the form of cash, to the shareholders in proportion to their shareholdings by the resolution adopted by the Board and a report of such distribution shall be submitted to the shareholders' meeting.

For information on the dividends paid by us in recent years, see "Item 8. Financial Information—8.A.8. Dividends and Dividend Policy." For information as to ROC taxes on dividends and distributions, see "Item 10. Additional Information—10.E. Taxation—ROC Tax Considerations—Dividends."

## **Acquisition of Common Shares by AUO**

With limited exceptions under the ROC Company Act, AUO is not permitted to acquire its common shares.

In addition, pursuant to the Securities and Exchange Law, AUO may, by a board resolution adopted by majority consent at a meeting with two-thirds of its directors present, purchase its common shares on the Taiwan Stock Exchange or by a tender offer, in accordance with the procedures prescribed by the FSC, for the following purposes:

- to transfer common shares to its employees;
- to facilitate conversion arising from bonds with warrants, preferred shares with warrants, convertible bonds, convertible preferred shares or certificates of warrants (collectively, the “Convertible Securities”) issued by AUO into common shares; and
- if necessary, to maintain its credit and its shareholders’ equity; provided that the common shares so purchased shall be cancelled thereafter.

AUO’s common shares purchased pursuant to the first and the second items above shall be transferred to its employees or holders of Convertible Securities, as the case maybe, within five years after the date of such purchase. AUO’s common shares purchased pursuant to Item 3 above shall be cancelled within six months after the date of such purchase.

AUO is not allowed to purchase more than 10% of AUO’s total issued common shares. In addition, AUO may not spend more than the aggregate amount of AUO’s retained earnings, the premium from issuing stock and the realized portion of the capital surplus to purchase its common shares.

AUO may not pledge or hypothecate any purchased common shares. In addition, AUO may not exercise any shareholders’ rights attaching to such common shares. In the event that AUO purchases its common shares on the Taiwan Stock Exchange, its affiliates, directors, officers and their respective spouses and minor children and/or nominees are prohibited from selling any of AUO’s common shares during the period in which AUO purchases its common shares.

According to the ROC Company Act, an entity of which AUO directly or indirectly owns more than 50% of the voting shares or paid-in capital, which is referred to as a controlled entity, may not purchase AUO’s common shares. Also, if AUO and a controlled entity jointly own, directly or indirectly, more than 50% of the voting shares or paid-in capital of another entity, which is referred to as a third entity, the third entity may not purchase common shares in either AUO or a controlled entity.

## **Liquidation Rights**

In the event of AUO’s liquidation, the assets remaining after payment of all debts, liquidation expenses, taxes and distributions to holders of preferred shares, if any, will be distributed pro rata to AUO’s shareholders in accordance with the ROC Company Act.

## **Rights to Bring Shareholder Suits**

Under the ROC Company Act, a shareholder may bring suit against us in the following events:

- Within 30 days from the date on which a shareholders' resolution is adopted, a shareholder may file a lawsuit to annul a shareholders' resolution if the procedure for convening a shareholders' meeting or the method of resolution violates any law or regulation or AUO's Articles of Incorporation.
- If the substance of a resolution adopted at a shareholders' meeting contradicts any applicable law or regulation or AUO's Articles of Incorporation, a shareholder may bring a suit to determine the validity of such resolution.

Shareholders may bring suit against AUO's directors under the following circumstances:

- Shareholders who have continuously held 1% or more of the total number of issued common shares for a period of six months or longer may request in writing that an independent director institute an action against a director on AUO's behalf. In case the independent director fails to institute an action within 30 days after receiving such request, the shareholders may institute an action on AUO's behalf. In the event that shareholders institute an action, a court may, upon motion of the defendant, order such shareholders to furnish appropriate security.
- In the event that any director, officer or shareholder who holds more than 10% of AUO's issued common shares and their respective spouse and minor children and/or nominees sells common shares within six months after the acquisition of such common shares, or repurchases the common shares within six months after the sale, AUO may make a claim for recovery of any profits realized from the sale and purchase. If AUO's board of directors or AUO's audit committee fails to make a claim for recovery, any shareholder may request that AUO's board of directors or AUO's audit committee exercise the right of claim within 30 days. In the event AUO's directors or audit committee fail to exercise such right during such 30-day period, such requesting shareholder will have the right to make a claim for such recovery on AUO's behalf. AUO's directors and audit committee will be jointly and severally liable for damages suffered by us as a result of their failure to exercise the right of claim.

## **Financial Statements**

Within three months after the end of each fiscal year, AUO must post its annual audited financial statements under Taiwan IFRS on the website of the Taiwan Stock Exchange, for inspection by AUO's shareholders.

## **Transfer Restrictions**

AUO's directors, officers and shareholders holding more than 10% of AUO's issued common shares and their respective spouse and minor children and/or nominees, which AUO refers to as insiders, are required to report any changes in their shareholding to us on a monthly basis. No insider is permitted to sell shares on the Taiwan Stock Exchange for six months from the date on which the relevant person becomes an insider. In addition, generally the number of shares that insiders can sell or transfer on the Taiwan Stock Exchange on a daily basis is limited by ROC law. Furthermore, insiders may sell or transfer AUO's common shares on the Taiwan Stock Exchange only after reporting to the FSC at least three days before the transfer, provided that such reporting is not required if the number of common shares transferred per day does not exceed 10,000.

### **Other Rights of Shareholders**

Under the ROC Company Act, dissenting shareholders are entitled to appraisal rights in the event of a spin-off, a merger or various other major corporate actions. Dissenting shareholders may request us to redeem their common shares at a fair price to be determined by mutual agreement. If no agreement can be reached, the valuation will be determined by court order. Dissenting shareholders may exercise their appraisal rights by notifying us before the related shareholders' meeting or by raising and registering their dissent at the shareholders' meeting.

### **Reporting of substantial shareholding**

When an acquisition of AUO's shares accumulatively reaches 10% of the total issued common shares, the acquirer(s) shall file a declaration of the identity of the acquirer(s), total number of acquired shares, purpose of acquisition and other required information with the FSC, and shall also make a public disclosure in this regard. The same applies where there is any change in the information declared. Further, the shareholders holding more than 10% of AUO's issued common shares are required to report to AUO on a monthly basis for any changes in their shareholding (including those owned by their respective spouse and minor children and/or nominees) and any pledge thereover, which AUO shall compile and post such information on the website of the Taiwan Stock Exchange.

## DESCRIPTION OF THE AMERICAN DEPOSITARY SHARES

We have appointed Citibank, N.A. as the depository bank for the American Depositary Shares pursuant to a deposit agreement (the "Deposit Agreement"). A copy of the Deposit Agreement and the amendment to the Deposit Agreement are each on file with the SEC under cover of Registration Statements on Form F-6 (Registration Numbers 333-118892 and 333-170665, respectively). You may obtain a copy of the Deposit Agreement and its amendment from the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549 and from the SEC's website ([www.sec.gov](http://www.sec.gov)). The term "Deposit Agreement" shall hereinafter refer to the Deposit Agreement as amended.

Citibank, N.A. when acting as depository bank for the American Depositary Shares is referred to as the "depository bank" or as the "Depository." Citibank, N.A.'s depository offices are located at 388 Greenwich Street, New York, New York 10013. The American Depositary Shares are referred to as "ADSs" and represent ownership interests in securities that are on deposit with the Depository. The ADSs may be represented by certificates that are commonly known as "American Depositary Receipts" or "ADRs." The Depository has appointed Citibank Taiwan Ltd., located at 9F, No. 16 Nanking East Road, Section 4, Taipei 105, Taiwan, ROC as custodian to safe keep the securities on deposit.

The following is a summary description of the material terms of ADSs and of your material rights as an owner of ADSs. Please remember that summaries by their nature lack the precision of the information summarized and that the rights and obligations of an owner of ADSs will be determined by reference to the terms of the Deposit Agreement and not by this summary. We urge you to review the Deposit Agreement in its entirety. The portions of this summary description that are italicized describe matters that may be relevant to the ownership of ADSs but that may not be contained in the Deposit Agreement.

Each ADS represents the right to receive, and to exercise the beneficial ownership interests in, ten common shares that are on deposit with the Depository and/or the custodian. An ADS also represents the right to receive, and to exercise the beneficial interests in, any other property received by the Depository or the custodian on behalf of the owner of the ADS but that has not been distributed to the owners of ADSs because of legal restrictions or practical considerations. We and the Depository may agree to change the ADS-to-common share ratio by amending the Deposit Agreement. This amendment may give rise to, or change, the depository fees payable by ADS owners. The custodian, the Depository and their respective nominees will hold all deposited property for the benefit of the holders and beneficial owners of ADSs. The deposited property does not constitute the proprietary assets of the Depository, the custodian or their nominees. Beneficial ownership in the deposited property will under the terms of the Deposit Agreement be vested in the beneficial owners of the ADSs. The Depository, the custodian and their respective nominees will be the record holders of the deposited property represented by the ADSs for the benefit of the holders and beneficial owners of the corresponding ADSs. A beneficial owner of the ADSs may or may not be the holder of ADSs. Beneficial owners of the ADSs will be able to receive, and to exercise beneficial ownership interests in, the deposited property only through the registered holders of the ADSs, the registered holders of the ADSs (on behalf of the applicable ADS owners) only through the Depository, and the Depository (on behalf of the owners of the corresponding ADSs) directly, or indirectly, through the custodian or their respective nominees, in each case upon the terms of the Deposit Agreement.

If you become an owner of ADSs, you will become a party to the Deposit Agreement and therefore will be bound to its terms and to the terms of any ADR that evidences your ADSs. The Deposit Agreement and the ADR specify our rights and obligations as well as your rights and obligations as owner of ADSs and those of the Depository. As an ADS holder you appoint the Depository to act on your behalf in certain circumstances. The Deposit Agreement and the ADRs are governed by New York law. However, our obligations to the holders of common shares will continue to be governed by ROC laws, which may be different from the laws in the United States. In addition, we note that ROC law and regulations may restrict the deposit and withdrawal of the common shares into or from depository receipt facilities.

The manner in which you own the ADSs (e.g., in a brokerage account vs. as registered holder, or as holder of certificated vs. uncertificated ADSs) may affect your rights and obligations, and the manner in which, and extent to which, the Depository's services are made available to you. As an owner of the ADSs, you may hold your ADSs by means of a ADR registered in your name, or through a brokerage or safekeeping account, or through an account established by the Depository in your name reflecting the registration of uncertificated ADSs directly on the books of the Depository (commonly referred to as the "direct registration system" or "DRS"). The direct registration system reflects the uncertificated (book-entry) registration of ownership of ADSs by the Depository. Under the direct registration system, ownership of ADSs is evidenced by periodic statements issued by the Depository to the holders of the ADSs. The direct registration system includes automated transfers between the Depository and the Depository Trust Company (DTC), the central book-entry clearing and settlement system for equity securities in the United States. If you decide to hold your ADSs through your brokerage or safekeeping account, you must rely on the procedures of your broker or bank to assert your rights as ADS owner. Banks and brokers typically hold securities such as the ADSs through clearing and settlement systems such as DTC. The procedures of such clearing and settlement systems may limit your ability to exercise your rights as an owner of ADSs. Please consult with your broker or bank if you have any questions concerning these limitations and procedures. All ADSs held through DTC will be registered in the name of a nominee of DTC. This summary description assumes you have opted to own the ADSs directly by means of a ADS registered in your name and, as such, we will refer to you as the "holder." When we refer to "you," we assume the reader owns ADSs and will own ADSs at the relevant time.

The registration of the common shares in the name of the Depository or the custodian shall, to the maximum extent permitted by applicable law, vest in the Depository or the custodian the record ownership in the applicable common shares with the beneficial ownership rights and interests in such common shares being at all times vested with the beneficial owners of the ADSs representing the common shares. The Depository or the custodian shall at all times be entitled to exercise the beneficial ownership rights in all deposited property, in each case only on behalf of the holders and beneficial owners of the ADSs representing the deposited property.

*This summary description below assumes you have chosen to own the ADSs directly registered in your name in certificated or uncertificated form and, as such, we will refer to you as the "holder". When we refer to "you", we assume the reader owns ADSs and will own ADSs at the relevant time. This summary description also assumes that the owner of ADSs is neither a citizen of the PRC nor an entity organized in the PRC, as ownership of ADSs by such persons is subject to special ROC laws, rules and regulations.*

*"we," "us," "company" and "our" refer to AU Optronics Corp. and, unless otherwise stated or the context otherwise requires, its subsidiaries.*

## **Dividends and Distributions**

As a holder of ADSs, you generally have the right to receive the distributions we make on the securities deposited with the custodian. Your receipt of these distributions may be limited, however, by practical considerations and legal limitations. Holders of ADSs will receive such distributions under the terms of the Deposit Agreement in proportion to the number of ADSs held as of the specified record date, after deduction of the applicable fees, taxes and expenses.

## **Distributions of Cash**

Whenever we make a cash distribution for the securities on deposit with the custodian, we will notify the depository and deposit the funds with the custodian. Upon receipt of such notice and of confirmation of the deposit of the requisite funds, the depository will arrange for the funds to be converted into U.S. dollars and for the distribution of the U.S. dollars to the holders, subject to any restrictions imposed by ROC laws and regulations.



The conversion into U.S. dollars will take place only if practicable and if the U.S. dollars are transferable to the United States. The amounts distributed to you will be net of the fees, expenses, taxes and governmental charges payable by you under the terms of the Deposit Agreement. Upon receipt of approval from the Central Bank of the Republic of China (Taiwan), if any, the depositary will apply the same method for distributing the proceeds of the sale of any property, such as undistributed rights, held by the custodian in respect of securities on deposit.

### **Distributions of Shares**

Whenever we make a free distribution of our common shares for the securities on deposit with the custodian, we will notify the depositary and deposit the applicable number of common shares with the custodian. Upon receipt of notice of such deposit, the depositary will either distribute to you new ADSs representing the common shares deposited or modify the ADS-to-common shares ratio, in which case each ADS you hold will represent rights and interests in the additional common shares so deposited. Only whole new ADSs will be distributed. Fractional entitlements will be sold and the proceeds of such sale will be distributed as in the case of a cash distribution.

The distribution of new ADSs or the modification of the ADS-to-common shares ratio upon a distribution of common shares will be made net of the fees, expenses, taxes and governmental charges payable by you under the terms of the Deposit Agreement. In order to pay such taxes or governmental charges, the depositary may sell all or a portion of the new common shares so distributed.

The depositary will not make any such distribution of new ADSs if it would violate a law, including the U.S. securities laws, or if the distribution is not operationally practicable. If the depositary does not distribute new ADSs as described above, it may sell the common shares received upon the terms described in the Deposit Agreement and will distribute the proceeds of the sale as in the case of a distribution of cash. In addition, if the number of common shares is not a whole number, the depositary will use its best efforts to sell the fractional common shares and distribute the proceeds to you as a cash distribution.

### **Distributions of Rights**

Whenever we intend to distribute rights to subscribe for additional common shares, we will give prior notice to the depositary and we will assist the depositary in determining whether it is lawful and reasonably practicable to distribute rights to subscribe for additional ADSs to holders.

The depositary will establish procedures to distribute rights to subscribe for additional ADSs to holders and to enable such holders to exercise such rights if it is lawful and reasonably practicable to make the rights available to holders of ADSs, and if we provide all of the documentation contemplated in the deposit agreement (such as opinions to address the lawfulness of the transaction). You may have to pay fees, expenses, taxes and other governmental charges to subscribe for the new ADSs upon the exercise of your rights. The depositary is not obligated to establish procedures to facilitate the distribution and exercise by holders of rights to subscribe for new common shares other than in the form of ADSs.

The depositary will not distribute the rights to you if:

- we do not timely request that the rights be distributed to you or we request that the rights not be distributed to you; or
- we fail to deliver satisfactory documents to the depositary; or
- it is not reasonably practicable to distribute the rights.

The Depositary will sell the rights that are not exercised or not distributed if such sale is lawful and reasonably practicable. The proceeds of such sale will be distributed to holders as in the case of a cash distribution. If the Depositary is unable to sell the rights, it will allow the rights to lapse.

### **Elective Distributions**

Whenever we intend to distribute a dividend payable at the election of shareholders either in cash or in additional common shares, it will give prior notice thereof to the Depositary and will indicate whether we wish the elective distribution to be made available to you. In such case, we will assist the Depositary in determining whether such distribution is lawful and reasonably practicable.

The Depositary will make the election available to you only if it is reasonably practicable and if we have provided all of the documentation contemplated in the Deposit Agreement. In such case, the Depositary will establish procedures to enable you to elect to receive either cash or additional ADSs, in each case as described in the Deposit Agreement.

If the election is not made available to you, you will receive either cash or additional ADSs, depending on what a shareholder in the ROC would receive upon failing to make an election, as more fully described in the Deposit Agreement.

### **Other Distributions**

Whenever we intend to distribute property other than cash, common shares or rights to purchase additional common shares, we will notify the depositary in advance and will indicate whether we wish such distribution to be made to you. If so, we will assist the depositary in determining whether such distribution to holders is lawful and reasonably practicable.

If it is reasonably practicable to distribute such property to you and if we provide all of the documentation contemplated in the Deposit Agreement, the depositary will distribute the property to you in a manner it deems practicable.

The distribution will be made net of fees, expenses, taxes and governmental charges payable by you under the terms of the Deposit Agreement. In order to pay such taxes and governmental charges, the depositary may sell all or a portion of the property received.

The depositary will not distribute the property to you and will sell the property if:

- we do not request that the property be distributed to you or if we ask that the property not be distributed to you; or
- we do not deliver satisfactory documents to the depositary; or
- the depositary determines that all or a portion of the distribution to you is not reasonably practicable.

The proceeds of such a sale will be distributed to holders as in the case of a cash distribution.

### **Changes Affecting Common Shares**

Our common shares held on deposit for your ADSs may change from time to time. For example, there may be a change in nominal or par value, a split-up, cancellation, consolidation or reclassification of our common shares, or a recapitalization, reorganization, merger, consolidation or sale of assets.

If any such change were to occur, your ADSs would, to the extent permitted by law, represent the right to receive the property received or exchanged for our common shares held on deposit. The depository may in such circumstances deliver new ADSs to you or call for the exchange of your existing ADSs for new ADSs. If the depository may not lawfully distribute such property to you, the depository may sell such property and distribute the net proceeds to you as in the case of a cash distribution.

### **Issuance of ADSs Upon Deposit of Common Shares**

Subject to limitations set forth in the Deposit Agreement, the depository may create ADSs on your behalf if you or your broker deposit our common shares with the custodian. The depository will deliver these ADSs to the person you indicate only after you pay any applicable issuance fees and any charges and taxes payable for the transfer of our common shares to the custodian. Your ability to deposit common shares and receive ADSs may be limited by U.S. and ROC legal considerations applicable at the time of deposit.

*Under the laws and regulations of the ROC, as currently in effect, without obtaining specific approval from the FSC, no common shares may be accepted for deposit and no ADSs may be issued under the terms of the Deposit Agreement except in the following circumstances:*

- (1) upon a stock dividend on, or a free distribution of, common shares to existing shareholders;*
- (2) upon the exercise by existing shareholders of their preemptive rights in connection with capital increases for cash; and*
- (3) as permitted under the Deposit Agreement, the purchase directly by a person or through the depository of common shares on the TWSE or the delivery by any person of common shares held by such person for deposit in the depository receipt facility provided that the total number of ADSs outstanding after an issuance described in clause (4) does not exceed the number of ADSs issued and previously approved by the ROC in connection with the offering plus any ADSs created under clauses (1), (2) and (3) described above; provided that the Depository will refuse to accept common shares for deposit under clause (4) if such deposit is not permitted under any restriction notified by the company to the Depository from time to time, which restriction may specify blackout periods during which deposits may not be made, time periods during which deposits may be made, and minimum size and frequency of deposits.*

*The Depository and the custodian will refuse to accept common shares for deposit whenever they are notified in writing that such deposit would result in any violation of applicable laws, including ownership restrictions under the laws of the ROC.*

Notwithstanding the above, per the directive issued by the FSC to us in connection with the FSC's review of the delisting of ADSs from the NYSE (Reference No. Zheng-Qi-Fa-Zi-1080335017), the total number of the ADSs permitted for trading in the over-the-counter market shall be capped at the outstanding number of the ADSs as of December 2, 2019, New York Time, which is 51,036,874 ADSs, and from December 3, 2019, New York Time, no additional re-issuance after redemption of the ADSs will be permitted.

The issuance of ADSs may be delayed until the depository or the custodian receives confirmation that all required approvals have been given and that our common shares have been duly transferred to the custodian. The depository will only issue ADSs in whole numbers.

When you make a deposit of our common shares, you will be responsible for transferring good and valid title to the depository. Therefore, you will be deemed to represent and warrant that:

- the common shares are duly authorized, validly issued, fully paid, non-assessable and legally obtained;
- all preemptive and similar rights, if any, with respect to such common shares have been validly waived or exercised;

- you are duly authorized to deposit our common shares;
- the common shares presented for deposit are free and clear of any lien, encumbrance, security interest, charge, mortgage or adverse claim, and are not, and the ADSs issuable upon such deposit will not be, “restricted securities” as defined in the Deposit Agreement; and
- the common shares presented for deposit have not been stripped of any rights or entitlements.

If any of the representations or warranties is incorrect in any way, we and the depositary may, at your cost and expense, take any and all actions necessary to correct the consequences of the misrepresentations.

### **Transfer, Combination and Split-Up of ADRs**

As an ADR holder, you will be entitled to transfer, combine or split up your ADRs and the ADSs evidenced thereby. For transfers of ADRs, you will have to surrender the ADRs to be transferred to the depositary and also must:

- ensure that the surrendered ADR certificate is properly endorsed or otherwise in proper form for transfer;
- provide such proof of identity and genuineness of signatures as the depositary deems appropriate;
- provide any transfer stamps required by the State of New York or the United States; and
- pay all applicable fees, charges, expenses, taxes and other government charges payable by ADR holders pursuant to the terms of the Deposit Agreement, upon the transfer of ADRs.

To have your ADRs either combined or split up, you must surrender the ADRs in question to the depositary with your request to have them combined or split up, and you must pay all applicable fees, charges and expenses payable by ADS holders, pursuant to the terms of the Deposit Agreement, upon a combination or split up of ADRs.

### **Withdrawal of Common Shares Upon Cancellation of ADSs**

Subject to the relevant provisions of the Deposit Agreement, a holder may apply to withdraw the underlying common shares, or request the Depositary, acting pursuant to the Deposit Agreement, to sell or cause to be sold on behalf of such holders of the underlying common shares. Your ability to withdraw the common shares may be limited by U.S. and ROC law considerations applicable at the time of withdrawal.

Subject to the withdrawal of deposited property being permitted under ROC law and regulations, you may also request that our common shares represented by your ADSs be sold on your behalf. The Depositary may require that you deliver your request for sale in writing. Any sale of our common shares will be conducted according to applicable ROC law through a securities company in the ROC on the TWSE or in another manner as is permitted under applicable ROC law. Any sale will be at your risk and expense. You may also be required to enter into a separate agreement with the Depositary to cover the terms of the sale of our common shares.

*Although sales of ADSs by a non-resident individual or a corporation that has no fixed place of business or other permanent establishment or business agent in the territory of the ROC are not currently subject to ROC taxation, sales of common shares by such individual or corporation will be subject to a securities transaction tax in the ROC.*

In order to withdraw or instruct the sale of the common shares represented by your ADSs, you will be required to pay to the Depositary the fees for cancellation of ADSs and any charges and taxes payable upon the transfer of the common shares being withdrawn and you will be required to provide to the Depositary the applicable withdrawal certification. You assume the risk for delivery of all funds and securities upon withdrawal. Once canceled, the ADSs will not have any rights under the Deposit Agreement.

If you hold an ADS registered in your name, the depository may ask you to provide proof of identity and genuineness of any signature and such other documents as the depository may deem appropriate before it will cancel your ADSs. The withdrawal of our common shares represented by your ADSs may be delayed until the depository receives satisfactory evidence of compliance with all applicable laws and regulations. Please keep in mind that the Depository will only accept ADSs for cancellation that represent a whole number of securities on deposit.

We currently have reporting obligations under ROC law in respect of the ADS facility. In order to enable us to gather the information necessary for these reporting obligations, you will be asked to complete and sign a certification upon withdrawal of common shares from the ADS facility. In this certification you will be asked to disclose, among other information:

- *your name;*
- *the name and nationality (and the identity number, if such person is a ROC citizen) of any person who will become the shareholder upon withdrawal and the Foreign Investor Investment I.D. issued under the Investment Regulations (if such person is a non-ROC person) or PRC Investor Investment I.D. pursuant the Mainland Investors Regulations (if such person is a PRC person);*
- *the book-entry account number at TDCC and account name of the person who will receive the common shares upon such withdrawal;*
- *the number of common shares such person will receive upon such withdrawal;*
- *the aggregate number of common shares such person has received upon all withdrawals since the establishment of our ADS facility;*
- *any other information that we or the depository may deem necessary or desirable to comply with any ROC disclosure or reporting requirements; and*
- *if the presenter is a broker-dealer, the owner of the account for which he is acting has confirmed the accuracy of the above representations.*

You may also be required to certify to other information that we or the Depository may deem necessary or desirable to comply with any ROC disclosure or reporting requirement. The Depository will refuse to release common shares to you until you deliver a completed and signed certification to it.

*Please keep in mind that the depository will only accept for cancellation ADSs that represent a whole number of securities on deposit. If you surrender a number of ADSs for withdrawal representing other than a whole number of common shares, the depository will either return the number of ADSs representing any remaining fractional common shares or sell the common shares represented by the ADSs you surrendered and remit the net proceeds of that sale to you as in the case of a distribution in cash. Common shares sold in lots other than integral multiples of 1,000 may realize a lower price on the Taiwan Stock Exchange.*

*Under the laws and regulations of the ROC, the common shares deposited under the Deposit Agreement may be withdrawn upon cancellation of the corresponding ADSs pursuant to the Deposit Agreement subject to the following conditions:*

- *the appointment of an eligible agent in the ROC to open (1) a securities trading account with an ROC brokerage firm with ROC approval and (2) a bank account to pay ROC taxes, remit funds, exercise shareholders' rights and perform such other functions as you may designate upon such withdrawal;*
- *the appointment of a custodian bank to hold the securities in safekeeping, make confirmations, settle trades and report relevant information;*
- *registration with the TWSE for making investments in the ROC securities market and receipt of a foreign investor investment identification prior to withdrawing common shares; and*

- *the appointment of an agent in the ROC for filing tax returns and making tax payments in the ROC. Such agent must meet certain qualifications set by the FSCROC and, upon appointment, becomes a guarantor of such withdrawing owner's ROC tax obligations. Evidence of the appointment of such agent and the approval of such appointment by the ROC. tax authorities may be required as conditions to such withdrawing holder's repatriation of the proceeds from the sale of the withdrawn common shares. There can be no assurance that such withdrawing holder will be able to appoint and obtain approval for such agent in a timely manner.*

*These conditions may change from time to time. We cannot assure you that current ROC law will remain in effect or that future changes in ROC law will not adversely affect your ability to withdraw our common shares from the ADS facility.*

You will have the right to withdraw the securities represented by your ADSs at any time except for:

- *Temporary delays that may arise because (i) the transfer books for the common shares or ADSs are closed, or (ii) common shares are immobilized on account of a shareholders' meeting or a payment of dividends.*
- *Obligations to pay fees, taxes and similar charges.*
- *Restrictions imposed because of laws or regulations applicable to ADSs or the withdrawal of securities on deposit.*
- *Other instructions specifically contemplated by Instruction (1) of the General Instructions to Form F-6 (as may be amended from time to time)*

The Deposit Agreement may not be modified to impair your right to withdraw the securities represented by your ADSs except to comply with mandatory provisions of law.

### **Voting Rights**

You may direct the exercise of voting rights regarding the common shares represented by the ADSs only pursuant to the Deposit Agreement. You will not be able to exercise voting rights attaching to our common shares on an individual basis. According to the ROC Company Law, a shareholder's voting rights must, as to all matters brought to a vote of shareholders, other than the election of directors and/or supervisors, be exercised as to all common shares held by the shareholder in the same manner, provided that shareholders holding common shares on behalf of others are permitted to split votes when exercising voting rights. Under the Deposit Agreement, the voting rights of the common shares represented by ADSs must be exercised collectively in the same manner, including the election of directors. The voting rights of holders of common shares are described in the above "Description of the Common Stock and Related Matters — Voting Rights."

By accepting and continuing to hold ADSs or any interest in the ADSs, you will authorize and direct the depository's nominee to appoint the chairman of our board of directors, or the chairman's designee, as representative of the depository's nominee to exercise the voting rights attaching to the common shares represented by the ADSs.

Once notified of a shareholders' meeting, the depository will, subject to the terms of the Deposit Agreement, fix a record date for determining the owners entitled to receive information about this meeting. The depository will distribute to you:

- the notice of the meeting sent by us; and
- a statement that you will be entitled to instruct the depository or its nominee as to the exercise of the voting rights.

If the depositary timely receives voting instructions from holders of at least 51% of the outstanding ADSs to vote in the same manner on a resolution, including election of directors, the depositary will cause all of the common shares underlying your ADSs to be voted in the manner instructed. If, for any reason other than our failure to provide timely notice to the depositary of a shareholders' meeting, the depositary does not receive timely instructions from holders of at least 51% of all ADSs outstanding to vote in the same manner on a resolution, including a resolution for the election of directors, the holders of all ADSs outstanding shall be deemed, subject to our satisfying the applicable requirements of the Deposit Agreement, to have instructed the depositary's nominee to authorize the chairman of our board of directors, or his designee, to vote the common shares on deposit in respect of their ADSs in his discretion, which may not be in the interest of the holders of ADSs.

You will not be able to exercise cumulative voting rights on an individual basis in the elections of directors under the Deposit Agreement. Instead, the depositary will exercise the cumulative voting rights on behalf of all ADS holders. This means that if at least 51% of the votes represented by outstanding ADSs are cast for a particular director for a particular open position in an election, the depositary shall, subject to the terms of the Deposit Agreement, cause all of the common shares underlying the outstanding ADSs to be voted in favor of the director. If less than 51% of all votes represented by outstanding ADSs are cast for a particular director for a particular position, the depositary shall, subject to its receipt of a satisfactory opinion of counsel and to the terms of the Deposit Agreement and ROC law, authorize the chairman of our board of directors, or his designee, to vote all the common shares on deposit in his or her discretion, which may not be in the interests of the holders.

By accepting and continuing to hold ADSs or any interest therein, you will be deemed to have agreed to the voting provisions set forth in the Deposit Agreement, as such provisions may be amended from time to time to comply with applicable ROC law.

There can be no assurance that you will receive notice of shareholders' meetings sufficiently prior to the date established by the depositary for receipt of instructions to enable you to give timely voting instructions.

We have adopted a candidate nomination system for the election of directors. Holders of one (1) percent or more of the total and issued outstanding common shares as of the applicable record date for determining holders of common shares with the right to vote at a meeting of shareholders are entitled to submit a roster of candidates to be considered for nomination to our board of directors at a meeting of our shareholders involving the election of directors, provided that (i) the number of director candidates contained in any such nomination shall not exceed the number of the directors to be elected at such meeting, (ii) any such nomination is submitted to us prior to the expiration of the period for submission of nominations, (iii) any such nomination shall contain the name, educational background and past work experience of each director candidate identified in such nomination, (iv) the nomination shall include a letter of consent issued by each director candidate identified in the nomination consenting to act as director if she/he/it is elected as such, (v) we receive a written statement by each director candidate assuring that she/he/it is not in violation of any of the circumstances set forth in Article 30 of the ROC Company Act, as amended, (vi) if a director candidate is a corporate shareholder of our common shares (which cannot be the Depositary or its nominee), or such corporate shareholder's representative, additional information and documents reflecting the basic registration information of such corporate shareholder and the document certifying the number of common shares in its possession have been included, (vii) any further conditions under Article 192-1 of the ROC Company Act, as amended, of our articles of incorporation, and of the Deposit Agreement are so satisfied.

We have adopted a candidate nomination system, as holder of the deposited securities, the Depositary or its nominee would be entitled to submit only one (1) nomination for each meeting involving the election of directors in respect of all of the common shares held on deposit as of the established record date. Holders and beneficial owners of ADSs do not under ROC law have individual rights to submit nominations but may be able to submit a nomination if such holders or beneficial owners (i) timely present their ADSs to the Depositary for cancellation pursuant to the terms of the Deposit Agreement and become holders of common shares in the ROC prior to the expiration of the nomination submission period and prior to the candidate nomination record date, and (ii) otherwise satisfy the conditions of ROC law applicable to the submission of nominations for consideration at a meeting of our shareholders involving the election of directors.

Holders and beneficial owners of ADSs do not have individual nomination rights. We have adopted a candidate nomination system, the Depositary would, if so requested by beneficial owner(s) as of the established record date that own(s), individually or as a group, at least 51% of the ADSs outstanding as of the established record date, submit to us for consideration at a meeting of the Company's shareholders involving the election of directors one (1) nomination, provided that the conditions set forth above with respect to nominations, as well as those that may be required under our articles of incorporation and the terms and conditions of the Deposit Agreement, are met. The requirements associated with nomination submissions which are or may be applicable to holders and beneficial owners of ADSs are further set forth in the Deposit Agreement.

### **Proposal Rights**

Holders of one (1) percent or more of the total and issued outstanding common shares will be entitled to submit one written proposal each year for consideration at our annual ordinary meeting of stockholders provided that (i) the proposal is in the Chinese language and does not exceed 300 Chinese characters, (ii) the proposal is submitted to us prior to the expiration of the period for submission of proposals (the "Submission Period") announced by us, (iii) only one (1) matter for consideration at our annual ordinary meeting of shareholders is allowed in each proposal, and (iv) the proposing shareholder shall attend, in person or by a proxy, such annual ordinary meeting whereat his or her or its proposal is to be discussed and such proposing shareholder, or his or her or its proxy, shall take part in the discussion of such proposal.

As the holder of common shares, the Depositary is entitled, provided the conditions of ROC law are satisfied, to submit only one (1) proposal each year in respect of all of the common shares held on deposit. Holders and beneficial owners of ADSs do not under ROC law have individual rights to submit proposals to us but may be able to submit proposals to us for consideration at the annual ordinary meeting of shareholders if the beneficial owners (i) timely present their ADSs to the Depositary for cancellation pursuant to the terms of the Deposit Agreement and become holders of common shares in the ROC prior to the expiration of the Submission Period and prior to the applicable shareholder proposal record date, and (ii) otherwise satisfy the conditions of ROC law applicable to the submission of proposals to us for consideration at an annual ordinary meeting of our shareholders.

The Depositary will, if so requested by (a) beneficial owner(s) as of the applicable ADS record date that own(s), individually or as a group, at least 51% of the ADSs outstanding as of the applicable ADS record date, submit to us for consideration at the annual ordinary meeting of our shareholders one (1) proposal each year, provided that certain terms and conditions as set forth in the Deposit Agreement are met.

The Depositary will not be obligated to provide to holders and beneficial owners of the ADSs any notices relating to the proposal rights, including, without limitation, notice of submission period, or the receipt of any proposal(s) from submitting holders, or of the holdings of any ADSs by any persons, except that the Depositary shall, upon a ADS holder's request, inform such holder of the total number of ADSs the issued.

### **Amendments and Termination**

We may agree with the depositary to modify the Deposit Agreement at any time without your consent. We undertake in the Deposit Agreement to give holders 30 days' prior notice of any modifications that would impose or increase any fees or materially prejudice any of your substantial rights under the Deposit Agreement. We will not consider to be materially prejudicial to your substantial rights any modifications or supplements that are reasonably necessary for the ADSs to be registered under the Securities Act or to be eligible for book-entry settlement, in each case without imposing or increasing the fees and charges you are required to pay. In addition, we may not be able to provide you with prior notice of any modifications or supplements that are required to accommodate compliance with applicable provisions of law.

You will be bound by the modifications to the Deposit Agreement if you continue to hold your ADSs after the modifications to the Deposit Agreement become effective. The Deposit Agreement cannot be amended to prevent you from withdrawing the common shares represented by your ADSs, except as required by law.



We have the right to direct the depositary to terminate the Deposit Agreement. Similarly, the depositary may in certain circumstances on its own initiative terminate the Deposit Agreement. In either case, the depositary must give notice to you at least 30 days before termination.

Upon termination, the following will occur under the Deposit Agreement:

- For a period of six months after termination, you will be able to request the cancellation of your ADSs and the withdrawal of the common shares represented by your ADSs and the delivery of all other property held by the depositary in respect of those common shares on the same terms as prior to the termination. During such six-month period, the depositary will continue to collect all distributions received on the common shares on deposit, including dividends, but will not distribute any such property to you until you request the cancellation of your ADSs.
- After the expiration of such six-month period, the depositary may sell the securities held on deposit. The depositary will hold the proceeds from such sale and any other funds then held for the holders of ADSs in a non-interest bearing account. At that point, the depositary will have no further obligations to holders other than to account for the funds then held for the holders of ADSs still outstanding.

### **Fees and Charges**

As an ADS holder, you will be required to pay the following fees under the terms of the Deposit Agreement:

| <b>Service</b>  | <b>Fees</b>  |
|---|--|
| (1) Issuance of ADSs upon deposit of securities   | Up to U.S. \$5.00 per 100 ADSs (or fraction thereof) issued  |
| (2) Delivery of deposited securities, property and cash against surrender of ADSs                                   | Up to U.S. \$5.00 per 100 ADSs (or fraction thereof) surrendered   |
| (3) Distribution of (a) cash dividend or (b) ADSs pursuant to stock dividends (or other free distribution of stock) | No fee, so long as prohibited by the exchange upon which the ADSs are listed. If the charging of such fee is not prohibited, the fees specified in (1) above shall be payable in respect of a distribution of ADSs pursuant to stock dividends (or other free distribution of stock) and the fees specified in (4) below shall be payable in respect of distributions of cash. |
| (4) Distribution of cash proceeds (i.e., upon sale of rights and other entitlements)                                | Up to U.S. \$2.00 per 100 ADSs (or fraction thereof) held  |
| (5) Distribution of ADSs pursuant to exercise of rights to purchase additional ADSs                                 | Up to U.S. \$5.00 per 100 ADSs (or fraction thereof) issued  |

**As an ADS holder you will also be responsible to pay certain charges such as:**

- taxes (including applicable interest and penalties) and other governmental charges;
- such registration fees as may from time to time be in effect for the registration of deposited securities on the share register and applicable to transfers of common shares to or from the name of the custodian, the Depository or any nominees upon the making of deposits and withdrawals, respectively;
- such cable, telex and facsimile transmission and delivery expenses as are expressly provided in the Deposit Agreement to be at the expense of the person depositing common shares or holders and beneficial owners of ADSs;
- the expenses and charges incurred by the Depository in the conversion of foreign currency;
- such fees and expenses incurred by the Depository in connection with compliance with exchange control regulations and other regulatory requirements applicable to our common shares, ADSs and ADRs; and
- the fees and expenses incurred by the Depository, the custodian or any nominee in connection with the servicing or delivery of deposited securities.

**Books of Depository and Notices**

The depository will maintain ADS holder records at its depository office. You may inspect such records at such office during regular business hours but solely for the purpose of communicating with other ADS holders in the interest of business matters relating to the ADSs and the Deposit Agreement.

The depository will maintain in The City of New York facilities to record and process the issuance, cancellation, combination, split-up and transfer of ADRs. These facilities may be closed from time to time, to the extent not prohibited by law.

The depository will make available at its offices, and distribute to ADS holders at our request, a copy of any notice, report or other communication to holders of our common shares that it receives from us.

**Limitations on Obligations and Liabilities**

The Deposit Agreement limits our obligations and the depository's obligations to you, including the following:

- We and the depository are obligated only to take the actions specifically stated in the Deposit Agreement without negligence or bad faith.
- The depository disclaims any liability for any failure to carry out voting instructions, for any manner in which a vote is cast or for the effect of any vote, provided it has acted in good faith and in accordance with the terms of the Deposit Agreement.
- The depository disclaims any liability for any failure to carry out voting instructions, for any manner in which a vote is cast or for the effect of any vote, provided it has acted in good faith and in accordance with the terms of the Deposit Agreement, for the timeliness of any of our notices or for our failure to give notice.
- We and the depository will not be obligated to perform any act that is inconsistent with the terms of the Deposit Agreement.
- We and the depository disclaim any liability if we are prevented or forbidden from acting on account of any law or regulation, any provision of our articles of incorporation, any provision of any securities on deposit or by reason of any act of God, terrorism or war or other circumstances beyond our control.

- We and the depositary disclaim any liability by reason of any exercise of, or failure to exercise, any discretion provided for the Deposit Agreement, in our articles of incorporation or in any provisions of securities on deposit.
- We and the depositary further disclaim any liability for any action or inaction in reliance on the advice or information received from legal counsel, accountants, any person presenting our shares for deposit, any holder of ADSs or authorized representatives thereof, or any other person believed by either of us in good faith to be competent to give such advice or information.
- We and the depositary also disclaim liability for your inability to benefit from any distribution, offering, right or other benefit which is made available to other holders of common shares but is not, under the terms of the Deposit Agreement, made available to you.
- We and the depositary may rely without any liability upon any written notice, request or other document believed to be genuine and to have been signed or presented by the proper parties.
- We and the depositary also disclaim liability for any consequential or punitive damages for any breach of the terms of the Deposit Agreement.

### **Pre-Release Transactions**

Subject to the terms and conditions of the Deposit Agreement, the depositary may, in certain circumstances, to the extent permitted by applicable laws and regulations, issue to brokers/dealers ADSs before receiving a deposit of our common shares or release our common shares to brokers/dealers before receiving ADSs for cancellation. These transactions are commonly referred to as “pre-release transactions” and are entered into between the depositary and the applicable brokers/dealers. The Deposit Agreement limits the aggregate size of pre-release transactions (not to exceed 30% of our common shares on deposit in the aggregate) and imposes a number of conditions on these transactions, which include conditions related to the need to receive collateral, the type of collateral required, and the representations required from brokers/dealers. The depositary may retain the compensation received from the pre-release transactions.

*ROC law currently prohibits the issuance of ADSs prior to receipt of a deposit of our common shares.*

### **Taxes**

You will be responsible for the taxes and other governmental charges payable on the ADSs and the securities represented by the ADSs. We, the depositary and the custodian may deduct from any distribution the taxes and governmental charges payable by you and may sell any and all property on deposit to pay the taxes and governmental charges payable by holders. You will be liable for any deficiency if the sale proceeds do not cover the taxes that are due.

The depositary may refuse to issue ADSs, to deliver, transfer, split and combine ADRs, or to release securities on deposit, until all taxes and charges are paid by you. The depositary and the custodian may take reasonable administrative actions to obtain tax refunds and reduced tax withholding for any distributions on your behalf. However, you may be required to provide to the depositary and to the custodian proof of taxpayer status and residence and such other information as the depositary and the custodian may require to fulfill legal obligations. You are required to indemnify us, the depositary and the custodian for any claims with respect to taxes based upon any tax benefit obtained for you.

## Foreign Currency Conversion

The depositary will arrange for the conversion of all foreign currency received into U.S. dollars if such conversion is practical, and it will distribute the U.S. dollars in accordance with the terms of the Deposit Agreement. You may have to pay fees and expenses incurred in converting foreign currency, such as fees and expenses incurred in complying with currency exchange controls and other governmental requirements. If the conversion of foreign currency is not practical or lawful, or if any required approvals are denied or not obtainable at a reasonable cost or within a reasonable period, the depositary may take the following actions in its discretion:

- convert the foreign currency to the extent practical and lawful and distribute the U.S. dollars to you for whom the conversion and distribution is lawful and practical;
- distribute the foreign currency to you for whom the distribution is lawful and practical; and
- hold the foreign currency, without liability for interest, for the applicable holders.

*Under ROC laws and regulations relating to foreign exchange control, the depositary may, without obtaining further approvals from the Central Bank of the Republic of China (Taiwan) or any other governmental authority or agency of the ROC, convert NT dollars into other currencies, including U.S. dollars, in connection with the following:*

- *proceeds of the sale of common shares represented by ADSs;*
- *proceeds of the sale of common shares received as stock dividends and deposited into the ADS facility; and*
- *any cash dividends or cash distributions received.*

*In addition, the depositary, without governmental approval, may also convert incoming payments into NT dollars for (1) purchases of common shares for deposit into the ADS facility against the creation of additional depositary shares or (2) subscription payments for rights offerings through us.*

*The depositary may be required to obtain foreign exchange approval from the Central Bank of the Republic of China (Taiwan) on a payment-by-payment basis for conversion from NT dollars into foreign currencies of the proceeds from the sale of subscription rights for new common shares. Although we expect that the Central Bank of the Republic of China (Taiwan) will grant this approval as a routine matter, we cannot assure you that in the future any approval will be obtained in a timely manner, or at all.*

*Under current ROC law, subject to obtaining the Foreign Investor Investment I.D. issued pursuant to the Investment Regulations, or the PRC Investor Investment I.D. issued pursuant to Mainland Investors Regulations, a non-ROC holder, may, without obtaining foreign-exchange approval from the Central Bank of the Republic of China (Taiwan), convert NT dollars into other currencies, including U.S. dollars, upon receipt of (1) the proceeds of the sale of any underlying common shares withdrawn from the ADS facility or received as a stock dividend received upon the common shares and (2) any cash dividends or distribution paid upon the common shares.*

*The non-ROC holder may be required to obtain foreign exchange approval from the Central Bank of the Republic of China (Taiwan) on a payment-by-payment basis for conversion from NT dollars to foreign currencies of the proceeds from the sale of subscription rights for new common shares. Although we expect that the Central Bank of the Republic of China (Taiwan) will grant this approval as a routine matter, we cannot assure you that in the future any approval will be obtained in a timely manner, or at all.*

**Governing Law**

The Deposit Agreement and the ADRs shall be interpreted in accordance with the laws of the State of New York. We and the depositary have agreed that the federal or state courts in the City of New York shall have jurisdiction to hear and determine any suit, action or proceeding and to settle any dispute between us that may arise out of or in connection with the Deposit Agreement. We also submitted to the jurisdiction of these courts, and we have appointed an agent for service of process in the City of New York.

**Exhibit 8.1 - List of Subsidiaries**

|     |  |
|-----|--|
| 1.  | a.u. Vista Inc., a corporation organized under the laws of California, United States of America;                         |
| 2.  | AFPD Pte., Ltd., a corporation organized under the laws of Singapore;  |
| 3.  | AU Optronics (Czech) s.r.o., a corporation organized under the laws of the Czech Republic;                               |
| 4.  | AU Optronics (Kunshan) Co., Ltd., a corporation organized under the laws of the People's Republic of China;              |
| 5.  | AU Optronics (L) Corp., a corporation organized under the laws of Malaysia;  |
| 6.  | AU Optronics (Shanghai) Co., Ltd., a corporation organized under the laws of the People's Republic of China;             |
| 7.  | AU Optronics (Slovakia) s.r.o., a corporation organized under the laws of Slovakia Republic;                             |
| 8.  | AU Optronics (Suzhou) Corp., Ltd., a corporation organized under the laws of the People's Republic of China;             |
| 9.  | AU Optronics (Xiamen) Corp., a corporation organized under the laws of the People's Republic of China;                   |
| 10. | AU Optronics Corporation America, a corporation organized under the laws of California, United States of America;        |
| 11. | AU Optronics Corporation Japan, a corporation organized under the laws of Japan;   |
| 12. | AU Optronics Europe B.V., a corporation organized under the laws of the Netherlands;                                     |
| 13. | AU Optronics Korea Ltd., a corporation organized under the laws of South Korea;  |
| 14. | AU Optronics Manufacturing (Shanghai) Corp., a corporation organized under the laws of the People's Republic of China;   |
| 15. | AU Optronics Singapore Pte. Ltd., a corporation organized under the laws of Singapore;                                   |
| 16. | AUO Care Information Tech. (Suzhou) Co., Ltd., a corporation organized under the laws of the People's Republic of China; |
| 17. | AUO Crystal (Malaysia) Sdn. Bhd., a corporation organized under the laws of Malaysia;                                    |
| 18. | AUO Crystal Corp., a corporation organized under the laws of the Republic of China;                                      |
| 19. | AUO Green Energy America Corp., a corporation organized under the laws of Delaware, United States of America;            |
| 20. | AUO Green Energy Europe B.V., a corporation organized under the laws of the Netherlands;                                 |
| 21. | BriView (Hefei) Co., Ltd., a corporation organized under the laws of the People's Republic of China;                     |
| 22. | BriView (L) Corp., a corporation organized under the laws of Malaysia;   |
| 23. | BriView (Xiamen) Corp., a corporation organized under the laws of the People's Republic of China;                        |
| 24. | ComQi Canada Inc., a corporation organized under the laws of Canada;   |
| 25. | ComQi Holdings Ltd., a corporation organized under the laws of the United Kingdom;                                       |
| 26. | ComQi Inc., a corporation organized under the laws of New York, United States of America;                                |
| 27. | ComQi Ltd., a corporation organized under the laws of Israel;  |

|     |  |
|-----|--|
| 28. | ComQi UK Ltd., a corporation organized under the laws of the United Kingdom;   |
| 29. | Darwin Precisions Corporation, a corporation organized under the laws of the Republic of China;                                  |
| 30. | Darwin Precisions (Hong Kong) Limited, a corporation organized under the laws of Hong Kong;                                      |
| 31. | Darwin Precisions (L) Corp., a corporation organized under the laws of Malaysia;   |
| 32. | Darwin Precisions (Slovakia) s.r.o., a corporation organized under the laws of Slovakia Republic;                                |
| 33. | Darwin Precisions (Suzhou) Corp., a corporation organized under the laws of the People's Republic of China;                      |
| 34. | Darwin Precisions (Xiamen) Corp., a corporation organized under the laws of the People's Republic of China;                      |
| 35. | Edgetech Data Technologies (Suzhou) Corp., Ltd., a corporation organized under the laws of the People's Republic of China;       |
| 36. | Forefront Corporation, a corporation organized under the laws of Mauritius;  |
| 37. | Forhouse Electronics (Suzhou) Co., Ltd., a corporation organized under the laws of the People's Republic of China;               |
| 38. | Forhouse International Holding Ltd., a corporation organized under the laws of British Virgin Islands;                           |
| 39. | Fortech Electronics (Kunshan) Co., Ltd., a corporation organized under the laws of the People's Republic of China;               |
| 40. | Fortech Electronics (Suzhou) Co., Ltd., a corporation organized under the laws of the People's Republic of China;                |
| 41. | Fortech International Corp., a corporation organized under the laws of Mauritius;  |
| 42. | Forward Optronics International Corp., a corporation organized under the laws of Samoa;  |
| 43. | JohnRyan Inc., a corporation organized under the laws of Delaware, United States of America;                                     |
| 44. | JohnRyan Limited, a corporation organized under the laws of the United Kingdom;  |
| 45. | Konly Venture Corp., a corporation organized under the laws of the Republic of China;  |
| 46. | Mega Insight Smart Manufacturing (Suzhou) Corp., Ltd., a corporation organized under the laws of the People's Republic of China; |
| 47. | M.Setek Co., Ltd., a corporation organized under the laws of Japan;  |
| 48. | Prime Forward International Ltd., a corporation organized under the laws of Samoa;   |
| 49. | Ronly Venture Corp., a corporation organized under the laws of the Republic of China;  |
| 50. | Sanda Materials Corporation, a corporation organized under the laws of the Republic of China;                                    |
| 51. | Space Money Inc., a corporation organized under the laws of the Republic of China;   |
| 52. | Suzhou Forplax Optronics Co., Ltd., a corporation organized under the laws of the People's Republic of China;                    |
| 53. | U-Fresh Technology Inc., a corporation organized under the laws of the Republic of China;  |
| 54. | U-Fresh Technology (Suzhou) Co., Ltd., a corporation organized under the laws of the People's Republic of China; and             |
| 55. | U-Fresh Environmental Technology (Shandong) Co., Ltd., a corporation organized under the laws of the People's Republic of China. |

**CERTIFICATION PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY  
ACT OF 2002**

I, Shuang-Lang (Paul) Peng, certify that:

1. I have reviewed this annual report on Form 20-F of AU Optronics Corp.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report;
4. The company's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the company's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the company's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting; and



5. The company's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company's auditors and the audit committee of the company's board of directors (or persons performing the equivalent functions):
- (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the company's internal control over financial reporting.

Date: March 27, 2020

By: /s/ Shuang-Lang (Paul) Peng  
Name: Shuang-Lang (Paul) Peng  
Title: Chairman and Chief  
Executive Officer

**CERTIFICATION PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY  
ACT OF 2002**

I, Benjamin Tseng, certify that:

1. I have reviewed this annual report on Form 20-F of AU Optronics Corp.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the company as of, and for, the periods presented in this report;
4. The company's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the company, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the company's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the company's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the company's internal control over financial reporting; and

5. The company's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the company's auditors and the audit committee of the company's board of directors (or persons performing the equivalent functions):
- (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the company's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the company's internal control over financial reporting.

Date: March 27, 2020

By: /s/ Benjamin Tseng  
Name: Benjamin Tseng  
Title: Chief Financial Officer

**CERTIFICATION PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY  
ACT OF 2002**

Securities and Exchange Commission  
100 F Street, N.E.  
Washington, D.C. 20549

Ladies and Gentlemen:

The certification set forth below is being submitted in connection with the Annual Report on Form 20-F for the year ended December 31, 2019 (the "Report") for the purpose of complying with the Rule 13a-14(b) or Rule 15d-14(b) of the Securities Exchange Act of 1934 (the "Exchange Act"), Section 1350 of Chapter 63 of Title 18 of the United States Code and 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002.

Shuang-Lang (Paul) Peng, the Chairman and Chief Executive Officer of AU Optronics Corp., certifies that, to the best of his knowledge:

1. the Report fully complies with the requirements of Section 13(a) or 15(d) of the Exchange Act; and
2. the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of AU Optronics Corp.

Date: March 27, 2020

By: Shuang-Lang (Paul) Peng  
Name: Shuang-Lang (Paul) Peng  
Title: Chairman and Chief  
Executive Officer

**The foregoing certification is not deemed filed for purposes of Section 18 of the Exchange Act and is not deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Exchange Act.**

**CERTIFICATION PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY  
ACT OF 2002**

Securities and Exchange Commission  
100 F Street, N.E.  
Washington, D.C. 20549

Ladies and Gentlemen:

The certification set forth below is being submitted in connection with the Annual Report on Form 20-F for the year ended December 31, 2019 (the "Report") for the purpose of complying with the Rule 13a-14(b) or Rule 15d-14(b) of the Securities Exchange Act of 1934 (the "Exchange Act"), Section 1350 of Chapter 63 of Title 18 of the United States Code and 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002.

Benjamin Tseng, the Chief Financial Officer of AU Optronics Corp., certifies that, to the best of his knowledge:

1. the Report fully complies with the requirements of Section 13(a) or 15(d) of the Exchange Act; and
2. the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of AU Optronics Corp.

Date: March 27, 2020

By: /s/ Benjamin Tseng  
Name: Benjamin Tseng  
Title: Chief Financial Officer

**The foregoing certification is not deemed filed for purposes of Section 18 of the Exchange Act and is not deemed to be incorporated by reference into any filing under the Securities Act of 1933 or the Exchange Act.**