

**ASE Technology Holding Co., Ltd.
and Subsidiaries**

**Consolidated Financial Statements for the
Three months Ended March 31, 2023 and 2022 and
Independent Auditors' Review Report**

INDEPENDENT AUDITORS' REVIEW REPORT

The Board of Directors and Shareholders
ASE Technology Holding Co., Ltd.

Introduction

We have reviewed the accompanying consolidated balance sheets of ASE Technology Holding Co., Ltd. (the "Company") and its subsidiaries (collectively, the "Group") as of March 31, 2023 and 2022, the related consolidated statements of comprehensive income, changes in equity and cash flows for the three months then ended, and the related notes to the consolidated financial statements, including a summary of significant accounting policies (collectively referred to as the "consolidated financial statements"). Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard No. 34 "Interim Financial Reporting" endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China. Our responsibility is to express a conclusion on the consolidated financial statements based on our reviews.

Scope of Review

We conducted our reviews in accordance with the Standards on Review Engagements of the Republic of China 2410 "Review of Interim Financial Information Performed by the Independent Auditor of the Entity". A review of consolidated financial statements consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Conclusion

Based on our reviews, nothing has come to our attention that caused us to believe that the accompanying consolidated financial statements do not present fairly, in all material respects, the consolidated financial position of the Group as of March 31, 2023 and 2022, its consolidated financial performance and its consolidated cash flows for the three months then ended in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard No. 34 "Interim Financial Reporting" endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China.

The engagement partners on the reviews resulting in this independent auditors' review report are Kai-Ning Hsu and Shih-Tsung Wu.

Deloitte & Touche
Taipei, Taiwan
Republic of China

May 9, 2023

Notice to Readers

The accompanying consolidated financial statements are intended only to present the consolidated financial position, financial performance and cash flows in accordance with accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to review such consolidated financial statements are those generally applied in the Republic of China.

For the convenience of readers, the independent auditors' review report and the accompanying consolidated financial statements have been translated into English from the original Chinese version prepared and used in the Republic of China. If there is any conflict between the English version and the original Chinese version or any difference in the interpretation of the two versions, the Chinese-language independent auditors' review report and consolidated financial statements shall prevail.

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS (In Thousands of New Taiwan Dollars)

ASSETS	March 31, 2023 (Reviewed)		December 31, 2022 (Audited)		March 31, 2022 (Reviewed)	
	NT\$	%	NT\$	%	NT\$	%
CURRENT ASSETS						
Cash and cash equivalents (Note 6)	\$ 62,056,130	9	\$ 58,040,394	8	\$ 84,425,834	12
Financial assets at fair value through profit or loss - current (Note 7)	5,336,005	1	6,825,157	1	4,543,115	1
Contract assets - current (Note 39)	4,669,183	1	5,731,173	1	6,121,928	1
Trade receivables, net (Note 10)	91,513,613	14	114,646,999	16	106,559,916	15
Other receivables (Note 10)	15,675,925	2	16,270,569	2	13,800,297	2
Current tax assets	970,613	-	748,519	-	567,613	-
Inventories (Note 11)	80,153,566	12	87,337,475	12	80,646,904	12
Inventories related to real estate business (Notes 12 and 34)	5,513,346	1	5,488,676	1	5,554,244	1
Other financial assets - current (Notes 13 and 34)	980,964	-	734,465	-	154,889	-
Other current assets	4,401,600	1	4,543,797	1	4,665,063	1
Total current assets	<u>271,270,945</u>	<u>41</u>	<u>300,367,224</u>	<u>42</u>	<u>307,039,803</u>	<u>45</u>
NON-CURRENT ASSETS						
Financial assets at fair value through profit or loss - non-current (Note 7)	1,996,653	-	2,108,994	-	2,890,887	-
Financial assets at fair value through other comprehensive income - non-current (Note 8)	1,583,741	-	1,542,271	-	1,947,161	-
Investments accounted for using the equity method (Note 14)	15,725,036	2	14,813,682	2	16,933,679	2
Property, plant and equipment (Notes 15, 25, 34 and 35)	266,005,401	39	268,234,618	38	247,541,512	36
Right-of-use assets (Note 16)	10,881,835	2	11,060,783	2	10,914,932	2
Investment properties (Notes 17, 25 and 34)	21,567,256	3	21,729,092	3	22,846,398	3
Goodwill (Note 18)	51,672,414	8	51,657,594	7	51,491,402	7
Other intangible assets (Note 19)	20,428,297	3	21,177,708	3	23,744,257	3
Deferred tax assets	6,062,775	1	6,341,772	1	5,736,190	1
Other financial assets - non-current (Notes 13 and 34)	5,046,167	1	4,444,059	1	1,429,905	-
Other non-current assets	3,199,429	-	3,590,576	1	3,631,809	1
Total non-current assets	<u>404,169,004</u>	<u>59</u>	<u>406,701,149</u>	<u>58</u>	<u>389,108,132</u>	<u>55</u>
TOTAL	<u>\$ 675,439,949</u>	<u>100</u>	<u>\$ 707,068,373</u>	<u>100</u>	<u>\$ 696,147,935</u>	<u>100</u>

(Continued)

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS (In Thousands of New Taiwan Dollars)

LIABILITIES AND EQUITY	March 31, 2023		December 31, 2022		March 31, 2022	
	(Reviewed)		(Audited)		(Reviewed)	
	NT\$	%	NT\$	%	NT\$	%
CURRENT LIABILITIES						
Short-term borrowings (Notes 20 and 34)	\$ 32,904,423	5	\$ 34,526,510	5	\$ 43,133,179	6
Financial liabilities at fair value through profit or loss - current (Note 7)	566,847	-	626,760	-	477,727	-
Financial liabilities for hedging - current (Notes 20 and 32)	12,253,348	2	12,204,620	2	6,857,203	1
Trade payables	63,552,200	9	78,997,300	11	83,897,587	12
Dividends payable (Note 24)	37,840,197	6	-	-	29,991,408	4
Other payables (Note 22)	45,355,670	7	57,115,100	8	47,573,965	7
Current tax liabilities	11,968,596	2	11,296,222	2	12,068,657	2
Lease liabilities - current (Note 16)	924,422	-	979,612	-	848,922	-
Current portion of bonds payable (Note 21)	7,298,539	1	4,998,971	1	8,203,162	1
Current portion of long-term borrowings (Notes 20 and 34)	4,700,587	1	5,041,841	1	2,621,693	-
Other current liabilities	16,994,582	2	16,473,962	2	15,052,748	3
Total current liabilities	<u>234,359,411</u>	<u>35</u>	<u>222,260,898</u>	<u>32</u>	<u>250,726,251</u>	<u>36</u>
NON-CURRENT LIABILITIES						
Financial liabilities at fair value through profit or loss - non-current (Note 7)	-	-	-	-	10,209	-
Financial liabilities for hedging - non-current (Notes 20 and 32)	-	-	-	-	4,845,933	1
Bonds payable (Note 21)	38,836,985	6	42,851,353	6	40,521,269	6
Long-term borrowings (Notes 20 and 34)	86,751,873	13	94,947,610	13	111,539,968	16
Deferred tax liabilities	8,042,725	1	8,479,555	1	7,461,619	1
Lease liabilities - non-current (Note 16)	6,629,461	1	6,728,875	1	6,567,953	1
Net defined benefit liabilities (Note 23)	4,005,379	-	4,325,492	1	5,707,014	1
Other non-current liabilities	7,088,070	1	7,549,527	1	5,007,424	1
Total non-current liabilities	<u>151,354,493</u>	<u>22</u>	<u>164,882,412</u>	<u>23</u>	<u>181,661,389</u>	<u>27</u>
Total liabilities	<u>385,713,904</u>	<u>57</u>	<u>387,143,310</u>	<u>55</u>	<u>432,387,640</u>	<u>63</u>
EQUITY ATTRIBUTABLE TO OWNERS OF THE COMPANY (Note 24)						
Share capital						
Ordinary shares	43,672,429	6	43,642,185	6	43,530,188	6
Shares subscribed in advance	66,625	-	37,656	-	46,206	-
Total share capital	<u>43,739,054</u>	<u>6</u>	<u>43,679,841</u>	<u>6</u>	<u>43,576,394</u>	<u>6</u>
Capital surplus	<u>143,652,946</u>	<u>21</u>	<u>142,686,356</u>	<u>20</u>	<u>141,969,362</u>	<u>20</u>
Retained earnings						
Legal reserve	12,582,960	2	12,582,960	2	6,300,198	1
Special reserve	10,367,052	1	10,367,052	1	9,569,027	1
Unappropriated earnings	65,217,651	10	97,882,542	14	55,090,738	8
Total retained earnings	<u>88,167,663</u>	<u>13</u>	<u>120,832,554</u>	<u>17</u>	<u>70,959,963</u>	<u>10</u>
Other equity	(2,949,207)	-	(3,954,396)	(1)	(6,173,186)	(1)
Treasury shares	(1,959,107)	-	(1,959,107)	-	(1,959,107)	-
Equity attributable to owners of the Company	270,651,349	40	301,285,248	42	248,373,426	35
NON-CONTROLLING INTERESTS (Note 24)	19,074,696	3	18,639,815	3	15,386,869	2
Total equity	<u>289,726,045</u>	<u>43</u>	<u>319,925,063</u>	<u>45</u>	<u>263,760,295</u>	<u>37</u>
TOTAL	<u>\$ 675,439,949</u>	<u>100</u>	<u>\$ 707,068,373</u>	<u>100</u>	<u>\$ 696,147,935</u>	<u>100</u>

The accompanying notes are an integral part of the consolidated financial statements.

(Concluded)

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (In Thousands of New Taiwan Dollars Except Earnings Per Share) (Reviewed, Not Audited)

	For the Three Months Ended March 31			
	2023		2022	
	NT\$	%	NT\$	%
OPERATING REVENUE (Note 39)	\$ 130,891,073	100	\$ 144,390,827	100
OPERATING COSTS (Notes 11 and 25)	<u>111,551,750</u>	<u>85</u>	<u>115,919,599</u>	<u>80</u>
GROSS PROFIT	<u>19,339,323</u>	<u>15</u>	<u>28,471,228</u>	<u>20</u>
OPERATING EXPENSES (Note 25)				
Selling and marketing expenses	1,555,520	1	1,631,803	1
General and administrative expenses	4,516,173	4	5,364,345	4
Research and development expenses	<u>5,572,056</u>	<u>4</u>	<u>5,362,247</u>	<u>4</u>
Total operating expenses	<u>11,643,749</u>	<u>9</u>	<u>12,358,395</u>	<u>9</u>
PROFIT FROM OPERATIONS	<u>7,695,574</u>	<u>6</u>	<u>16,112,833</u>	<u>11</u>
NON-OPERATING INCOME AND EXPENSES				
Other income (Note 25)	825,348	1	630,257	-
Other gains and losses (Note 25)	784,782	-	411,522	-
Finance costs (Note 25)	(1,422,909)	(1)	(690,444)	-
Share of the profit (loss) of associates and joint ventures	<u>(12,450)</u>	<u>-</u>	<u>198,453</u>	<u>-</u>
Total non-operating income and expenses	<u>174,771</u>	<u>-</u>	<u>549,788</u>	<u>-</u>
PROFIT BEFORE INCOME TAX	7,870,345	6	16,662,621	11
INCOME TAX EXPENSE (Note 26)	<u>1,777,556</u>	<u>2</u>	<u>3,277,505</u>	<u>2</u>
NET PROFIT FOR THE PERIOD	<u>6,092,789</u>	<u>4</u>	<u>13,385,116</u>	<u>9</u>
OTHER COMPREHENSIVE INCOME (LOSS)				
Items that will not be reclassified subsequently to profit or loss:				
Unrealized gain (loss) on equity investments at fair value through other comprehensive income	46,322	-	(90,042)	-

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ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (In Thousands of New Taiwan Dollars Except Earnings Per Share) (Reviewed, Not Audited)

	For the Three Months Ended March 31			
	2023		2022	
	NT\$	%	NT\$	%
Share of other comprehensive income (loss) of associates and joint ventures	\$ 1,501,486	1	\$ (703,720)	-
	<u>1,547,808</u>	<u>1</u>	<u>(793,762)</u>	<u>-</u>
Items that may be reclassified subsequently to profit or loss:				
Exchange differences on translating foreign operations	(444,648)	-	6,149,452	4
Unrealized loss on debt investments at fair value through other comprehensive income	(4,249)	-	(4,285)	-
Gain (loss) on hedging instruments	(171,357)	-	172,406	-
Share of other comprehensive income of associates and joint ventures	15,208	-	27,673	-
	<u>(605,046)</u>	<u>-</u>	<u>6,345,246</u>	<u>4</u>
Other comprehensive income for the period, net of income tax	942,762	1	5,551,484	4
TOTAL COMPREHENSIVE INCOME FOR THE PERIOD	<u>\$ 7,035,551</u>	<u>5</u>	<u>\$ 18,936,600</u>	<u>13</u>
NET PROFIT ATTRIBUTABLE TO:				
Owners of the Company	\$ 5,817,165	4	\$ 12,907,282	9
Non-controlling interests	275,624	-	477,834	-
	<u>\$ 6,092,789</u>	<u>4</u>	<u>\$ 13,385,116</u>	<u>9</u>
TOTAL COMPREHENSIVE INCOME ATTRIBUTABLE TO:				
Owners of the Company	\$ 6,736,883	5	\$ 18,067,686	12
Non-controlling interests	298,668	-	868,914	1
	<u>\$ 7,035,551</u>	<u>5</u>	<u>\$ 18,936,600</u>	<u>13</u>
EARNINGS PER SHARE (Note 27)				
Basic	\$ 1.36		\$ 3.01	
Diluted	\$ 1.30		\$ 2.92	

The accompanying notes are an integral part of the consolidated financial statements.

(Concluded)

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY

(In Thousands of New Taiwan Dollars)

(Reviewed, Not Audited)

	Equity Attributable to Owners of the Company															
	Share Capital							Other Equity								
	Shares (In Thousands)	Amounts	Capital Surplus	Legal Reserve	Special Reserve	Unappropriated Earnings	Total	Exchange Differences on Translating Foreign Operations	Unrealized Gain (Loss) on Financial Assets at Fair Value Through Other Comprehensive Income	Gain (Loss) on Hedging Instruments	Unearned Compensation	Treasury Shares	Non-controlling Interests	Total		
BALANCE AT JANUARY 1, 2022	4,408,650	\$ 44,086,502	\$ 143,691,717	\$ 6,300,198	\$ 9,569,027	\$ 75,449,674	\$ 91,318,899	\$ (15,392,747)	\$ 4,903,863	\$ 121,833	\$ (1,164,991)	\$ (11,532,042)	\$ (7,488,362)	\$ 260,076,714	\$ 14,556,011	\$ 274,632,725
Appropriation of 2021 earnings	-	-	-	-	-	(30,501,981)	(30,501,981)	-	-	-	-	-	-	(30,501,981)	-	(30,501,981)
Cash dividends distributed by the Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Changes from investments in associates accounted for using the equity method	-	-	199	-	-	-	-	-	-	-	-	-	-	199	-	199
Net profit for the three months ended March 31, 2022	-	-	-	-	-	12,907,282	12,907,282	-	-	-	-	-	-	12,907,282	477,834	13,385,116
Other comprehensive income (loss) for the three months ended March 31, 2022, net of income tax	-	-	-	-	-	-	-	5,807,853	(781,797)	134,348	-	5,160,404	-	5,160,404	391,080	5,551,484
Total comprehensive income (loss) for the three months ended March 31, 2022, net of income tax	-	-	-	-	-	12,907,282	12,907,282	5,807,853	(781,797)	134,348	-	5,160,404	-	18,067,686	868,914	18,936,600
Buy-back of treasury shares	-	-	-	-	-	-	-	-	-	-	-	(205,608)	-	(205,608)	-	(205,608)
Cancellation of treasury shares	(55,000)	(550,000)	(2,463,716)	-	-	(2,721,147)	(2,721,147)	-	-	-	-	5,734,863	-	-	-	-
Cash dividends received by subsidiaries from the Company	-	-	510,591	-	-	-	-	-	-	-	-	-	-	510,591	-	510,591
Changes in percentage of ownership interests in subsidiaries (Note 29)	-	-	(8,963)	-	-	(43,082)	(43,082)	-	-	-	-	-	-	(52,045)	(68,162)	(120,207)
Issue of ordinary shares under employee share options (Note 28)	3,989	39,892	230,571	-	-	-	-	-	-	-	198,444	198,444	-	468,907	-	468,907
Additional non-controlling interest arising on issue of employee share options by subsidiaries (Note 28)	-	-	8,963	-	-	-	-	-	-	-	-	-	-	8,963	29,635	38,598
Issue of convertible bonds by subsidiary (Note 21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	471	471
Disposal of investments in equity instruments at fair value through other comprehensive income	-	-	-	-	-	(8)	(8)	-	8	-	-	8	-	-	-	-
BALANCE AT MARCH 31, 2022	4,357,639	\$ 43,576,394	\$ 141,969,362	\$ 6,300,198	\$ 9,569,027	\$ 55,090,738	\$ 70,959,963	\$ (9,584,894)	\$ 4,122,074	\$ 256,181	\$ (966,547)	\$ (6,173,186)	\$ (1,959,107)	\$ 248,373,426	\$ 15,386,869	\$ 263,760,295
BALANCE AT JANUARY 1, 2023	4,367,984	\$ 43,679,841	\$ 142,686,356	\$ 12,582,960	\$ 10,367,052	\$ 97,882,542	\$ 120,832,554	\$ (5,528,489)	\$ 1,486,659	\$ 520,281	\$ (432,847)	\$ (3,954,396)	\$ (1,959,107)	\$ 301,285,248	\$ 18,639,815	\$ 319,925,063
Appropriation of 2022 earnings	-	-	-	-	-	(38,482,083)	(38,482,083)	-	-	-	-	-	-	(38,482,083)	-	(38,482,083)
Cash dividends distributed by the Company	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Changes from investments in associates accounted for using the equity method	-	-	285	-	-	-	-	-	-	-	-	-	-	285	-	285
Net profit for the three months ended March 31, 2023	-	-	-	-	-	5,817,165	5,817,165	-	-	-	-	-	-	5,817,165	275,624	6,092,789
Other comprehensive income (loss) for the three months ended March 31, 2023, net of income tax	-	-	-	-	-	-	-	(483,794)	1,537,039	(133,527)	-	919,718	-	919,718	23,044	942,762
Total comprehensive income (loss) for the three months ended March 31, 2023, net of income tax	-	-	-	-	-	5,817,165	5,817,165	(483,794)	1,537,039	(133,527)	-	919,718	-	6,736,883	298,668	7,035,551
Cash dividends received by subsidiaries from the Company	-	-	641,885	-	-	-	-	-	-	-	-	-	-	641,885	-	641,885
Issue of ordinary shares under employee share options (Note 28)	5,921	59,213	287,916	-	-	-	-	-	-	-	85,498	85,498	-	432,627	-	432,627
Additional non-controlling interest arising on issue of employee share options by subsidiaries (Note 28)	-	-	36,504	-	-	-	-	-	-	-	-	-	-	36,504	98,197	134,701
Issue of convertible bonds by subsidiaries (Note 21)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38,016	38,016
Disposal of investments in equity instruments at fair value through other comprehensive income	-	-	-	-	-	27	27	-	(27)	-	-	(27)	-	-	-	-
BALANCE AT MARCH 31, 2023	4,373,905	\$ 43,739,054	\$ 143,652,946	\$ 12,582,960	\$ 10,367,052	\$ 65,217,651	\$ 88,167,663	\$ (6,012,283)	\$ 3,023,671	\$ 386,754	\$ (347,349)	\$ (2,949,207)	\$ (1,959,107)	\$ 270,651,349	\$ 19,074,696	\$ 289,726,045

The accompanying notes are an integral part of the consolidated financial statements.

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS

(In Thousands of New Taiwan Dollars)

(Reviewed, Not Audited)

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
CASH FLOWS FROM OPERATING ACTIVITIES		
Profit before income tax	\$ 7,870,345	\$ 16,662,621
Adjustments for:		
Depreciation expense	13,461,799	12,514,016
Amortization expense	977,509	989,268
Net gain on fair value changes of financial assets and liabilities at fair value through profit or loss	(103,229)	(1,406,181)
Finance costs	1,422,909	690,444
Interest income	(339,071)	(253,807)
Dividend income	(37,371)	(17,545)
Share based compensations	150,148	283,249
Share of profit (loss) of associates and joint ventures	12,450	(198,453)
Gain on disposal of property, plant and equipment	(67,119)	(60,923)
Gain on disposal of investments accounted for using the equity method	(159)	-
Impairment loss recognized on financial assets	65,324	-
Reversal of impairment loss recognized on financial assets	-	(3,470)
Impairment loss recognized on non-financial assets	1,061,486	354,296
Net loss (gain) loss on foreign currency exchange	(397,910)	1,543,732
Others	1,672	(7,583)
Changes in operating assets and liabilities		
Financial assets mandatorily classified as at fair value through profit or loss	2,729,773	153,991
Contract assets	1,061,989	(514,719)
Trade receivables	23,067,204	8,904,417
Other receivables	347,097	(33,765)
Inventories	6,117,545	(13,330,514)
Other current assets	147,496	(34,815)
Other financial assets	(915,140)	(26,803)
Other operating assets	227,303	-
Financial liabilities held for trading	(1,134,086)	(586,177)
Trade payables	(15,445,100)	(558,444)
Other payables	(6,627,940)	438,112
Other current liabilities	(434,067)	2,338,851
Other operating liabilities	185,255	937,551
Cash generated from operations	<u>33,406,112</u>	<u>28,777,349</u>
Interest received	264,615	236,602
Dividend received	37,371	17,545
Interest paid	(1,477,543)	(604,169)
Income tax paid	(1,472,311)	(1,246,937)
Net cash generated from operating activities	<u>30,758,244</u>	<u>27,180,390</u>

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ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS

(In Thousands of New Taiwan Dollars)

(Reviewed, Not Audited)

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchase of financial assets at fair value through other comprehensive income	\$ -	\$ (20,000)
Return of capital from financial assets at fair value through other comprehensive income	238	-
Acquisition of associates accounted for using the equity method	(14,700)	-
Proceeds from disposal of investments accounted for using the equity method	489,329	-
Payments for property, plant and equipment	(15,357,408)	(17,302,509)
Proceeds from disposal of property, plant and equipment	151,033	119,952
Payments for intangible assets	(176,027)	(128,341)
Proceeds from disposal of intangible assets	5,804	-
Payments for right-of-use assets	(1,239)	(158,807)
Payments for investment properties	(6,822)	(61,523)
Increase in other financial assets	(53,604)	(30,656)
Decrease in other financial assets	22,132	49,556
Increase in other non-current assets	(246,321)	(417,046)
Decrease in other non-current assets	8,416	14,147
Other investing activities items	387,480	-
Net cash used in investing activities	<u>(14,791,689)</u>	<u>(17,935,227)</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from short-term borrowings	-	7,875,434
Repayment of short-term borrowings	(1,535,161)	-
Proceeds from bonds offering	205,320	3,428
Repayment of bonds payable	(2,000,000)	(3,700,000)
Proceeds from long-term borrowings	63,492,508	39,657,112
Repayment of long-term borrowings	(71,783,518)	(49,145,674)
Repayment of the principle portion of lease liabilities	(287,948)	(244,618)
Proceeds from exercise of employee share options	417,183	224,204
Payments for buy-back of ordinary shares	-	(205,608)
Decrease in non-controlling interests	-	(120,207)
Other financing activities	(13,143)	76,683
Net cash used in financing activities	<u>(11,504,759)</u>	<u>(5,579,246)</u>

(Continued)

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS

(In Thousands of New Taiwan Dollars)

(Reviewed, Not Audited)

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
EFFECTS OF EXCHANGE RATE CHANGES ON THE BALANCE OF CASH AND CASH EQUIVALENTS	\$ (446,060)	\$ 4,686,572
NET INCREASE IN CASH AND CASH EQUIVALENTS	4,015,736	8,352,489
CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE PERIOD	<u>58,040,394</u>	<u>76,073,345</u>
CASH AND CASH EQUIVALENTS AT THE END OF THE PERIOD	<u>\$ 62,056,130</u>	<u>\$ 84,425,834</u>

The accompanying notes are an integral part of the consolidated financial statements.

(Concluded)

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE THREE MONTHS ENDED MARCH 31, 2023 AND 2022 (Amounts in Thousands of New Taiwan Dollars, Unless Stated Otherwise) (Reviewed, Not Audited)

1. GENERAL INFORMATION

ASE Technology Holding Co., Ltd. (the “Company”) is a corporation incorporated in Nanzih Technology Industrial Park (formerly known as Nantze Export Processing Zone) under the laws of Republic of China (“R.O.C.”) starting from April 30, 2018 (date of incorporation). The Company and its subsidiaries (collectively referred to as the “Group”) offer a comprehensive range of semiconductors packaging, testing, and electronic manufacturing services (“EMS”).

The Company’s subsidiaries, Advanced Semiconductor Engineering, Inc. (symbol “2311”, “ASE”) and Siliconware Precision Industries Co., Ltd. (symbol “2325”, “SPIL”), entered into and executed a joint share exchange agreement to establish the Company and the Company acquired all issued and outstanding ordinary shares of ASE and SPIL on April 30, 2018. Both of ASE’s and SPIL’s ordinary shares have been delisted while the ordinary shares of the Company were listed starting from the same date under the symbol “3711”. In addition, ASE’s ordinary shares that have been traded on the New York Stock Exchange (the “NYSE”) under the symbol “ASX” in the form of American Depositary Shares (“ADS”) starting from September 2000 were exchanged as the Company’s ADSs under the same symbol “ASX” starting from April 30, 2018.

The ordinary shares of the Company’s subsidiary, Universal Scientific Industrial (Shanghai) Co., Ltd. (“USISH”), have been listed on the Shanghai Stock Exchange under the symbol “601231” since February 2012.

The consolidated financial statements are presented in the Company’s functional currency, New Taiwan dollar (NT\$).

2. APPROVAL OF FINANCIAL STATEMENTS

The consolidated financial statements were authorized by the board of directors on May 9, 2023.

3. APPLICATION OF NEW, AMENDED AND REVISED STANDARDS AND INTERPRETATIONS

- a. Initial application of the amendments to the International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), IFRIC Interpretations (IFRIC), and SIC Interpretations (SIC) (collectively, the “IFRSs”) endorsed and issued into effect by the Financial Supervisory Commission (the “FSC”)

Except for the following, the initial application of the IFRSs endorsed and issued into effect by the FSC did not have material impact on the Group’s accounting policies:

- 1) Amendments to IAS 1 “Disclosure of Accounting Policies”

When applying the amendments, the Group refers to the definition of material to determine its material accounting policy information to be disclosed. Accounting policy information is material if it can reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements. Moreover:

- Accounting policy information that relates to immaterial transactions, other events or conditions is immaterial and need not be disclosed;
- The Group may consider the accounting policy information as material because of the nature of the related transactions, other events or conditions, even if the amounts are immaterial; and
- Not all accounting policy information relating to material transactions, other events or conditions is itself material.

The accounting policy information is likely to be considered as material to the financial statements if that information relates to material transactions, other events or conditions and:

- a) The Group changed its accounting policy during the reporting period and this change resulted in a material change to the information in the financial statements;
- b) The Group chose the accounting policy from options permitted by the standards;
- c) The accounting policy was developed in accordance with IAS 8 “Accounting Policies, Changes in Accounting Estimates and Errors” in the absence of an IFRS that specifically applies;
- d) The accounting policy relates to an area for which the Group is required to make significant judgements or assumptions in applying an accounting policy, and the Group discloses those judgements or assumptions; or
- e) The accounting is complex and users of the financial statements would otherwise not understand those material transactions, other events or conditions.

2) Amendments to IAS 8 “Definition of Accounting Estimates”

The Group applied the amendments since January 1, 2023. The Group defines accounting estimates as monetary amounts in financial statements that are subject to measurement uncertainty. In applying accounting policies, the Group may be required to measure items at monetary amounts that cannot be observed directly and must instead be estimated. In such a case, the Group uses measurement techniques and inputs to develop accounting estimates to achieve the objective. The effects on an accounting estimate of a change in a measurement technique or a change in an input are changes in accounting estimates unless they result from the correction of prior period errors.

3) Amendments to IAS 12 “Deferred Tax related to Assets and Liabilities arising from a Single Transaction”

The amendments clarify that the initial recognition exemption under IAS 12 does not apply to transactions in which equal taxable and deductible temporary differences arise on initial recognition. The Group applied the amendments and recognized a deferred tax asset (to the extent that it is probable that taxable profit will be available against which the deductible temporary difference can be utilized) and a deferred tax liability for all deductible and taxable temporary differences associated with leases and decommissioning obligations on January 1, 2022. The Group shall apply the amendments prospectively to transactions other than leases and decommissioning obligations that occur on or after January 1, 2022.

- b. The IFRSs issued by International Accounting Standards Board (IASB) but not yet endorsed and issued into effect by the FSC

<u>New, Revised or Amended Standards and Interpretations</u>	<u>Effective Date Announced by IASB (Note 1)</u>
Amendments to IFRS 10 and IAS 28 “Sale or Contribution of Assets between An Investor and Its Associate or Joint Venture”	To be determined by IASB
Amendments to IFRS 16 “Leases Liability in a Sale and Leaseback”	January 1, 2024 (Note 2)
Amendments to IAS 1 “Classification of Liabilities as Current or Non-current”	January 1, 2024
Amendments to IAS 1 “Non-current Liabilities with Covenants”	January 1, 2024

Note 1: Unless stated otherwise, the above New IFRSs are effective for annual reporting periods beginning on or after their respective effective dates.

Note 2: A seller-lessee shall apply the Amendments to IFRS 16 retrospectively to sale and leaseback transactions entered into after the date of initial application of IFRS 16.

Amendments to IAS 1 “Classification of Liabilities as Current or Non-current” (referred to as the “2020 amendments”) and “Non-current Liabilities with Covenants” (referred to as the “2022 amendments”)

The 2020 amendments clarify that for a liability to be classified as non-current, the Group shall assess whether it has the right at the end of the reporting period to defer settlement of the liability for at least twelve months after the reporting period. If such rights are in existence at the end of the reporting period, the liability is classified as non-current regardless of whether the Group will exercise that right.

The 2020 amendments also stipulate that, if the right to defer settlement is subject to compliance with specified conditions, the Group must comply with those conditions at the end of the reporting period even if the lender does not test compliance until a later date. The 2022 amendments further clarify that only covenants with which an entity is required to comply on or before the reporting date should affect the classification of a liability as current or non-current. Although the covenants to be complied with within twelve months after the reporting period do not affect the classification of a liability, the Group shall disclose information that enables users of financial statements to understand the risk of the Group that may have difficulty complying with the covenants and repay its liabilities within twelve months after the reporting period.

The 2020 amendments stipulate that, for the purpose of liability classification, the aforementioned settlement refers to a transfer of cash, other economic resources or the Group’s own equity instruments to the counterparty that results in the extinguishment of the liability. However, if the terms of a liability that could, at the option of the counterparty, result in its settlement by a transfer of the Group’s own equity instruments, and if such option is recognized separately as equity in accordance with IAS 32 “Financial Instruments: Presentation”, the aforementioned terms would not affect the classification of the liability.

Except for the above impact, as of the date the consolidated financial statements were authorized for issue, the Group is continuously assessing the possible impact that the application of other standards and interpretations will have on the Group’s financial position and financial performance and will disclose the relevant impact when the assessment is completed.

4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

- a. Statement of Compliance

These interim consolidated financial statements have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and IAS 34 “Interim Financial

Reporting” as endorsed and issued into effect by the FSC. Disclosure information included in these interim consolidated financial statements is less than the disclosure information required in a complete set of annual financial statements.

b. Basis of Preparation

The consolidated financial statements have been prepared on the historical cost basis except for financial instruments measured at fair value, contingent considerations assumed in business combinations and net defined benefit liabilities which are measured at the present value of the defined benefit obligation less the fair value of plan assets.

The fair value measurements, which are grouped into Levels 1 to 3 based on the degree to which the fair value measurement inputs are observable and based on the significance of the inputs to the fair value measurement in its entirety, are described as follows:

- 1) Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities;
- 2) Level 2 inputs are inputs other than quoted prices included within Level 1 that are observable for an asset or a liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices); and
- 3) Level 3 inputs are unobservable inputs for an asset or a liability.

c. Basis of Consolidation

1) Principles for preparing consolidated financial statements

The basis for the consolidated financial statements applied in these interim consolidated financial statements is consistent with those applied in the consolidated financial statements for the year ended December 31, 2022.

2) Subsidiaries included in consolidated financial statements were as follows:

Name of Investor	Name of Investee	Main Businesses	Establishment and Operating Location	Percentage of Ownership (%)		
				March 31, 2023	December 31, 2022	March 31, 2022
The Company	ASE	Engaged in the packaging and testing of semiconductors	R.O.C.	100.0	100.0	100.0
	USIINC	Holding company	R.O.C.	100.0	100.0	100.0
	SPIIL	Engaged in the assembly, testing and turnkey services of integrated circuit	R.O.C.	100.0	100.0	100.0
	ASE Social Enterprise Co., Ltd	Engaged in social services and was established in June 2022	R.O.C.	100.0	100.0	-
ASE	A.S.E. Holding Limited	Holding company	Bermuda	100.0	100.0	100.0
	J & R Holding Limited (“J&R Holding”)	Holding company	Bermuda	100.0	100.0	100.0
	Innosource Limited	Holding company	British Virgin Islands	100.0	100.0	100.0
	Omniquest Industrial Limited	Holding company	British Virgin Islands	71.0	71.0	71.0
	ASE Marketing & Service Japan Co., Ltd.	Engaged in marketing and sales services	Japan	100.0	100.0	100.0
	ASE Test, Inc.	Engaged in the testing of semiconductors	R.O.C.	100.0	100.0	100.0
	Luchu Development Corporation	Engaged in the development of real estate properties	R.O.C.	67.1	67.1	67.1
	Advanced Microelectronic Products Inc. (“AMPI”)	Engaged in the manufacturing of integrated circuit	R.O.C.	7.6	7.6	7.6
	ASE Singapore Pte. Ltd.	Engaged in the packaging and testing of semiconductors (acquired from ASE Test Limited (“ASE Test”) in November 2022)	Singapore	100.0	100.0	-

(Continued)

Name of Investor	Name of Investee	Main Businesses	Establishment and Operating Location	Percentage of Ownership (%)		
				March 31, 2023	December 31, 2022	March 31, 2022
	ASE Electronics (M) Sdn. Bhd.	Engaged in the packaging and testing of semiconductors (acquired from ASE Holdings (Singapore) Pte Ltd in November 2022)	Malaysia	100.0	100.0	-
ASE Test, Inc.	Alto Enterprises Limited	Holding company	British Virgin Islands	100.0	100.0	100.0
	Super Zone Holdings Limited	Holding company	Hong Kong	100.0	100.0	100.0
	Luchu Development Corporation	Engaged in the development of real estate properties	R.O.C.	19.0	19.0	19.0
	TLJ Intertech Inc.	Engaged in information software services	R.O.C.	60.0	60.0	60.0
	AMPI	Engaged in the manufacturing of integrated circuit	R.O.C.	43.4	43.4	43.4
A.S.E. Holding Limited	ASE Investment (Labuan) Inc.	Holding company	Malaysia	70.1	70.1	70.1
	ASE Test Limited (“ASE Test”)	Holding company	Singapore	10.2	10.2	10.2
	ASE Technology Partners, Limited	Holding company	British Cayman Islands	100.0	100.0	100.0
	Integrated Solutions Enterprise Europe (“ITGEU”)	Trading company	Belgium	100.0	100.0	100.0
J&R Holding	ASE Test	Holding company	Singapore	89.8	89.8	89.8
	Omniquest Industrial Limited	Holding company	British Virgin Islands	8.4	8.4	8.4
	J&R Industrial Inc.	Engaged in leasing equipment and investing activity	R.O.C.	100.0	100.0	100.0
	ASE Japan Co., Ltd.	Engaged in the packaging and testing of semiconductors	Japan	100.0	100.0	100.0
	ASE (U.S.) Inc.	After-sales service and sales support	U.S.A.	100.0	100.0	100.0
	Global Advanced Packaging Technology Limited (“GAPT Ltd.”)	Holding company	British Cayman Islands	100.0	100.0	100.0
Innosource Limited	Omniquest Industrial Limited	Holding company	British Virgin Islands	20.6	20.6	20.6
	ASE (Shanghai) Inc.	Engaged in the production of substrates	Shanghai, China	8.5	8.5	8.5
Omniquest Industrial Limited	ASE Corporation	Holding company	British Cayman Islands	100.0	100.0	100.0
Alto Enterprises Limited	ASE Investment (Kun Shan) Limited	Holding company (returned shares to ASE Assembly & Test (Shanghai) Limited through capital reduction in November 2022 and increased Alto Enterprises Limited’s percentage of ownership to 100%)	Kun Shan, China	100.0	100.0	85.9
Super Zone Holdings Limited	Advanced Semiconductor Engineering (China) Ltd.	Engaged in the packaging and testing of semiconductors, after-sale services, advisory and lease of factory	Shanghai, China	100.0	100.0	100.0
ASE Investment (Labuan) Inc.	ASE (Korea) Inc.	Engaged in the packaging and testing of semiconductors	Korea	100.0	100.0	100.0
ASE Technology Partners, Limited	ASE Technology Acquisition Corporation	Holding company	British Cayman Islands	100.0	100.0	100.0
ASE Test	ASE Test Holdings, Ltd.	Holding company	British Cayman Islands	100.0	100.0	100.0
	ASE Holdings (Singapore) Pte Ltd	Holding company	Singapore	100.0	100.0	100.0
	ASE Investment (Labuan) Inc.	Holding company	Malaysia	29.9	29.9	29.9
	ASE Singapore Pte. Ltd.	Engaged in the packaging and testing of semiconductors (disposed to ASE in November 2022)	Singapore	-	-	100.0
ASE Test Holdings, Ltd.	ISE Labs, Inc.	Engaged in the testing of semiconductors	U.S.A.	100.0	100.0	100.0
ISE Labs, Inc.	ISE Services, Inc.	Engaged in wafer procurement and customer product management services	U.S.A.	100.0	100.0	100.0
ASE Holdings (Singapore) Pte Ltd	ASE Electronics (M) Sdn. Bhd.	Engaged in the packaging and testing of semiconductors (disposed to ASE in November 2022)	Malaysia	-	-	100.0
Global Advanced Packaging Technology Limited	ASE Assembly & Test (Shanghai) Limited	Engaged in the packaging and testing of semiconductors	Shanghai, China	100.0	100.0	100.0

(Continued)

Name of Investor	Name of Investee	Main Businesses	Establishment and Operating Location	Percentage of Ownership (%)		
				March 31, 2023	December 31, 2022	March 31, 2022
ASE Assembly & Test (Shanghai) Limited	ASE Investment (Kun Shan) Limited	Holding company (reduced capital to ASE Assembly & Test (Shanghai) Limited in November 2022 and increased Alto Enterprises Limited's percentage of ownership to 100%)	Kun Shan, China	-	-	14.1
DH	Wuxi Tongzhi Microelectronics Co., Ltd.	Engaged in the packaging and testing of semiconductors	Wuxi, China	100.0	100.0	100.0
	ISE Labs, China, Ltd.	Engaged in the testing of semiconductor	Shanghai, China	100.0	100.0	100.0
	Shanghai Ding Hui Real Estate Development Co., Ltd. ("DH")	Engaged in the development, construction and sale of real estate properties	Shanghai, China	60.0	60.0	60.0
	Shanghai Ding Qi Property Management Co., Ltd.	Engaged in the management of real estate properties	Shanghai, China	100.0	100.0	100.0
	Shanghai Ding Wei Real Estate Development Co., Ltd. ("DW")	Engaged in the development, construction and leasing of real estate properties	Shanghai, China	100.0	100.0	100.0
	Shanghai Ding Yu Real Estate Development Co., Ltd.	Engaged in the development, construction and leasing of real estate properties	Shanghai, China	100.0	100.0	100.0
	Kun Shan Ding Hong Real Estate Development Co., Ltd	Engaged in the development, construction and leasing of real estate properties	Kun Shan, China	100.0	100.0	100.0
	Shanghai Ding Xu Property Management Co., Ltd.	Engaged in the management of real estate properties	Shanghai, China	100.0	100.0	100.0
	Shanghai Dingyao Estate Development Co., Ltd.	Engaged in property management.	Shanghai, China	100.0	100.0	100.0
	Shanghai Ding Fan Business Management Co., Ltd.	Commercial complex management services and department store trading	Shanghai, China	100.0	100.0	100.0
ASE Corporation	ASE Mauritius Inc.	Holding company	Mauritius	100.0	100.0	100.0
ASE Mauritius Inc.	ASE Labuan Inc.	Holding company	Malaysia	100.0	100.0	100.0
	ASE (Shanghai) Inc.	Engaged in the production of substrates	Shanghai, China	91.5	91.5	91.5
ASE Labuan Inc.	ASE Electronics Inc.	Engaged in the production of substrates	R.O.C.	100.0	100.0	100.0
ASE (Shanghai) Inc.	Advanced Semiconductor Engineering (HK) Limited	Engaged in the trading of substrates	Hong Kong	100.0	100.0	100.0
	Shanghai Ding Hui Real Estate Development Co., Ltd.	Engaged in the development, construction and sale of real estate properties	Shanghai, China	40.0	40.0	40.0
	Universal Scientific Industrial (Shanghai) Co., Ltd. ("USISH")	Engaged in the designing, manufacturing and sales of electronic components	Shanghai, China	0.8	0.8	0.8
USIINC	Huntington Holdings International Co., Ltd.	Holding company	British Virgin Islands	100.0	100.0	100.0
Huntington Holdings International Co., Ltd.	Unitech Holdings International Co., Ltd.	Holding company	British Virgin Islands	100.0	100.0	100.0
	Real Tech Holdings Limited	Holding company	British Virgin Islands	100.0	100.0	100.0
	Universal ABIT Holding Co., Ltd.	In the process of liquidation	British Cayman Islands	100.0	100.0	100.0
Real Tech Holdings Limited	USI Enterprise Limited ("USIE")	Engaged in the service of investment advisory and warehousing management	Hong Kong	100.0	100.0	100.0
USIE	USISH	Engaged in the designing, manufacturing and sales of electronic components	Shanghai, China	77.1	77.2	77.1
USISH	Universal Global Technology Co., Limited	Holding company	Hong Kong	100.0	100.0	100.0
	Universal Global Technology (Kunshan) Co., Ltd. ("UGKS")	Engaged in the designing and manufacturing of electronic components	Kun Shan, China	100.0	100.0	100.0
	Universal Global Technology (Shanghai) Co., Ltd.	Engaged in the processing and sales of computer and communication peripherals as well as business in import and export of goods and technology	Shanghai, China	100.0	100.0	100.0
	Universal Global Electronics (Shanghai) Co., Ltd.	Engaged in the sales of electronic components and telecommunications equipment	Shanghai, China	100.0	100.0	100.0

(Continued)

Name of Investor	Name of Investee	Main Businesses	Establishment and Operating Location	Percentage of Ownership (%)		
				March 31, 2023	December 31, 2022	March 31, 2022
Universal Global Technology Co., Limited	USI Electronics (Shenzhen) Co., Ltd.	Engaged in the design, manufacturing and sales of motherboards and computer peripherals	Shenzhen, China	50.0	50.0	50.0
	Huanrong Electronics (Huizhou) Co., Ltd.	Engaged in the research and manufacturing of new electronic applications, communications, computers and other electronics products and also provided auxiliary technical services as well as import and export services	Huizhou, China	100.0	100.0	100.0
	FINANCIERE AFG ("FAFG")	Holding company	France	10.4	10.4	10.4
	Universal Global Industrial Co., Limited	Engaged in manufacturing, trading and investing activity	Hong Kong	100.0	100.0	100.0
	Universal Global Scientific Industrial Co., Ltd. ("UGTW")	Engaged in the manufacturing of components of telecommunication and cars and provision of related R&D services	R.O.C.	100.0	100.0	100.0
	USI America Inc.	Engaged in the manufacturing and processing of motherboards and wireless network communication and provision of related technical service	U.S.A.	100.0	100.0	100.0
	Universal Scientific Industrial De Mexico S.A. De C.V.	Engaged in the assembling of motherboards and computer components	Mexico	100.0	100.0	100.0
	USI Japan Co., Ltd.	Engaged in the manufacturing and sales of computer peripherals, integrated chip and other related accessories	Japan	100.0	100.0	100.0
	USI Electronics (Shenzhen) Co., Ltd.	Engaged in the design, manufacturing and sales of motherboards and computer peripherals	Shenzhen, China	50.0	50.0	50.0
	Universal Global Electronics Co., Ltd.	Engaged in accepting and outsourcing orders as well as sales of electronic components and service of technical advisory	Hong Kong	100.0	100.0	100.0
Universal Global Industrial Co., Limited	Universal Scientific Industrial (France) ("USIFR")	Engaged in investing activities	France	100.0	100.0	100.0
	Universal Scientific Industrial Vietnam Company Limited	Engaged in IC assembly for wearable devices.	Vietnam	100.0	100.0	100.0
	Universal Scientific Industrial De Mexico S.A. De C.V.	Engaged in the assembling of motherboards and computer components	Mexico	(Note1)	(Note1)	(Note1)
	UGTW	Universal Scientific Industrial Co., Ltd. ("USI")	Engaged in the manufacturing, processing and sales of computers, computer peripherals and related accessories	R.O.C.	100.0	100.0
Universal Global Electronics Co., Ltd.	Universal Scientific Industrial Poland Sp. z o.o. ("USIPL")	Engaged in the design and manufacturing of electronic components and new electronic applications.	Poland	100.0	100.0	100.0
Universal Global Electronics (Shanghai) Co., Ltd.	USI Science and Technology (Shenzhen) Co., Ltd.	Engaged in the design of electronic components, service of technical advisory; wholesale of electronic components and communication peripherals as well as business in import and export of goods and management of properties.	Shenzhen, China	100.0	100.0	100.0
Universal Scientific Industrial (France) FAFG	FAFG	Holding company	France	89.6	89.6	89.6
	MANUFACTURING POWER TUNISIA	Engaged in the design and manufacturing of electronic components (acquired from ASTEELFLASH GROUP in January 2022)	Tunisia	100.0	100.0	100.0
	ASTEELFLASH MEXICO S.A. de C.V.	Engaged in the design and manufacturing of electronic components (acquired from ASTEELFLASH GROUP in January 2022)	Mexico	100.0	100.0	100.0

(Continued)

Name of Investor	Name of Investee	Main Businesses	Establishment and Operating Location	Percentage of Ownership (%)		
				March 31, 2023	December 31, 2022	March 31, 2022
	ASTEELFLASH (BEDFORD) LIMITED	Engaged in the design and manufacturing of electronic components (acquired from ASTEELFLASH GROUP in January 2022)	United Kingdom	100.0	100.0	100.0
	ASTEELFLASH FRANCE	Engaged in the design and manufacturing of electronic components (acquired from ASTEELFLASH GROUP in January 2022)	France	99.9	99.9	99.9
	ASTEELFLASH TUNISIE S.A.	Engaged in the design and manufacturing of electronic components (acquired from ASTEELFLASH GROUP in January 2022)	Tunisia	100.0	100.0	100.0
	ASTEELFLASH HONG KONG LIMITED	Holding company (acquired from ASTEELFLASH GROUP in January 2022)	Hong Kong	100.0	100.0	100.0
	ASTEELFLASH GERMANY GmbH	Engaged in the design and manufacturing of electronic components (acquired from ASTEELFLASH GROUP in January 2022)	Germany	100.0	100.0	100.0
	ASTEELFLASH US HOLDING CORP.	Holding company (acquired from ASTEELFLASH GROUP in January 2022)	U.S.A.	100.0	100.0	100.0
	AFERH TUNISIE	Engaged in the management, training and consulting of human resources (acquired from ASTEELFLASH GROUP in January 2022)	Tunisia	0.5	0.5	0.5
	ASTEEL ELECTRONICS MANUFACTURING SERVICES	Engaged in the design and manufacturing of electronic components (acquired from ASTEELFLASH GROUP in January 2022)	Tunisia	0.1	0.1	0.1
	ASTEELFLASH PLZEN S.R.O.	Engaged in the design and manufacturing of electronic components (acquired from ASTEELFLASH GROUP in January 2022)	Czech Republic	100.0	100.0	100.0
ASTEELFLASH (BEDFORD) LIMITED	ASTEELFLASH TUNISIE S.A.	Engaged in the design and manufacturing of electronic components	Tunisia	(Note1)	(Note1)	(Note1)
ASTEELFLASH TECHNOLOGIE	ASTEELFLASH FRANCE	Engaged in the design and manufacturing of electronic components	France	(Note1)	(Note1)	(Note1)
ASTEELFLASH FRANCE	ASTEEL ELECTRONICS MANUFACTURING SERVICES	Engaged in the design and manufacturing of electronic components	Tunisia	99.9	99.9	99.9
	ASTEELFLASH TECHNOLOGIE	Engaged in projection of plastic and the design and manufacturing of industrial components	France	100.0	100.0	100.0
	ASTEELFLASH BRETAGNE	Engaged in the design and manufacturing of electronic components	France	100.0	100.0	100.0
	ASTEELFLASH TUNISIE S.A.	Engaged in the design and manufacturing of electronic components	Tunisia	(Note1)	(Note1)	(Note1)
	AFERH TUNISIE	Engaged in the management, training and consulting of human resources	Tunisia	99.5	99.5	99.5
ASTEELFLASH HONG KONG LIMITED	ASTEELFLASH SUZHOU CO., LTD.	Engaged in the design and manufacturing of electronic components	Suzhou, China	100.0	100.0	100.0
ASTEELFLASH SUZHOU CO., LTD	ASTEELFLASH TUNISIE S.A.	Engaged in the design and manufacturing of electronic components	Tunisia	(Note1)	(Note1)	(Note1)
ASTEELFLASH GERMANY GmbH	ASTEELFLASH HERSFELD GmbH	Engaged in the design and manufacturing of electronic components	Germany	100.0	100.0	100.0
	ASTEELFLASH EBERBACH GmbH	Engaged in the design and manufacturing of electronic components	Germany	100.0	100.0	100.0
	ASTEELFLASH BONN GmbH	Engaged in the design and manufacturing of electronic components	Germany	100.0	100.0	100.0

(Continued)

Name of Investor	Name of Investee	Main Businesses	Establishment and Operating Location	Percentage of Ownership (%)		
				March 31, 2023	December 31, 2022	March 31, 2022
	ASTEELFLASH SCHWANDORF GmbH	Engaged in the design and manufacturing of electronic components	Germany	100.0	100.0	100.0
	ASTEELFLASH DESIGN SOLUTIONS HAMBOURG GmbH	Engaged in the design and manufacturing of electronic components	Germany	100.0	100.0	100.0
	EN ELECTRONICNETWORK SRL	Engaged in the design and manufacturing of electronic components	Romania	100.0	100.0	100.0
	ASTEELFLASH TUNISIE S.A.	Engaged in the design and manufacturing of electronic components	Tunisia	(Note1)	(Note1)	(Note1)
ASTEELFLASH MEXICO S.A. de C.V.	ASTEELFLASH TUNISIE S.A.	Engaged in the design and manufacturing of electronic components	Tunisia	(Note1)	(Note1)	(Note1)
ASTEELFLASH US HOLDING CORP.	ASTEELFLASH USA CORP.	Engaged in the design and manufacturing of electronic components	U.S.A.	100.0	100.0	100.0
	ASTEELFLASH TUNISIE S.A.	Engaged in the design and manufacturing of electronic components	Tunisia	(Note1)	(Note1)	(Note1)
SPIIL	SPIIL (B.V.I.) Holding Limited	Engaged in investing activities	British Virgin Islands	100.0	100.0	100.0
SPIIL (B.V.I.) Holding Limited	Siliconware USA, Inc.	Engaged in marketing activities	U.S.A.	100.0	100.0	100.0
	SPIIL (Cayman) Holding Limited	Engaged in investing activities	British Cayman Islands	100.0	100.0	100.0
SPIIL (Cayman) Holding Limited	Siliconware Technology (Suzhou) Limited	Engaged in the packaging and testing of semiconductors	Suzhou, China	100.0	100.0	100.0

(Concluded)

Note 1: The number of shares held was 1 share or 3 shares and the percentage of ownership was less than 0.1%

d. Other significant accounting policies

Except for the following, please refer to the consolidated financial statements for the year ended December 31, 2022.

1) Retirement benefits

Pension cost for an interim period is calculated on a year-to-date basis by using the actuarially determined pension cost rate at the end of the prior financial year, adjusted for significant market fluctuations since that time and for significant plan amendments, settlements, or other significant one-off events.

2) Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax. Interim period income taxes are assessed on an annual basis and calculated by applying to an interim period's pre-tax income the tax rate that would be applicable to expected total annual earnings.

5. CRITICAL ACCOUNTING JUDGMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

In the application of the Group's accounting policies, management is required to make judgments, estimates, and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and underlying assumptions are based on historical experience and other factors that are considered relevant. Actual results may differ from these estimates.

The Group considers the recent development of the COVID-19 in R.O.C. and its economic environment implications when making its critical accounting estimates in cash flow projections, growth rate, discount rate, profitability, etc. The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised if the revisions affects only that period or in the period of the revisions and future periods if the revisions affect both current and future periods.

6. CASH AND CASH EQUIVALENTS

	March 31, 2023	December 31, 2022	March 31, 2022
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Cash on hand	\$ 5,697	\$ 5,989	\$ 5,901
Checking accounts and demand deposits	51,290,874	47,632,415	47,547,624
Cash equivalents (time deposits with original maturity of less than three months and repurchase agreements collateralized by bonds)	<u>10,759,559</u>	<u>10,401,990</u>	<u>36,872,309</u>
	<u>\$ 62,056,130</u>	<u>\$ 58,040,394</u>	<u>\$ 84,425,834</u>

Cash equivalents include time deposits and repurchase agreements collateralized by bond that are of a short maturity of three months or less from the date of acquisitions, and are highly liquid, readily convertible to known amounts in cash and the risk of changes in values is insignificant. Cash equivalents are held for the purpose of meeting short-term cash commitments rather than for investments or other purposes.

7. FINANCIAL INSTRUMENTS AT FAIR VALUE THROUGH PROFIT OR LOSS (FVTPL)

	March 31, 2023	December 31, 2022	March 31, 2022
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
<u>Financial assets mandatorily classified as at FVTPL</u>			
Derivative instruments (non-designated hedges)			
Swap contracts	\$ 1,585,142	\$ 3,205,828	\$ 1,499,504
Forward exchange contracts	143,779	246,710	155,558
Target redemption forward contracts	-	-	176
Non-derivative financial assets			
Quoted shares	2,590,659	2,521,964	2,845,358
Private-placement funds	1,612,937	1,599,932	1,577,596
Unquoted shares	617,216	628,156	630,537
Contingent considerations	434,466	438,176	408,427
Open-end mutual funds	<u>294,459</u>	<u>293,385</u>	<u>316,846</u>
	7,332,658	8,934,151	7,434,002
Current	<u>5,336,005</u>	<u>6,825,157</u>	<u>4,543,115</u>
Non-current	<u>\$ 1,996,653</u>	<u>\$ 2,108,994</u>	<u>\$ 2,890,887</u>

(Continued)

	March 31, 2023	December 31, 2022	March 31, 2022
	NT\$	NT\$	NT\$
<u>Financial liabilities held for trading - current</u>			
Derivative instruments (non-designated hedges)			
Swap contracts	\$ 522,629	\$ 543,547	\$ 338,397
Forward exchange contracts	44,218	83,213	139,330
Call option and put option of convertible bonds	-	-	10,209
	<u>566,847</u>	<u>626,760</u>	<u>487,936</u>
Current	<u>566,847</u>	<u>626,760</u>	<u>477,727</u>
Non-current	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 10,209</u>
			(Concluded)

At each balance sheet date, the outstanding swap contracts not accounted for hedge accounting were as follows:

Currency	Maturity Period	Notional Amount (In Thousands)
<u>March 31, 2023</u>		
Sell RMB/Buy US\$	2023.04	RMB1,350,146/US\$196,000
Sell JPY/Buy US\$	2023.06	JPY385,320/US\$3,000
Sell NT\$/Buy US\$	2023.04-2024.03	NT\$80,212,927/US\$2,720,000
Sell US\$/Buy KRW	2023.04	US\$27,000/KRW34,846,200
Sell US\$/Buy NT\$	2023.04-2023.05	US\$506,080/NT\$15,415,174
<u>December 31, 2022</u>		
Sell RMB/Buy US\$	2023.01	RMB2,436,980/US\$350,000
Sell NT\$/Buy US\$	2023.01-2023.12	NT\$78,424,577/US\$2,690,000
Sell US\$/Buy KRW	2023.01	US\$42,000/KRW54,152,400
Sell US\$/Buy NT\$	2023.01	US\$530,320/NT\$16,220,105
<u>March 31, 2022</u>		
Sell RMB/Buy US\$	2022.04	RMB2,613,674/US\$409,000
Sell NT\$/Buy US\$	2022.04-2023.03	NT\$57,312,038/US\$2,064,200
Sell US\$/Buy RMB	2022.05	US\$54,812/RMB349,800
Sell US\$/Buy JPY	2022.04-2022.05	US\$9,503/JPY1,100,000
Sell US\$/Buy KRW	2022.04	US\$24,000/KRW29,366,400
Sell US\$/Buy NT\$	2022.04-2022.05	US\$594,710/NT\$16,760,809

At each balance sheet date, the outstanding forward exchange contracts not accounted for hedge accounting were as follows:

Currency	Maturity Period	Notional Amount (In Thousands)
<u>March 31, 2023</u>		
Sell RMB/Buy JPY	2023.04	RMB10,938/JPY210,000
Sell RMB/Buy NT\$	2023.04-2023.05	RMB8,070/NT\$35,506
Sell RMB/Buy US\$	2023.04	RMB481,243/US\$69,983
Sell NT\$/Buy US\$	2023.04-2023.06	NT\$3,615,100/US\$120,000
Sell US\$/Buy RMB	2023.04	US\$265,000/RMB1,822,222
Sell US\$/Buy EUR	2023.04-2023.10	US\$13,723/EUR13,410
Sell US\$/Buy JPY	2023.04-2023.05	US\$60,984/JPY8,102,948
Sell US\$/Buy MYR	2023.04-2023.06	US\$23,500/MYR102,906
Sell US\$/Buy NT\$	2023.04-2023.05	US\$66,058/NT\$1,988,257
Sell US\$/Buy PLN	2023.04-2023.12	US\$9,000/PLN46,024
Sell US\$/Buy SGD	2023.04-2023.05	US\$7,400/SGD9,928
<u>December 31, 2022</u>		
Sell RMB/Buy JPY	2023.01	RMB42,181/JPY810,000
Sell RMB/Buy NT\$	2023.01-2023.02	RMB7,000/NT\$30,722
Sell RMB/Buy US\$	2023.01-2023.02	RMB1,081,934/US\$155,418
Sell EUR/Buy JPY	2023.01	EUR697/JPY100,000
Sell NT\$/Buy US\$	2023.01-2023.03	NT\$4,010,015/US\$130,000
Sell US\$/Buy RMB	2023.01-2023.03	US\$368,500/RMB2,579,155
Sell US\$/Buy EUR	2023.01-2023.10	US\$14,668/EUR14,640
Sell US\$/Buy JPY	2023.01	US\$63,743/JPY8,485,493
Sell US\$/Buy KRW	2023.01	US\$2,000/KRW2,534,800
Sell US\$/Buy MYR	2023.01-2023.03	US\$25,000/MYR112,639
Sell US\$/Buy NT\$	2023.01-2023.03	US\$125,410/NT\$3,830,145
Sell US\$/Buy PLN	2023.01-2023.12	US\$12,000/PLN61,129
Sell US\$/Buy SGD	2023.01-2023.02	US\$16,600/SGD22,783
<u>March 31, 2022</u>		
Sell RMB/Buy JPY	2022.04	RMB31,549/JPY600,000
Sell RMB/Buy US\$	2022.04-2022.06	RMB766,326/US\$120,215
Sell NT\$/Buy US\$	2022.04-2023.01	NT\$4,160,210/US\$150,000
Sell US\$/Buy RMB	2022.04-2022.08	US\$320,000/RMB2,042,055
Sell US\$/Buy EUR	2022.04	US\$597/EUR543
Sell US\$/Buy JPY	2022.04-2022.06	US\$100,061/JPY11,684,755
Sell US\$/Buy KRW	2022.04	US\$4,000/KRW4,891,200
Sell US\$/Buy MYR	2022.04-2022.06	US\$12,000/MYR50,407
Sell US\$/Buy NT\$	2022.04	US\$26,000/NT\$742,700
Sell US\$/Buy SGD	2022.04-2022.06	US\$13,800/SGD18,652

At each balance sheet date, outstanding target redemption forward contracts not accounted for hedge accounting were as follows:

Currency	Maturity Period	Notional Amount (In Thousands)
<u>March 31, 2022</u>		
Sell EUR/Buy US\$	2022.04	EUR174/US\$200

The target redeemable forward contracts held by subsidiaries are weekly settled. If the market exchange rate is lower than the execution rate at the time of settlement, the contract will be settled at the nominal amount, whereas if the market exchange rate is higher than the execution rate, the contract will be settled at leveraged nominal amount (twice the nominal amount). The contracts last until all the nominal amount of US\$ position is fully settled. However, when the accumulated excess of the execution rates over the market exchange rates reach the agreed threshold after the weekly settlement, the contracts will be automatically early terminated.

8. FINANCIAL ASSETS AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME (FVTOCI)

	<u>March 31, 2023</u> NT\$	<u>December 31, 2022</u> NT\$	<u>March 31, 2022</u> NT\$
Investments in equity instruments at FVTOCI	\$ 528,278	\$ 482,559	\$ 874,988
Investments in debt instruments at FVTOCI	<u>1,055,463</u>	<u>1,059,712</u>	<u>1,072,173</u>
	<u>\$ 1,583,741</u>	<u>\$ 1,542,271</u>	<u>\$ 1,947,161</u>

a. Investments in equity instruments at FVTOCI

	<u>March 31, 2023</u> NT\$	<u>December 31, 2022</u> NT\$	<u>March 31, 2022</u> NT\$
Unquoted ordinary shares	\$ 466,181	\$ 419,491	\$ 775,831
Quoted ordinary shares	47,476	45,683	76,019
Unquoted preferred shares	14,030	13,883	13,534
Limited partnership	<u>591</u>	<u>3,502</u>	<u>9,604</u>
	<u>\$ 528,278</u>	<u>\$ 482,559</u>	<u>\$ 874,988</u>

b. Investments in debt instruments at FVTOCI

	<u>March 31, 2023</u> NT\$	<u>December 31, 2022</u> NT\$	<u>March 31, 2022</u> NT\$
Unsecured subordinate corporate bonds	<u>\$ 1,055,463</u>	<u>\$ 1,059,712</u>	<u>\$ 1,072,173</u>

The Group purchased 1,000 units of the abovementioned perpetual unsecured subordinate corporate bonds at par value of NT\$1,000 thousand with annual interest rate at 3.5% and effective interest rate at 3.2%.

9. CREDIT RISK MANAGEMENT FOR INVESTMENTS IN DEBT INSTRUMENTS

The Group's investment in unsecured subordinate corporate bonds is rated the equivalent of investment grade or higher and has low credit risk for impairment assessment.

There was no significant increase in credit risk of such debt instrument since initial recognition leading to changes in interest rates and terms, and there was also no significant change in bond issuer's operation affecting the ability performing debt obligation. Therefore, no expected credit losses existed. The Group reviews changes in bond yields and other public information periodically and makes an assessment whether there has been a significant increase in lifetime Expected Credit Loss ("ECL") since initial recognition.

10. TRADE RECEIVABLES, NET

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	NT\$	NT\$	NT\$
At amortized cost			
Gross carrying amount	\$ 87,074,073	\$109,408,693	\$ 99,938,148
Less: Allowance for impairment loss	<u>227,624</u>	<u>164,408</u>	<u>101,230</u>
	86,846,449	109,244,285	99,836,918
At FVTOCI	<u>4,667,164</u>	<u>5,402,714</u>	<u>6,722,998</u>
	<u>\$ 91,513,613</u>	<u>\$114,646,999</u>	<u>\$ 106,559,916</u>

a. Trade receivables

1) At amortized cost

The Group's average credit terms granted to the customers were 30 to 90 days. The Group evaluates the risk and probability of credit loss of trade receivables by reference to the Group's past experiences, financial condition of each customer, impact of COVID-19, as well as competitive advantage and future development of the industry in which the customer operates. The Group then reviews the recoverable amount of each individual trade receivable at each balance sheet date to ensure that adequate allowance is made for possible irrecoverable amounts. In this regard, management believes the Group's credit risk was significantly reduced.

The Group measures the loss allowance for trade receivables at an amount equal to lifetime ECLs. The expected credit losses on trade receivables are estimated using a provision matrix by reference to past default experience of the debtor and an analysis of the debtor's current financial position, adjusted for general economic conditions of the industry in which the debtors operate and an assessment of both the current as well as the forecast direction of economic conditions at each balance sheet date. As the Group's historical credit loss experience shows significantly different loss patterns for different customer segments, the provision matrix for expected credit loss allowance based on trade receivables due status is further distinguished according to the Group's different customer base.

The Group writes off a trade receivable when there is information indicating that the debtor is in severe financial difficulty and there is no realistic prospect of recovery. For trade receivables that have been written off, the Group continues to engage in enforcement activity to attempt to recover the receivables due. Where recoveries are made, these are recognized in profit or loss.

The following table details the loss allowance of trade receivables based on the Group's provision matrix.

March 31, 2023

	<u>Not Past Due</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Individually</u>	<u>Total</u>
	<u>NTS</u>	<u>1 to 30 days</u>	<u>31 to 90 Days</u>	<u>Over 91 Days</u>	<u>Impaired</u>	<u>NTS</u>
		<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	
Expected credit loss rate	0%	0%-10%	0%-70%	1%-100%	0%-100%	
Gross carrying amount	\$ 81,356,312	\$ 3,683,714	\$ 1,655,976	\$ 268,277	\$ 109,794	\$ 87,074,073
Loss allowance (Lifetime ECLs)	<u>(22,091)</u>	<u>(635)</u>	<u>(26,083)</u>	<u>(119,942)</u>	<u>(58,873)</u>	<u>(227,624)</u>
	<u>\$ 81,334,221</u>	<u>\$ 3,683,079</u>	<u>\$ 1,629,893</u>	<u>\$ 148,335</u>	<u>\$ 50,921</u>	<u>\$ 86,846,449</u>

December 31, 2022

	<u>Not Past Due</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Individually</u>	<u>Total</u>
	<u>NTS</u>	<u>1 to 30 days</u>	<u>31 to 90 Days</u>	<u>Over 91 Days</u>	<u>Impaired</u>	<u>NTS</u>
		<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	
Expected credit loss rate	0%	0%-10%	0%-70%	1%-100%	0%-100%	
Gross carrying amount	\$ 102,857,157	\$ 4,765,548	\$ 1,413,656	\$ 294,937	\$ 77,395	\$ 109,408,693
Loss allowance (Lifetime ECLs)	<u>(20,445)</u>	<u>(1,778)</u>	<u>(47,752)</u>	<u>(70,133)</u>	<u>(24,300)</u>	<u>(164,408)</u>
	<u>\$ 102,836,712</u>	<u>\$ 4,763,770</u>	<u>\$ 1,365,904</u>	<u>\$ 224,804</u>	<u>\$ 53,095</u>	<u>\$ 109,244,285</u>

March 31, 2022

	<u>Not Past Due</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Individually</u>	<u>Total</u>
	<u>NTS</u>	<u>1 to 30 days</u>	<u>31 to 90 Days</u>	<u>Over 91 Days</u>	<u>Impaired</u>	<u>NTS</u>
		<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	
Expected credit loss rate	0%	0%-10%	0%-70%	1%-100%	0.1%-100%	
Gross carrying amount	\$ 94,914,889	\$ 3,964,102	\$ 811,520	\$ 141,902	\$ 105,735	\$ 99,938,148
Loss allowance (Lifetime ECLs)	<u>(14,306)</u>	<u>(1,270)</u>	<u>(24,090)</u>	<u>(50,389)</u>	<u>(11,175)</u>	<u>(101,230)</u>
	<u>\$ 94,900,583</u>	<u>\$ 3,962,832</u>	<u>\$ 787,430</u>	<u>\$ 91,513</u>	<u>\$ 94,560</u>	<u>\$ 99,836,918</u>

The movements of the loss allowance of trade receivables for the three months ended March 31, 2023 and 2022 were as follows:

	For the Three Months	
	Ended March 31	
	2023	2022
	NTS	NTS
Balance at January 1	\$ 164,408	\$ 103,353
Net remeasurement of loss allowance	64,737	(3,745)
Amounts written off	(2,967)	-
Effects of foreign currency exchange differences	<u>1,446</u>	<u>1,622</u>
Balance at March 31	<u>\$ 227,624</u>	<u>\$ 101,230</u>

2) At FVTOCI

For the trade receivables due from certain customers, the Group decides to factor these trade receivables to banks without recourse based on its level of working capital. These trade receivables are classified as at FVTOCI because they are held within a business model whose objective is achieved by both the collecting of contractual cash flows and the selling of financial assets.

The following table details the loss allowance of trade receivables at FVTOCI based on the Group's provision matrix.

March 31, 2023

	<u>Not Past Due</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Individually</u>	<u>Total</u>
	<u>NTS</u>	<u>1 to 30 days</u>	<u>31 to 90 Days</u>	<u>Over 91 Days</u>	<u>Impaired</u>	<u>NTS</u>
	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>
Expected credit loss rate	0%	0%	0%	0%	-	
Gross carrying amount	\$ 4,610,671	\$ 15,565	\$ 33,261	\$ 7,667	\$ -	\$ 4,667,164
Loss allowance (Lifetime ECLs)	-	-	-	-	-	-
	<u>\$ 4,610,671</u>	<u>\$ 15,565</u>	<u>\$ 33,261</u>	<u>\$ 7,667</u>	<u>\$ -</u>	<u>\$ 4,667,164</u>

December 31, 2022

	<u>Not Past Due</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Individually</u>	<u>Total</u>
	<u>NTS</u>	<u>1 to 30 days</u>	<u>31 to 90 Days</u>	<u>Over 91 Days</u>	<u>Impaired</u>	<u>NTS</u>
	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>
Expected credit loss rate	0%	0%	0%	0%	-	
Gross carrying amount	\$ 5,291,410	\$ 22,221	\$ 83,767	\$ 5,316	\$ -	\$ 5,402,714
Loss allowance (Lifetime ECLs)	-	-	-	-	-	-
	<u>\$ 5,291,410</u>	<u>\$ 22,221</u>	<u>\$ 83,767</u>	<u>\$ 5,316</u>	<u>\$ -</u>	<u>\$ 5,402,714</u>

March 31, 2022

	<u>Not Past Due</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Overdue</u>	<u>Individually</u>	<u>Total</u>
	<u>NTS</u>	<u>1 to 30 days</u>	<u>31 to 90 Days</u>	<u>Over 91 Days</u>	<u>Impaired</u>	<u>NTS</u>
	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>
Expected credit loss rate	0%	0%	0%	0%	-	
Gross carrying amount	\$ 6,643,603	\$ 26,764	\$ 43,314	\$ 9,317	\$ -	\$ 6,722,998
Loss allowance (Lifetime ECLs)	-	-	-	-	-	-
	<u>\$ 6,643,603</u>	<u>\$ 26,764</u>	<u>\$ 43,314</u>	<u>\$ 9,317</u>	<u>\$ -</u>	<u>\$ 6,722,998</u>

3) At FVTPL

Some of the Group's subsidiaries sell all of their trade receivables to banks without recourse. The sale will result in the derecognition of these trade receivables because the Group's subsidiaries will transfer substantially all risks and rewards to banks. These trade receivables are measured at FVTPL because the objective of those subsidiaries' business model is the selling of financial assets. As of March 31, 2023, the trade receivables at FVTPL were all factored to banks without recourse.

b. Transfers of financial assets

The Group's outstanding trade receivables that were transferred but not yet due were as follows:

<u>Counterparty</u>	<u>Receivables</u>	<u>Reclassified</u>	<u>Advances</u>	<u>Advances</u>	<u>Annual</u>
	<u>Factoring</u>	<u>to Other</u>	<u>Received –</u>	<u>Received –</u>	<u>Interest</u>
	<u>Proceed</u>	<u>Receivables</u>	<u>Unused</u>	<u>Used</u>	<u>Rates on</u>
	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>NTS</u>	<u>Advances</u>
					<u>Received</u>
<u>March 31, 2023</u>					
BNP Paribas	EUR 25,118	EUR 18,636	EUR 17,380	EUR 6,482	0.80%

(Continued)

Counterparty	Receivables Factoring Proceed	Reclassified to Other Receivables	Advances Received – Unused	Advances Received – Used	Annual Interest Rates on Advances Received
	NT\$	NT\$	NT\$	NT\$	
<u>December 31, 2022</u>					
BNP Paribas	EUR 23,600	EUR 18,283	EUR 17,103	EUR 5,317	0.80%
<u>March 31, 2022</u>					
BNP Paribas	EUR 14,688	EUR 13,156	EUR 12,421	EUR 1,532	0.80% (Concluded)

Pursuant to the factoring agreements, losses from commercial disputes (such as sales returns and discounts) are borne by the Group, while losses from credit risk are borne by banks. As of March 31, 2022, the Group issued promissory notes with aggregate amounts of US\$2,000 thousand to Citibank Taiwan Ltd. to compensate losses from commercial disputes. As of the date on which the consolidated financial statements were authorized by the board of directors, the Group did not have material commercial dispute and also expected to have no material commercial dispute in the foreseeable future.

11. INVENTORIES

	March 31, 2023	December 31, 2022	March 31, 2022
	NT\$	NT\$	NT\$
Finished goods	\$ 9,824,591	\$ 12,628,314	\$ 10,436,729
Work in process	8,997,542	8,821,890	8,850,559
Raw materials	57,166,603	61,672,903	56,778,008
Supplies	3,160,809	3,344,968	3,645,125
Raw materials and supplies in transit	<u>1,004,021</u>	<u>869,400</u>	<u>936,483</u>
	<u>\$ 80,153,566</u>	<u>\$ 87,337,475</u>	<u>\$ 80,646,904</u>

The cost of inventories recognized as operating costs for the three months ended March 31, 2023 and 2022 were NT\$111,120,481 thousand and NT\$115,493,058 thousand, respectively, which included write-downs of inventories at NT\$1,033,564 thousand and NT\$346,239 thousand, respectively.

12. INVENTORIES RELATED TO REAL ESTATE BUSINESS

	March 31, 2023	December 31, 2022	March 31, 2022
	NT\$	NT\$	NT\$
Land and buildings held for sale	\$ 681,429	\$ 678,080	\$ 693,414
Construction in progress	3,044,391	3,023,070	3,073,304
Land held for construction	<u>1,787,526</u>	<u>1,787,526</u>	<u>1,787,526</u>
	<u>\$ 5,513,346</u>	<u>\$ 5,488,676</u>	<u>\$ 5,554,244</u>

Construction in progress is mainly located on Lidu Road in Kun Shan, China. The capitalized borrowing costs for the three months ended March 31, 2023 and 2022 are disclosed in Note 25.

As of March 31, 2023, December 31, 2022 and March 31, 2022, inventories related to real estate business of NT\$5,513,346 thousand, NT\$5,488,676 thousand and NT\$5,554,244 thousand, respectively, are expected to be recovered longer than twelve months.

Refer to Note 34 for the carrying amount of inventories related to real estate business that had been pledged by the Group to secure bank borrowings.

13. OTHER FINANCIAL ASSETS

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	NT\$	NT\$	NT\$
Guarantee deposits	\$ 5,396,784	\$ 4,606,790	\$ 1,015,119
Pledged time deposits (Note 34)	467,523	447,459	415,561
Time deposits with original maturity over three months	101,598	63,853	84,401
Others (Note 34)	<u>61,226</u>	<u>60,422</u>	<u>69,713</u>
	6,027,131	5,178,524	1,584,794
Current	<u>980,964</u>	<u>734,465</u>	<u>154,889</u>
Non-current	<u>\$ 5,046,167</u>	<u>\$ 4,444,059</u>	<u>\$ 1,429,905</u>

14. INVESTMENTS ACCOUNTED FOR USING THE EQUITY METHOD

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	NT\$	NT\$	NT\$
Investments in associates	\$ 15,700,786	\$ 14,298,331	\$ 16,409,721
Investments in joint ventures	<u>24,250</u>	<u>515,351</u>	<u>523,958</u>
	<u>\$ 15,725,036</u>	<u>\$ 14,813,682</u>	<u>\$ 16,933,679</u>

a. Investments in associates

- 1) Investments in associates accounted for using the equity method that was not individually material consisted of the following:

Name of Associate	Main Business	Operating Location	Carrying Amount		
			<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
			NT\$	NT\$	NT\$
Yann Yuan Investment Co., Ltd. ("Yann Yuan")	Engaged in investing activities	R.O.C.	\$ 8,789,309	\$ 7,616,780	\$ 9,509,612
ChipMOS Technologies Inc. ("ChipMOS")	Engaged in the packaging and testing of semiconductors	R.O.C.	2,793,301	2,754,679	2,878,927
M-Universe Investments Pte. Ltd. ("MU")	Investment company	Singapore	2,073,049	2,090,663	1,959,703
Hung Ching Development & Construction Co. ("HC")	Engaged in the development, construction and leasing of real estate properties	R.O.C.	1,799,971	1,603,973	1,839,752
Hung Ching Kwan Co. ("HCK")	Engaged in the leasing of real estate properties	R.O.C.	243,045	244,516	255,670

(Continued)

Name of Associate	Main Business	Operating Location	Carrying Amount		
			March 31, 2023	December 31, 2022	March 31, 2022
			NT\$	NT\$	NT\$
Chipletz, Inc. ("CHIPLETZ")	Fabless substrate design house	U.S.A.	148,277	145,640	213,037
Questyle Audio Engineering Co., Ltd. ("QUESTYLE")	Engaged in the research and development on technology and sales of electronic products, digital products, audio equipment and spare parts, domestic trading, import and export business.	China	85,729	88,189	-
Deca Technologies, Inc. ("DECA")	Holding company with group engaged in the development of wafer level packaging and interconnect technology	U.S.A.	53,554	54,040	53,169
Goodcare Holdings Inc. ("Goodcare")	Holding company, engaged in operation investment, long-term care and home services business	R.O.C.	14,700	-	-
			16,000,935	14,598,480	16,709,870
	Less: Deferred gain on transfer of land		300,149	300,149	300,149
			<u>\$ 15,700,786</u>	<u>\$ 14,298,331</u>	<u>\$ 16,409,721</u>

(Concluded)

- 2) At each balance sheet date, the total percentages of ownership held by the Group's subsidiaries were as follows:

	March 31, 2023	December 31, 2022	March 31, 2022
Yann Yuan	27.94%	27.94%	29.45%
ChipMOS	10.85%	10.85%	10.85%
MU	42.23%	42.23%	42.23%
HC	26.22%	26.22%	26.22%
HCK	27.31%	27.31%	27.31%
CHIPLETZ	20.82%	20.82%	20.82%
QUESTYLE	6.67%	6.67%	-
DECA	17.85%	17.85%	17.85%
Goodcare	49.00%	-	-

- 3) In June 2022, the Group's subsidiary, SPIL, subscribed for additional new shares of Yann Yuan at a percentage different from its existing ownership percentage, which led to a decrease in the Group's percentage of ownership in Yann Yuan to 27.94%.
- 4) In November 2022, the Group's subsidiary, USISH, invested RMB20,000 thousand to obtain 6.67% ownership of QUESTYLE. The Group considered it has significant influence over QUESTYLE since it involves in making significant decisions by participating in QUESTYLE's board meeting.
- 5) In March 2023, the Group's subsidiary, ASESOCIAL, acquired 49.00% ownership of Goodcare and obtained significant influence over Goodcare.
- 6) Fair values (Level 1) of investments in associates with available published price quotation are summarized as follows:

	March 31, 2023	December 31, 2022	March 31, 2022
	NT\$	NT\$	NT\$
ChipMOS	<u>\$ 3,026,213</u>	<u>\$ 2,643,498</u>	<u>\$ 4,055,994</u>
HC	<u>\$ 1,523,581</u>	<u>\$ 1,420,636</u>	<u>\$ 2,058,893</u>

7) Aggregate information of associates that are not individually material

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
The Group's share of:		
Net income (loss)	\$ (10,109)	\$ 189,791
Other comprehensive income (loss)	<u>1,516,694</u>	<u>(676,047)</u>
Total comprehensive income (loss)	<u>\$ 1,506,585</u>	<u>\$ (486,256)</u>

b. Investments in joint ventures

1) Investments in joint ventures that were not individually material and accounted for using the equity method consisted of the following:

Name of Joint Venture	Main Business	Operating Location	Carrying Amount		
			March 31, 2023	December 31, 2022	March 31, 2022
			NT\$	NT\$	NT\$
MUtek Electronics Co., Ltd. ("MUtek")	Engaged in the production and wholesale of electronic products	R.O.C	\$ 24,250	\$ 26,591	\$ -
SUMA-USI Electronics Co., Ltd. ("SUMA-USI")	Engaged in the design and production of electronic products	China	-	488,760	523,958
			<u>\$ 24,250</u>	<u>\$ 515,351</u>	<u>\$ 523,958</u>

2) At each balance sheet date, the total percentages of ownership held by the Group's subsidiary were as follows:

	March 31, 2023	December 31, 2022	March 31, 2022
MUtek	49.00%	49.00%	-
SUMA-USI	-	49.00%	49.00%

UGTW entered into a joint venture agreement with Merry Electronics Co., Ltd. in July 2020 and established MUtek with a ownership of 49.00% in July 2022. Based on the joint venture agreement, both investors jointly lead the relevant operation activities of MUtek, which resulted in that the investment in MUtek was accounted for using the equity method.

In January 2023, UGKS entered into a shares transfer agreement with Cancon Information Industry Co., Ltd. to transfer its 49.00% ownership of SUMA-USI based on its business operation strategy. The transfer price was RMB110,880 thousand. After the completion of the shares transfer, the Group will no longer hold ownership of SUMA-USI.

3) Aggregate information of joint ventures that were not individually material

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
The Group's share of:		
Total net income (loss) and comprehensive income (loss)	<u>\$ (2,341)</u>	<u>\$ 8,662</u>

15. PROPERTY, PLANT AND EQUIPMENT

The carrying amounts of each class of property, plant and equipment were as follows:

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	NT\$	NT\$	NT\$
Land	\$ 12,999,596	\$ 13,006,893	\$ 12,815,952
Buildings and improvements	92,580,567	91,623,291	82,239,322
Machinery and equipment	138,029,395	142,129,485	130,669,977
Other equipment	3,355,616	3,401,543	3,805,057
Construction in progress and machinery under installation	<u>19,040,227</u>	<u>18,073,406</u>	<u>18,011,204</u>
	<u>\$ 266,005,401</u>	<u>\$ 268,234,618</u>	<u>\$ 247,541,512</u>

For the three months ended March 31, 2023

	<u>Land</u>	<u>Buildings and improvements</u>	<u>Machinery and equipment</u>	<u>Other equipment</u>	<u>Construction in progress and machinery under installation</u>	<u>Total</u>
	NT\$	NT\$	NT\$	NT\$	NT\$	NT\$
<u>Cost</u>						
Balance at January 1, 2023	\$ 13,006,893	\$ 172,798,699	\$ 473,494,702	\$ 14,354,608	\$ 18,073,406	\$ 691,728,308
Additions	-	18,508	669,340	53,581	9,984,286	10,725,715
Disposals	-	(383,335)	(3,057,383)	(285,540)	(6,937)	(3,733,195)
Reclassification	-	3,078,919	5,598,809	281,136	(8,977,087)	(18,223)
Effect of foreign currency exchange differences	<u>(7,297)</u>	<u>(47,198)</u>	<u>(429,381)</u>	<u>(8,062)</u>	<u>(33,441)</u>	<u>(525,379)</u>
Balance at March 31, 2023	<u>\$ 12,999,596</u>	<u>\$ 175,465,593</u>	<u>\$ 476,276,087</u>	<u>\$ 14,395,723</u>	<u>\$ 19,040,227</u>	<u>\$ 698,177,226</u>
<u>Accumulated depreciation and impairment</u>						
Balance at January 1, 2023	\$ -	\$ 81,175,408	\$ 331,365,217	\$ 10,953,065	\$ -	\$ 423,493,690
Depreciation expense	-	2,101,064	10,386,667	376,578	-	12,864,309
Impairment losses recognized	-	22,970	4,922	30	-	27,922
Disposals	-	(378,085)	(3,032,929)	(282,398)	-	(3,693,412)
Reclassification	-	-	(15,630)	642	-	(14,988)
Effect of foreign currency exchange differences	<u>-</u>	<u>(36,331)</u>	<u>(461,555)</u>	<u>(7,810)</u>	<u>-</u>	<u>(505,696)</u>
Balance at March 31, 2023	<u>\$ -</u>	<u>\$ 82,885,026</u>	<u>\$ 338,246,692</u>	<u>\$ 11,040,107</u>	<u>\$ -</u>	<u>\$ 432,171,825</u>

For the three months ended March 31, 2022

	<u>Land</u>	<u>Buildings and improvements</u>	<u>Machinery and equipment</u>	<u>Other equipment</u>	<u>Construction in progress and machinery under installation</u>	<u>Total</u>
	NT\$	NT\$	NT\$	NT\$	NT\$	NT\$
<u>Cost</u>						
Balance at January 1, 2022	\$ 11,530,540	\$ 152,641,699	\$ 423,488,598	\$ 14,601,044	\$ 16,932,273	\$ 619,194,154
Additions	1,257,203	73,168	266,520	29,314	16,109,578	17,735,783
Disposals	-	(333,848)	(923,141)	(205,119)	-	(1,462,108)
Reclassification	-	4,005,391	10,925,640	200,649	(15,360,951)	(229,271)
Effect of foreign currency exchange differences	<u>28,209</u>	<u>1,374,551</u>	<u>2,925,615</u>	<u>211,720</u>	<u>330,304</u>	<u>4,870,399</u>
Balance at March 31, 2022	<u>\$ 12,815,952</u>	<u>\$ 157,760,961</u>	<u>\$ 436,683,232</u>	<u>\$ 14,837,608</u>	<u>\$ 18,011,204</u>	<u>\$ 640,108,957</u>
<u>Accumulated depreciation and impairment</u>						
Balance at January 1, 2022	\$ -	\$ 73,367,762	\$ 295,286,082	\$ 10,672,760	\$ -	\$ 379,326,604
Depreciation expense	-	1,787,691	9,712,255	402,327	-	11,902,273
Impairment losses recognized	-	-	7,568	489	-	8,057
Disposals	-	(313,224)	(897,016)	(204,778)	-	(1,415,018)
Reclassification	-	(32,959)	-	-	-	(32,959)
Effect of foreign currency exchange differences	<u>-</u>	<u>712,369</u>	<u>1,904,366</u>	<u>161,753</u>	<u>-</u>	<u>2,778,488</u>
Balance at March 31, 2022	<u>\$ -</u>	<u>\$ 75,521,639</u>	<u>\$ 306,013,255</u>	<u>\$ 11,032,551</u>	<u>\$ -</u>	<u>\$ 392,567,445</u>

Based on the future operation plans and the capacity evaluation, the Group assessed that a portion of equipment in the packaging segment and the testing segment were not qualified for the production needs and, therefore, recognized an impairment loss of NT\$27,922 thousand and NT\$8,057 thousand under the line item of other gains and losses for the three months ended March 31, 2023 and 2022 (Note 25), respectively. The recoverable amounts of a portion of the impaired plant and equipment were determined by their fair value less cost of disposal, of which the fair value was based on the recent quoted prices of assets with similar age and obsolescence provided by vendors in secondary market or the disposal price, and both of which represented Level 3 inputs because the secondary market was not active and the disposal price was negotiated with counterparties. The recoverable amount of the other portion of the impaired plant and equipment was determined using value in use and the Group expected to derive zero future cash flows from these assets.

Each class of property, plant and equipment was depreciated on a straight-line basis over the following useful lives:

Buildings and improvements	
Main plant buildings	10-55 years
Cleanrooms	10-20 years
Others	3-24 years
Machinery and equipment	2-15 years
Other equipment	2-25 years

The capitalized borrowing costs for the three months ended March 31, 2023 and 2022 are disclosed in Note 25.

16. LEASE ARRANGEMENTS

a. Right-of-use assets

	March 31, 2023	December 31, 2022	March 31, 2022
	NT\$	NT\$	NT\$
<u>Carrying amounts</u>			
Land	\$ 7,294,490	\$ 7,342,703	\$ 6,398,366
Buildings and improvements	3,356,442	3,411,750	3,708,221
Machinery and equipment	157,755	237,260	764,848
Other equipment	<u>73,148</u>	<u>69,070</u>	<u>43,497</u>
	<u>\$ 10,881,835</u>	<u>\$ 11,060,783</u>	<u>\$ 10,914,932</u>
		For the Three Months Ended March 31	
		2023	2022
		NT\$	NT\$
Additions to right-of-use assets		<u>\$ 147,397</u>	<u>\$ 386,234</u>
Depreciation charge for right-of-use assets			
Land		\$ 60,900	\$ 55,562
Buildings and improvements		170,208	154,986
Machinery and equipment		80,367	117,966
Other equipment		<u>9,112</u>	<u>7,252</u>
		<u>\$ 320,587</u>	<u>\$ 335,766</u>

The amounts disclosed above with respect to the right-of-use assets did not include the right-of-use assets that meet the definition of investment properties.

b. Lease liabilities

	March 31, 2023	December 31, 2022	March 31, 2022
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
<u>Carrying amounts</u>			
Current	<u>\$ 924,422</u>	<u>\$ 979,612</u>	<u>\$ 848,922</u>
Non-current	<u>\$ 6,629,461</u>	<u>\$ 6,728,875</u>	<u>\$ 6,567,953</u>

The Group's lease liabilities were mainly from land and buildings and improvements. The ranges of discount rates for lease liabilities was as follows:

	March 31, 2023	December 31, 2022	March 31, 2022
	<u></u>	<u></u>	<u></u>
Land (%)	0.54-8.00	0.54-8.00	0.54-8.00
Buildings and improvements (%)	0.45-8.84	0.45-8.84	0.45-8.84

c. Material lease-in activities and terms

The Group leases land and buildings for the use of plants and offices with remaining lease terms of 1-52 years and 1-28 years, respectively. For the leasehold land located in the R.O.C., the Group has extension options at the expiry of the lease periods. However, the government has the right to adjust the lease payments on the basis of changes in announced land value prices and also has the right to terminate the lease contract under certain circumstances. The Group does not have bargain purchase options to acquire the leasehold land and buildings at the expiry of the lease periods. In addition, the Group is prohibited from subleasing or transferring all or any portion of the underlying assets without the lessor's consent.

d. Subleases

In addition to the sublease transactions described in Note 17, the Group did not have other sublease transactions.

e. Other lease information

	For the Three Months Ended March 31	
	2023	2022
	<u>NT\$</u>	<u>NT\$</u>
Expenses relating to short-term leases	<u>\$ 54,120</u>	<u>\$ 80,891</u>
Expenses relating to low-value assets leases	<u>\$ 928</u>	<u>\$ 633</u>
Expenses relating to variable lease payments not included in the measurement of lease liabilities	<u>\$ 35,616</u>	<u>\$ 26,027</u>
Total cash outflow for leases	<u>\$ 435,370</u>	<u>\$ 553,989</u>

The Group elected to apply the recognition exemption for qualifying short-term leases and low-value asset leases, and thus, did not recognize right-of-use assets and lease liabilities for these leases.

17. INVESTMENT PROPERTIES

For the three months ended March 31, 2023

	<u>Land</u> NTS	<u>Buildings and</u> <u>improvements</u> NTS	<u>Right-of-use</u> <u>assets</u> NTS	<u>Total</u> NTS
<u>Cost</u>				
Balance at January 1, 2023	\$ 35,572	\$ 16,757,443	\$ 10,175,880	\$ 26,968,895
Additions	-	6,822	-	6,822
Effects of foreign currency exchange differences	-	82,393	50,253	132,646
Balance at March 31, 2023	<u>\$ 35,572</u>	<u>\$ 16,846,658</u>	<u>\$ 10,226,133</u>	<u>\$ 27,108,363</u>
<u>Accumulated depreciation</u>				
Balance at January 1, 2023	\$ -	\$ 3,868,107	\$ 1,371,696	\$ 5,239,803
Depreciation expenses	-	194,013	82,890	276,903
Effects of foreign currency exchange differences	-	17,914	6,487	24,401
Balance at March 31, 2023	<u>\$ -</u>	<u>\$ 4,080,034</u>	<u>\$ 1,461,073</u>	<u>\$ 5,541,107</u>
Carrying amount at March 31, 2023	<u>\$ 35,572</u>	<u>\$ 12,766,624</u>	<u>\$ 8,765,060</u>	<u>\$ 21,567,256</u>

For the three months ended March 31, 2022

	<u>Land</u> NTS	<u>Buildings and</u> <u>improvements</u> NTS	<u>Right-of-use</u> <u>assets</u> NTS	<u>Total</u> NTS
<u>Cost</u>				
Balance at January 1, 2022	\$ 35,572	\$ 16,376,098	\$ 10,042,678	\$ 26,454,348
Additions	-	61,523	-	61,523
Disposals	-	(7,609)	-	(7,609)
Reclassification	-	115,031	7,920	122,951
Effects of foreign currency exchange differences	-	594,054	379,903	973,957
Balance at March 31, 2022	<u>\$ 35,572</u>	<u>\$ 17,139,097</u>	<u>\$ 10,430,501</u>	<u>\$ 27,605,170</u>
<u>Accumulated depreciation</u>				
Balance at January 1, 2022	\$ -	\$ 3,272,146	\$ 1,037,415	\$ 4,309,561
Depreciation expenses	-	194,324	81,653	275,977
Disposals	-	(7,609)	-	(7,609)
Reclassification	-	32,959	2,468	35,427
Effects of foreign currency exchange differences	-	103,367	42,049	145,416
Balance at March 31, 2022	<u>\$ -</u>	<u>\$ 3,595,187</u>	<u>\$ 1,163,585</u>	<u>\$ 4,758,772</u>
Carrying amount at March 31, 2022	<u>\$ 35,572</u>	<u>\$ 13,543,910</u>	<u>\$ 9,266,916</u>	<u>\$ 22,846,398</u>

Right-of-use assets included in investment properties were leasehold land located in Shanghai and were subleased under operating leases.

The abovementioned investment properties were leased out for 1 to 20 years, with an option to extend for an additional lease term. The lease contracts contain market review clauses in the event that the lessees exercise their options to extend. The lessees do not have bargain purchase options to acquire the investment properties at the expiry of the lease term.

In addition to fixed lease payments, some of the lease contracts also indicated that the lessees should make variable payments determined at a specific percentage of the excess of respective lessees' monthly revenues over a specific amount.

The maturity analysis of lease payments receivable under operating leases of investment properties was as follows:

	March 31, 2023	December 31, 2022	March 31, 2022
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Year 1	\$ 1,568,784	\$ 1,683,010	\$ 1,693,766
Year 2	1,277,119	1,380,058	1,431,070
Year 3	1,062,381	1,119,779	1,211,014
Year 4	953,573	990,867	1,047,986
Year 5	741,137	808,851	949,442
Year 6 onwards	<u>2,284,989</u>	<u>2,492,305</u>	<u>3,069,666</u>
	<u>\$ 7,887,983</u>	<u>\$ 8,474,870</u>	<u>\$ 9,402,944</u>

The investment properties were depreciated on a straight-line basis over the following useful lives:

Main buildings	10-40 years
Right-of-use assets	10-50 years

Because of the market conditions severely affected by COVID-19 in 2023 and 2022, the Group agreed to provide unconditional rent reduction for some lease contracts. The rent concessions were accounted for as adjustments to related income over the remaining lease term. For the three months ended March 31, 2023 and 2022, total amount from the rent concessions were NT\$4,201 thousand and NT\$991 thousand, respectively.

The fair value of the investment properties was measured using the market approach and the income approach based on level 3 inputs by independent professional appraisers. The significant unobservable inputs were discount rates. The fair value of the investment properties was as follows:

	March 31, 2023	December 31, 2022	March 31, 2022
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Fair value	<u>\$ 36,992,667</u>	<u>\$ 36,869,289</u>	<u>\$ 37,482,033</u>

Refer to Note 34 for the carrying amount of the investment properties that had been pledged by the Group to secure borrowings.

18. GOODWILL

	<u>Cost</u> NT\$	<u>Accumulated impairment</u> NT\$	<u>Carrying amount</u> NT\$
<u>For the three months ended March 31, 2023</u>			
Balance at January 1, 2023	\$ 54,071,707	\$ 2,414,113	\$ 51,657,594
Effect of foreign currency exchange differences	<u>14,820</u>	<u>-</u>	<u>14,820</u>
Balance at March 31, 2023	<u>\$ 54,086,527</u>	<u>\$ 2,414,113</u>	<u>\$ 51,672,414</u>
<u>For the three months ended March 31, 2022</u>			
Balance at January 1, 2022	\$ 53,830,721	\$ 2,414,113	\$ 51,416,608
Effect of foreign currency exchange differences	<u>74,794</u>	<u>-</u>	<u>74,794</u>
Balance at March 31, 2022	<u>\$ 53,905,515</u>	<u>\$ 2,414,113</u>	<u>\$ 51,491,402</u>

19. OTHER INTANGIBLE ASSETS

The carrying amounts of each class of other intangible assets were as follows:

	<u>March 31, 2023</u> NT\$	<u>December 31, 2022</u> NT\$	<u>March 31, 2022</u> NT\$
Customer relationships	\$ 6,719,750	\$ 6,974,365	\$ 7,738,726
Computer software	2,245,514	2,310,815	2,632,414
Patents and acquired specific technology	11,359,099	11,829,167	13,241,051
Others	<u>103,934</u>	<u>63,361</u>	<u>132,066</u>
	<u>\$ 20,428,297</u>	<u>\$ 21,177,708</u>	<u>\$ 23,744,257</u>

For the three months ended March 31, 2023

	<u>Customer relationships</u> NT\$	<u>Computer software</u> NT\$	<u>Patents and acquired specific technology</u> NT\$	<u>Others</u> NT\$	<u>Total</u> NT\$
<u>Cost</u>					
Balance at January 1, 2023	\$ 11,736,181	\$ 7,616,109	\$ 21,317,352	\$ 156,326	\$ 40,825,968
Additions	-	188,331	400	41,993	230,724
Disposals or derecognition	-	(767,077)	-	-	(767,077)
Effect of foreign currency exchange differences	<u>8,070</u>	<u>(1,038)</u>	<u>162</u>	<u>890</u>	<u>8,084</u>
Balance at March 31, 2023	<u>\$ 11,744,251</u>	<u>\$ 7,036,325</u>	<u>\$ 21,317,914</u>	<u>\$ 199,209</u>	<u>\$ 40,297,699</u>

(Continued)

	<u>Customer relationships</u> NT\$	<u>Computer software</u> NT\$	<u>Patents and acquired specific technology</u> NT\$	<u>Others</u> NT\$	<u>Total</u> NT\$
<u>Accumulated amortization</u>					
Balance at January 1, 2023	\$ 4,761,816	\$ 5,305,294	\$ 9,488,185	\$ 92,965	\$ 19,648,260
Amortization expense	261,469	243,947	470,486	1,607	977,509
Disposals or derecognition	-	(757,200)	-	-	(757,200)
Effect of foreign currency exchange differences	<u>1,216</u>	<u>(1,230)</u>	<u>144</u>	<u>703</u>	<u>833</u>
Balance at March 31, 2023	<u>\$ 5,024,501</u>	<u>\$ 4,790,811</u>	<u>\$ 9,958,815</u>	<u>\$ 95,275</u>	<u>\$ 19,869,402</u> (Concluded)

For the three months ended March 31, 2022

	<u>Customer relationships</u> NT\$	<u>Computer software</u> NT\$	<u>Patents and acquired specific technology</u> NT\$	<u>Others</u> NT\$	<u>Total</u> NT\$
<u>Cost</u>					
Balance at January 1, 2022	\$ 11,704,605	\$ 7,051,694	\$ 21,315,241	\$ 133,526	\$ 40,205,066
Additions	-	69,917	-	70,782	140,699
Disposals or derecognition	-	(120)	-	-	(120)
Effect of foreign currency exchange differences	<u>9,580</u>	<u>58,186</u>	<u>2,094</u>	<u>4,404</u>	<u>74,264</u>
Balance at March 31, 2022	<u>\$ 11,714,185</u>	<u>\$ 7,179,677</u>	<u>\$ 21,317,335</u>	<u>\$ 208,712</u>	<u>\$ 40,419,909</u>
<u>Accumulated amortization</u>					
Balance at January 1, 2022	\$ 3,713,649	\$ 4,271,971	\$ 7,584,837	\$ 70,902	\$ 15,641,359
Amortization expense	260,993	233,818	489,572	4,885	989,268
Disposals or derecognition	-	(120)	-	-	(120)
Effect of foreign currency exchange differences	<u>817</u>	<u>41,594</u>	<u>1,875</u>	<u>859</u>	<u>45,145</u>
Balance at March 31, 2022	<u>\$ 3,975,459</u>	<u>\$ 4,547,263</u>	<u>\$ 8,076,284</u>	<u>\$ 76,646</u>	<u>\$ 16,675,652</u>

Each class of other intangible assets was amortized on the straight-line basis over the following useful lives:

Customer relationships	11-16 years
Computer software	2-10 years
Patents and acquired specific technology	5-17 years
Others	5-10 years

20. BORROWINGS

a. Short-term borrowings

1) Bank loans mainly represented unsecured revolving loans, letters of credit and bank overdrafts.

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	NT\$	NT\$	NT\$
Secured bank loans, annual interest rates were 2.86%-4.49%, 2.73%-3.63% and 0.90%-1.45% as of March 31, 2023, December 31, 2022 and March 31, 2022, respectively	\$ 691,625	\$ 772,896	\$ 281,642
Unsecured bank loans, annual interest rates were 1.48%-6.94%, 1.42%-6.50% and 0.40%-3.93% as of March 31, 2023, December 31, 2022 and March 31, 2022, respectively	<u>44,466,146</u>	<u>45,958,234</u>	<u>49,708,740</u>
	45,157,771	46,731,130	49,990,382
Less: financial liabilities for hedging – current (Note 32)	<u>12,253,348</u>	<u>12,204,620</u>	<u>6,857,203</u>
	<u>\$ 32,904,423</u>	<u>\$ 34,526,510</u>	<u>\$ 43,133,179</u>

b. Long-term borrowings

1) Bank loans

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	NT\$	NT\$	NT\$
Revolving bank loans			
Others - repayable through April 2023 to July 2029, annual interest rates were 1.47%-5.59%, 1.43%-5.26% and 0.40%-4.00% as of March 31, 2023, December 31, 2022 and March 31, 2022, respectively	\$ 82,766,909	79,657,893	\$ 107,103,578
Mortgage loans (Note 34)			
Repayable through April 2023 to December 2033, annual interest rates were 3.30%-3.65%, 2.85%-4.40% and 2.32%-4.55% as of March 31, 2023, December 31, 2022 and March 31, 2022, respectively	<u>8,685,551</u>	<u>8,333,805</u>	<u>8,405,342</u>
	91,452,460	87,991,698	115,508,920
Less: current portion	4,700,587	5,041,841	2,621,693
financial liabilities for hedging – non-current (Note 32)	<u>-</u>	<u>-</u>	<u>4,845,933</u>
	<u>\$ 86,751,873</u>	<u>\$ 82,949,857</u>	<u>\$ 108,041,294</u>

Pursuant to some of the above revolving bank loans agreements, the Group's subsidiaries should meet certain financial covenants which are calculated based on each of their annual audited consolidated financial statements or semi-annual reviewed consolidated financial statements. The Group's subsidiaries were in compliance with all of the financial covenants.

2) Long-term bills payable – Only December 31, 2022 and March 31, 2022

	December 31, 2022	March 31, 2022
	<u>NT\$</u>	<u>NT\$</u>
Ta Ching Bills Finance Corporation, redeemed in March 2023, annual interest rates were 0.85%-0.94% and 0.65%-0.74% as of December 31, 2022 and March 31, 2022, respectively	\$ 3,000,000	\$ 3,000,000
Cathay United Bank, redeemed in March 2023, annual interest rate was 1.49%-1.56% as of December 31, 2022	9,000,000	-
China Bills Finance Corporation, redeemed in December 2022, annual interest rates was 0.65% as of March 31, 2022	-	500,000
	<u>12,000,000</u>	<u>3,500,000</u>
Less: unamortized discounts	<u>2,247</u>	<u>1,326</u>
	<u>\$ 11,997,753</u>	<u>\$ 3,498,674</u>

21. BONDS PAYABLE

	March 31, 2023	December 31, 2022	March 31, 2022
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Unsecured domestic bonds			
Repayable at maturity in January 2023 and interest due annually with annual interest rate at 1.50%	\$ -	\$ 2,000,000	\$ 2,000,000
Repayable at maturity in January 2024 and interest due annually with annual interest rate at 1.45%	4,300,000	4,300,000	4,300,000
Repayable at maturity in April 2024 and interest due annually with annual interest rate at 0.90%	6,500,000	6,500,000	6,500,000
Repayable at maturity in April 2026 and interest due annually with annual interest rate at 1.03%	3,500,000	3,500,000	3,500,000
Repayable at maturity in April 2025 and interest due annually with annual interest rate at 0.90%	10,000,000	10,000,000	10,000,000
Repayable at maturity in August 2023 and interest due annually with annual interest rate at 0.72%	3,000,000	3,000,000	3,000,000
			(Continued)

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	NT\$	NT\$	NT\$
Repayable at maturity in August 2025 and interest due annually with annual interest rate at 0.85%	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000
Repayable at maturity in August 2027 and interest due annually with annual interest rate at 0.95%	2,000,000	2,000,000	2,000,000
Unsecured overseas bonds			
US\$200,000 thousand (linked to New Taiwan dollar), redeemed in September 2022 and interest due quarterly with annual interest rate at 2.15%	-	-	6,204,800
US\$100,000 thousand (linked to New Taiwan dollar), repayable at maturity in October 2024 and interest due quarterly with annual interest rate at 2.50%	3,102,400	3,102,400	3,102,400
Unsecured overseas convertible bonds			
RMB2,045,725 thousand, RMB2,005,324 thousand and RMB779,801 thousand as of March 31, 2023, December 31, 2022 and March 31, 2022, respectively. Repayable at maturity in March 2027 and interest due annually with annual interest rate at 0.10%, 0.20%, 0.60%, 1.30%, 1.80% and 2.00% for the first, second, third, fourth, fifth and sixth year, respectively.	<u>9,065,053</u>	<u>8,842,360</u>	<u>3,519,568</u>
	46,467,453	48,244,760	49,126,768
Less: discounts on bonds payable	<u>331,929</u>	<u>394,436</u>	<u>402,337</u>
	46,135,524	47,850,324	48,724,431
Less: current portion of bonds payable	<u>7,298,539</u>	<u>4,998,971</u>	<u>8,203,162</u>
	<u>\$ 38,836,985</u>	<u>\$ 42,851,353</u>	<u>\$ 40,521,269</u>

(Concluded)

In March 2021, the subsidiary, USISH, offered an unsecured overseas convertible bonds (the “USISH Bonds”) in RMB3,450,000 thousand with par value of RMB100. Within 5 trading days after maturity, USISH will redeem all the unconverted bonds at a price of 108% of the par value (including the interests of the last installation).

When the USISH Bonds were offered, the subsidiaries, USIE and ASE (Shanghai) Inc., subscribed for the USISH Bonds at a total of RMB2,670,199 thousand. Since then, USIE and ASE (Shanghai) Inc. disposed the USISH Bonds totaled to RMB1,237,636 thousand and RMB28,397 thousand, respectively, in the public market. As of March 31, 2023, the value of the USISH Bonds held by USIE amounted to RMB1,404,166 thousand. As the aforementioned contractual obligations assumed by USISH and the contractual rights entitled to USIE and ASE (Shanghai) Inc. were extinguished in economic substance, the assets and liabilities related to the USISH Bonds subscribed for by USIE and ASE (Shanghai) Inc. were all eliminated upon the consolidation.

Each holder of the USISH Bonds has the right to convert the USISH Bonds into ordinary shares of USISH at the conversion price at any time from the first trading day after 9 months since the offering date to the maturity date (the “Conversion Period”). The initial conversion price was RMB20.25 per share at offering date and the conversion price will be subject to the adjustment in the event of the conversion provisions due

to anti-dilution clause. As of March 31, 2023, the conversion price was RMB19.50 per share. As of March 31, 2023, the USISH Bonds with a par value totaled to RMB109 thousand were converted into 6 thousand ordinary shares of USISH. Within the outstanding period of the USISH Bonds, if the closing price of USISH's ordinary shares in Shanghai Stock Exchange is lower than 80% of the current conversion price for at least 15 trading days out of any 30 consecutive trading days, the board of directors of USISH has the right to propose a downward revision on conversion price and submit it to USISH's shareholders' meeting for approval.

During the Conversion Period, USISH's board of directors has the right to redeem all or part of the unconverted bonds at the price of par value plus accrued interests in either of the following circumstances: (1) if the closing price of USISH's ordinary shares in Shanghai Stock Exchange is not less 130% (including 130%) of the current conversion price for at least 20 trading days out of any 30 consecutive trading days, or (2) the unconverted USISH Bonds falls below RMB30,000 thousand.

In the last two interest accrual years before the maturity, the holders of USISH Bonds have the right to sell back all or part of USISH Bonds to USISH at the price of par value plus accrued interest in either of the following circumstances: (1) if the closing price of USISH's ordinary shares in Shanghai Stock Exchange is lower than 70% of the current conversion price in any 30 consecutive trading days, or (2) if USISH is deemed to change the use of the funds pursuant to the relevant regulations of the China Securities Regulatory Commission or USISH is identified by the China Securities Regulatory Commission as changing the use of funds before the maturity. In addition, after 3 years from the offering date, holders of USISH Bonds have the right to sell back all or part of USISH Bonds to USISH at 102% of the par value (including the interests accrued for the 3rd year).

At the offering date, USISH Bonds consisted of debt host contract (recognized under the line item of bonds payable), conversion right (recognized under the line item of non-controlling interests since it is an equity component of the bonds offered by the subsidiary), call option and put option (recognized under the line item of financial assets at FVTPL).

22. OTHER PAYABLES

	March 31, 2023	December 31, 2022	March 31, 2022
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Payables for property, plant and equipment	\$ 11,712,788	\$ 16,704,590	\$ 14,023,855
Accrued salary and bonus	10,521,917	14,759,907	10,964,908
Accrued employees' compensation and remuneration to directors	10,254,299	10,012,636	9,625,092
Accrued employee insurance	1,307,180	1,325,330	1,188,286
Accrued utilities	764,304	847,905	647,334
Others	<u>10,795,182</u>	<u>13,464,732</u>	<u>11,124,790</u>
	<u>\$ 45,355,670</u>	<u>\$ 57,115,100</u>	<u>\$ 47,573,965</u>

23. RETIREMENT BENEFIT PLANS

The Group's retirement benefit plans consisted of defined contribution retirement plans and defined benefit retirement plans. Employee benefit expenses in respect of the Group's defined benefit retirement plans for the three months ended March 31, 2023 and 2022 were calculated using the projected pension cost stated in 2022 and 2021 actuarial reports.

24. EQUITY

a. Share capital

Ordinary shares

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
Numbers of shares authorized (in thousands)	<u>5,500,000</u>	<u>5,500,000</u>	<u>5,500,000</u>
Numbers of shares reserved (in thousands)			
Employee share options	<u>400,000</u>	<u>400,000</u>	<u>400,000</u>
Shares capital authorized	<u>\$ 55,000,000</u>	<u>\$ 55,000,000</u>	<u>\$ 55,000,000</u>
Shares capital reserved			
Employee share options	<u>\$ 4,000,000</u>	<u>\$ 4,000,000</u>	<u>\$ 4,000,000</u>
Number of shares issued and fully paid (in thousands)	<u>4,373,905</u>	<u>4,367,984</u>	<u>4,357,639</u>

American Depositary Receipts

The Company's ADS represents 2 ordinary shares of the Company. As of March 31, 2023, December 31, 2022 and March 31, 2022, 157,164 thousand ADSs were outstanding and represented approximately 314,328 thousand ordinary shares of the Company.

b. Capital surplus

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	NT\$	NT\$	NT\$
<u>May be used to offset a deficit, distributed as cash dividends, or transferred to share capital (1)</u>			
Issuance of ordinary shares	\$ 15,197,840	\$ 15,072,129	\$ 14,604,611
Merger by share exchange	117,693,658	117,693,658	117,693,658
Difference between consideration and the carrying amount of the subsidiaries' net assets during actual disposal or acquisition	3,240,987	3,240,987	3,240,987
Exercised employee share options	2,978,308	2,943,447	2,415,810
Treasury share transactions	680,289	38,404	510,591
Donations from shareholders	471,894	471,894	-
Expired share options	<u>646,452</u>	<u>646,447</u>	<u>645,903</u>
	<u>140,909,428</u>	<u>140,106,966</u>	<u>139,111,560</u>
<u>May be used to offset a deficit only</u>			
Changes in percentage of ownership interest in subsidiaries (2)	152,590	116,086	-

(Continued)

	<u>March 31,</u> <u>2023</u> NT\$	<u>December 31,</u> <u>2022</u> NT\$	<u>March 31,</u> <u>2022</u> NT\$
Share of changes in capital surplus of associates accounted for using the equity method	\$ 98,931	\$ 98,646	\$ 10,905
Dividends that the claim period has elapsed and unclaimed by shareholders	6,043	6,043	5,183
Exercised disgorgement	<u>326</u>	<u>326</u>	<u>-</u>
	<u>257,890</u>	<u>221,101</u>	<u>16,088</u>
<u>May not be used for any purpose</u>			
Employee share options	1,407,427	1,425,171	1,435,396
Restricted stocks for employees	800,549	778,387	1,205,532
Others (3)	<u>277,652</u>	<u>154,731</u>	<u>200,786</u>
	<u>2,485,628</u>	<u>2,358,289</u>	<u>2,841,714</u>
	<u>\$ 143,652,946</u>	<u>\$ 142,686,356</u>	<u>\$ 141,969,362</u> (Concluded)

- 1) Such capital surplus may be used to offset a deficit; in addition, when the Company has no deficit, such capital surplus may be distributed as cash dividends or transferred to share capital (limited to a certain percentage of the Company's capital surplus and once a year).
- 2) Such capital surplus arises from the effects of changes in ownership interests in subsidiaries resulting from equity transactions other than actual disposals or acquisitions, or from changes in capital surplus of subsidiaries accounted for using the equity method.
- 3) Such capital surplus represents the excess of the carrying amount of related accounts over the par value due to employee share options exercised and the Company has not completed registration formalities.

c. Retained earnings and dividend policy

The Articles of Incorporation of the Company (the "Articles") provides that annual net income shall be distributed in the following order:

- 1) Replenishment of deficits;
- 2) 10.0% as legal reserve;
- 3) Special reserve appropriated or reversed in accordance with laws or regulations set forth by the authorities concerned;
- 4) If annual net income remains, a proposal for the distribution of such amount together with a part or all of the accumulated undistributed profits from previous years shall be prepared by the board of directors and submit to the shareholders' meeting for resolution. However, the distributable dividends may be paid in cash after a resolution has been adopted by a majority vote at a meeting of the board of directors attended by two-thirds of the total number of directors; and in addition thereto a report of such distribution shall be submitted to the shareholders' meeting.

For the policies on the distribution of employees' compensation and remuneration of directors, refer to employees' compensation and remuneration of directors in Note 25(g).

The Company is currently in the mature growth stage. To meet the capital needs for business development now and in the future and satisfy the shareholders' demand for cash inflows, the Company shall use residual dividend policy to distribute dividends, of which the cash dividend is not lower than 30% of the total dividend distribution, with the remainder to be distributed in shares. A distribution plan is also to be made by the board of directors and passed for resolution in the shareholders' meeting.

Appropriation of earnings to legal reserve shall be made until the legal reserve equals the Company's capital share. Legal reserve may be used to offset deficits. If the Company has no deficit and the legal reserve has exceeded 25% of the Company's share capital, the excess may be transferred to capital or distributed in cash.

Items referred to under Rule No. 1090150022 issued by the FSC and in the directive titled "Questions and Answers for Special Reserves Appropriated Following Adoption of IFRSs" should be appropriated to or reversed from a special reserve by the Company.

The appropriation of earnings for 2022 and for 2021, respectively, were as follows:

	Appropriation of Earnings		Dividends Per Share	
	For Year 2022	For Year 2021	For Year 2022	For Year 2021
	NT\$	NT\$	NT\$	NT\$
			(in dollars)	(in dollars)
Legal reserve	\$ 6,001,564	\$ 6,282,762		
Special reserve (reversed)	\$ (6,845,501)	\$ 798,025		
Cash dividends	\$ 38,482,083	\$ 30,501,981	\$ 8.8	\$ 7.0

The above 2022 and 2021 appropriations for cash dividends was resolved by the Company's board of directors in March 2023 and March 2022, respectively; the other proposed appropriations for 2021 was resolved by the shareholders' meeting in June 2022. The other proposed appropriations for 2022 will be resolved by the shareholders' meeting to be held in June 2023.

d. Others equity items

1) Exchange differences on translating foreign operations

	For the Three Months	
	Ended March 31	
	2023	2022
	NT\$	NT\$
Balance at January 1	\$ (5,528,489)	\$ (15,392,747)
Recognized for the period		
Exchange differences arising on translating foreign operations	(497,592)	5,784,412
Share from associates and joint venture accounted for using the equity method	13,798	23,441
Balance at March 31	\$ (6,012,283)	\$ (9,584,894)

2) Unrealized gain (loss) on financial assets at FVTOCI

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Balance at January 1	\$ 1,486,659	\$ 4,903,863
Unrealized gain (loss) recognized for the period		
Debt instruments	(4,249)	(4,285)
Equity instruments	39,802	(73,792)
Share from associates and joint venture accounted for using the equity method	<u>1,501,486</u>	<u>(703,720)</u>
Other comprehensive income recognized for the period	<u>1,537,039</u>	<u>(781,797)</u>
Cumulative unrealized gain (loss) transferred to retained earnings due to disposal of equity instruments in relation to associates and joint venture accounted for using the equity method	<u>(27)</u>	<u>8</u>
Balance at March 31	<u>\$ 3,023,671</u>	<u>\$ 4,122,074</u>

3) Gain (loss) on hedging instruments - hedges of net investments of foreign operations

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Balance at January 1	\$ 520,281	\$ 121,833
Recognized for the period		
Foreign currency risk – loans denominated in foreign currency	<u>(133,527)</u>	<u>134,348</u>
Balance at March 31	<u>\$ 386,754</u>	<u>\$ 256,181</u>

4) Unearned employee compensation

In August 2021, the shareholders' meeting resolved to issue restricted stock awards for employees. Refer to Note 28 for the information.

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Balance at January 1	\$ (432,847)	\$ (1,164,991)
Share-based payment expenses	107,661	210,194
Valuation adjustments	<u>(22,163)</u>	<u>(11,750)</u>
Balance at March 31	<u>\$ (347,349)</u>	<u>\$ (966,547)</u>

e. Treasury shares

Purpose of Repurchase	Shares repurchased for cancellation (in thousand shares)	Shares held by subsidiaries (in thousand shares)	Total (in thousand shares)
Balance at March 31, 2023	-	72,941	72,941
Balance at January 1, 2022	53,067	72,941	126,008
Increase during the period	1,933	-	1,933
Decrease during the period	(55,000)	-	(55,000)
Balance at March 31, 2022	-	72,941	72,941

In order to maintain the Company's credit and shareholders' rights and interests, the board of directors resolved in November 2021 to repurchase up to 55,000 thousand of the Company's ordinary shares for cancellation at prices between NT\$90 to NT\$150 per share during November 8, 2021 to January 7, 2022. The Company has repurchased 55,000 thousand shares at an average price of NT\$104.3 per share. In February 2022, the Company's board of directors resolved that February 25, 2022 was the record date for capital reduction and completed the cancellation of those repurchased ordinary shares.

In order to align with the Group's financial strategy to simplify its investment management, ASE Test and J&R Holding reduced each of their capital in the fourth quarter of 2022 by remitting 44,100 thousand and 23,352 thousand ordinary shares of the Company, respectively, to their shareholder, ASE

The Company's shares held by its subsidiaries at each balance sheet date were as follows:

	Shares Held by Subsidiaries (in thousand shares)	Carrying Amount NT\$	Fair Value NT\$
March 31, 2023			
ASE	67,452	\$ 1,762,430	\$ 7,588,363
ASE Test, Inc.	5,489	196,677	617,556
	72,941	\$ 1,959,107	\$ 8,205,919
December 31, 2022			
ASE	67,452	\$ 1,762,430	\$ 6,333,754
ASE Test, Inc.	5,489	196,677	515,454
	72,941	\$ 1,959,107	\$ 6,849,208
March 31, 2022			
ASE Test	44,100	\$ 1,380,721	\$ 4,564,374
J&R Holding	23,352	381,709	2,416,920
ASE Test, Inc.	5,489	196,677	568,152
	72,941	\$ 1,959,107	\$ 7,549,446

Fair value (Level 1) of the Company's shares held by subsidiaries is based on the closing price from an available published price quotation.

Under the Securities and Exchange Act, the Company shall neither pledge treasury shares nor exercise shareholders' rights on these shares, such as the rights to dividends and voting. The subsidiaries holding the aforementioned treasury shares are bestowed shareholders' rights except the rights to participate in any share issuance for cash and voting.

f. Non-controlling interests

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Balance at January 1	\$ 18,639,815	\$ 14,556,011
Share of profit for the period	275,624	477,834
Other comprehensive income (loss) during the period		
Exchange difference on translating foreign operations	52,944	365,040
Unrealized gain (loss) on equity instruments at FVTOCI	6,520	(16,250)
Gain (loss) from hedging	(37,830)	38,058
Share in other comprehensive income of associates accounted for using the equity method	1,410	4,232
Subsidiaries' buy back of their own outstanding ordinary shares (Note 29)	-	(68,162)
Equity component of convertible bonds issued by subsidiaries	38,016	471
Non-controlling interest from vested employee share options granted by subsidiaries	<u>98,197</u>	<u>29,635</u>
Balance at March 31	<u>\$ 19,074,696</u>	<u>\$ 15,386,869</u>

25. PROFIT BEFORE INCOME TAX

a. Other income

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Interest income		
Bank deposits	\$ 337,804	\$ 251,245
Contracts with customers	1,267	2,562
Government subsidies	115,351	124,153
Dividends income	37,371	17,545
Royalty income	157,893	76,825
Rental income	<u>175,662</u>	<u>157,927</u>
	<u>\$ 825,348</u>	<u>\$ 630,257</u>

b. Other gains and losses

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Net gains on financial assets mandatorily at FVTPL	\$ 1,177,403	\$ 2,062,625
Net losses arising on financial instruments held for trading	(1,074,174)	(656,444)
Foreign exchange gain (losses), net	544,851	(1,103,677)
Impairment losses (Note 15)	(27,922)	(8,057)
Gain on disposal of property, plant and equipment	67,119	60,923
Others	<u>97,505</u>	<u>56,152</u>
	<u>\$ 784,782</u>	<u>\$ 411,522</u>

c. Finance costs

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Interest on lease liabilities	\$ 34,384	\$ 32,033
Interest on borrowings and bonds payable	<u>1,400,148</u>	<u>660,857</u>
Total interest expense for financial liabilities measured at amortized cost	1,434,532	692,890
Less: Amounts included in the cost of qualifying assets Property, plant and equipment	<u>(19,256)</u>	<u>(7,433)</u>
	1,415,276	685,457
Other finance costs	<u>7,633</u>	<u>4,987</u>
	<u>\$ 1,422,909</u>	<u>\$ 690,444</u>

Information relating to the capitalized borrowing costs was as follows:

	For the Three Months Ended March 31	
	2023	2022
Annual interest capitalization rates Property, plant and equipment (%)	4.31-6.80	0.59-0.92

d. Depreciation and amortization

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Property, plant and equipment	\$ 12,864,309	\$ 11,902,273
Right-of-use assets	320,587	335,766
Investment properties	276,903	275,977
Other intangible assets	<u>977,509</u>	<u>989,268</u>
	<u>\$ 14,439,308</u>	<u>\$ 13,503,284</u>

(Continued)

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Summary of depreciation by function		
Operating costs	\$ 12,454,109	\$ 11,635,699
Operating expenses	<u>1,007,690</u>	<u>878,317</u>
	<u>\$ 13,461,799</u>	<u>\$ 12,514,016</u>
Summary of amortization by function		
Operating costs	\$ 608,024	\$ 613,614
Operating expenses	<u>369,485</u>	<u>375,654</u>
	<u>\$ 977,509</u>	<u>\$ 989,268</u>

(Concluded)

e. Operating expenses directly related to investment properties

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Direct operating expenses of investment properties that generated rental income	<u>\$ 408,406</u>	<u>\$ 415,089</u>

f. Employee benefits expense

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Post-employment benefits		
Defined contribution plans	\$ 929,897	\$ 857,673
Defined benefit plans	<u>52,999</u>	<u>49,964</u>
	982,896	907,637
Equity-settled share-based payments	150,148	283,249
Other employee benefits	<u>20,603,176</u>	<u>22,801,515</u>
Total employee benefits expense	<u>\$ 21,736,220</u>	<u>\$ 23,992,401</u>
Summary of employee benefits expense by function		
Operating costs	\$ 14,278,866	\$ 15,414,232
Operating expenses	<u>7,457,354</u>	<u>8,578,169</u>
	<u>\$ 21,736,220</u>	<u>\$ 23,992,401</u>

g. Employees' compensation and the remuneration to directors

The Articles stipulates to distribute employees' compensation and remuneration to directors at the rates in 0.01%-1.00% and no higher than 0.75%, respectively, of net profit before income tax, employees' compensation and remuneration to directors.

	For the Three Months Ended March 31, 2023		For the Three Months Ended March 31, 2022	
	Accrual rate	Accrual amount	Accrual rate	Accrual amount
		NT\$		NT\$
Employees' compensation	0.25%	\$ 14,597	0.25%	\$ 32,321
Remuneration to directors	0.40%	23,355	0.40%	51,713

If there is a change in the proposed amounts after the annual consolidated financial statement authorized for issue, the differences are recorded as a change in accounting estimate and will be adjusted in the following year.

In March 2023 and 2022, the board of directors resolved the appropriations of employees' compensation and remuneration to directors in cash for 2022 and 2021, respectively. The differences between the resolved amounts and the accrued amounts reflected in the annual consolidated financial statements for the years ended December 31, 2022 and 2021 were deemed changes in estimates. The differences were NT\$ 1,572 thousand and NT\$1,030 thousand, respectively, and were then prospectively adjusted in net profit for 2023 and 2022, respectively.

	For Year 2022		For Year 2021	
	Employees' compensation	Remuneration to directors	Employees' compensation	Remuneration to directors
	NT\$	NT\$	NT\$	NT\$
Resolved by the board of directors	<u>\$ 155,463</u>	<u>\$ 247,000</u>	<u>\$ 122,000</u>	<u>\$ 194,000</u>
Recognized in the consolidated financial statements	<u>\$ 155,398</u>	<u>\$ 248,637</u>	<u>\$ 121,935</u>	<u>\$ 195,095</u>

Information on the employees' compensation and the remuneration to directors resolved by the board of directors is available at the Market Observation Post System website of the Taiwan Stock Exchange (the "TWSE").

26. INCOME TAX

The Company and its subsidiaries, ASE, SPIL and USIINC, have filed a consolidated tax return for corporate income tax and for unappropriated earnings.

a. Income tax recognized in profit or loss

The major components of income tax were as follows:

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Current income tax		
In respect of the current period	\$ 1,924,592	\$ 3,248,983
Additional income tax on unappropriated earnings	6	-
Changes in estimate for prior periods	<u>(2,007)</u>	<u>(3,561)</u>
	<u>1,922,591</u>	<u>3,245,422</u>

(Continued)

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Deferred income tax		
In respect of the current period	\$ (157,833)	\$ (19,102)
Changes in estimate for prior periods	-	(988)
Effect of foreign currency exchange differences	<u>12,798</u>	<u>52,173</u>
	<u>(145,035)</u>	<u>32,083</u>
Income tax expense recognized in profit or loss	<u>\$ 1,777,556</u>	<u>\$ 3,277,505</u>

(Concluded)

b. Income tax assessments

The tax authorities have examined income tax returns of the Company and its R.O.C. subsidiaries through 2019 and 2021.

27. EARNINGS PER SHARE

The earnings and weighted average number of ordinary shares outstanding in the computation of earnings per share were as follows:

Net profit for the period

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Profit for the period attributable to owners of the Company	\$ 5,817,165	\$ 12,907,282
Effect of potentially dilutive ordinary shares:		
Effect of potential ordinary shares from subsidiaries	<u>(161,274)</u>	<u>(222,290)</u>
Earnings used in the computation of diluted earnings per share	<u>\$ 5,655,891</u>	<u>\$ 12,684,992</u>

Weighted average number of ordinary shares outstanding (in thousand shares):

	For the Three Months Ended March 31	
	2023	2022
Weighted average number of ordinary shares in the computation of basic earnings per share	4,288,647	4,289,978
Effect of potentially dilutive ordinary shares:		
Employee share options	40,159	43,966
Employees' compensation	1,493	1,467
Employee restricted stock awards	<u>6,666</u>	<u>5,631</u>
Weighted average number of ordinary shares in the computation of diluted earnings per share	<u>4,336,965</u>	<u>4,341,042</u>

The Group is able to settle the employees' compensation by cash or shares. The Group assumed that the entire amount of the compensation would be settled in shares and the resulting potential shares were included in the weighted average number of ordinary shares outstanding used in the computation of diluted earnings per share if the effect is dilutive. Such dilutive effect of the potential shares was included in the computation of diluted earnings per share until the board of directors approve the number of shares to be distributed to employees at their meeting in the following year.

28. SHARE-BASED PAYMENT ARRANGEMENTS

a. Employee share option plans of the Company

In order to attract, retain and reward employees, the Company and its subsidiary, ASE, have their employee share option plans for the Group's full-time employees. As disclosed in Note 1, the Company assumed ASE's obligations of outstanding employee share option plans starting from April 30, 2018 and each share option represents the right to purchase 0.5 ordinary share of the Company when exercised. The right of those share options granted under the plan is valid for 10 years, non-transferable and exercisable at certain percentages subsequent to the second anniversary of the grant date. For any subsequent changes in the Company's capital structure or when cash dividend per ordinary share exceeds 1.5% of the market price per ordinary share, the exercise price is accordingly adjusted.

Information about the share option plans that the Company granted and assumed for the three months ended March 31, 2023 and 2022 was as follows:

	For the Three Months Ended March 31			
	2023		2022	
	Number of Options (In Thousands)	Weighted Average Exercise Price Per Share (NT\$)	Number of Options (In Thousands)	Weighted Average Exercise Price Per Share (NT\$)
Balance at January 1	81,262	\$ 50.2	96,802	\$ 53.3
Options forfeited	(364)	48.6	(390)	52.4
Options exercised	<u>(5,921)</u>	52.0	<u>(3,988)</u>	53.3
Balance at March 31	<u>74,977</u>	50.1	<u>92,424</u>	53.3
Options exercisable, end of period	<u>52,519</u>	51.2	<u>45,746</u>	55.7

The weighted average share price at exercise dates for the three months ended March 31, 2023 and 2022 were NT\$104.2 and NT\$103.2, respectively.

Information about the outstanding share options at each balance sheet date was as follows:

	Range of Exercise Price Per Share (NT\$)	Weighted Average Remaining Contractual Life (Years)
<u>March 31, 2023</u>		
ASE 5 th share options	\$ 73.0	2.4
The Company 1 st share options	47.5	5.7

(Continued)

	Range of Exercise Price Per Share (NT\$)	Weighted Average Remaining Contractual Life (Years)
<u>December 31, 2022</u>		
ASE 5 th share options	\$ 73.0	2.7
The Company 1 st share options	47.5	5.9
<u>March 31, 2022</u>		
ASE 5 th share options	73.0	3.4
The Company 1 st share options	51.0	6.7
		(Concluded)

The Company's board of directors resolved in February 2023 to issue the Company's second share options plan and will grant 150,000 thousand share units. Each unit represents the right to purchase one newly issued ordinary share of the Company when exercised, which amounted to 150,000 thousand shares. In March 2023, the authority approved the issue of Company's second share options plan.

b. Employee restricted stock awards plan of the Company

To attract and retain talents as well as motivate and engage employees, the Company's annual shareholders' meetings resolved in August 2021 to issue the 2021 employee restricted stock awards plan and granted 15,000 thousand ordinary shares on the record date of October 1, 2021. The par value and the exercise price was NT\$10 and NT\$0 per share, respectively. The fair value at the grant day was NT\$92.4 per share.

The vested shares are settled and issued on an annual basis during a three-year period starting from October 1, 2021. Up to one-thirds of the total shares granted will be vested only after the Company reaches specific performance targets before the end of each year-period. Except for inheritance, those shares shall not be sold, pledged, transferred, gifted, conditioned, or otherwise dispose of before vested, while the rights of attendance, propose, speak, vote and election at shareholders meeting and other rights, including but not limited to, stock dividend, cash dividend, distribution from legal reserve and capital surplus, share options at cash capital increase are identical with the Company's ordinary shares issued and outstanding. All the shares under this plan should be deposited in a trust account before vested.

After the grant date, the Company has the right to revoke and cancel those unvested shares. The dividends (including cash dividends, stock dividends, and the cash or the shares distributed from legal reserve or capital surplus) entitled to those unvested shares and interests derived therefrom shall be returned to the Company from the trust account at the same time.

Information about employee restricted stock was as follows:

	For the Three Months Ended March 31	
	<u>2023</u>	<u>2022</u>
	(in thousand shares)	(in thousand shares)
Balance at January 1 and March 31	<u>10,000</u>	<u>15,000</u>

c. Employee share option plans of subsidiaries

USISH

Under the share option plan issued in 2015 (“2015 share options”), each unit represents the right to purchase one ordinary share of USISH when exercised. The options are valid for 10 years, non-transferable and exercisable at certain percentages subsequent to the second anniversary of the grant date incorporated with certain performance conditions. For any subsequent changes in USISH’s capital structure, the exercise price is accordingly adjusted.

In November 2019, USISH adopted the first share option plan (“2019 share options”) and granted 17,167 thousand share options to its employees. Each unit represents the right to purchase one ordinary share of USISH when exercised. The options are valid for 3.0 years, 4.0 years and 5.0 years, respectively, and are exercisable at certain percentages within 12 months subsequent to the second, the third and the fourth anniversary of the grant date under the satisfaction of certain performance conditions within each respective vesting period. In the event that USISH increases share capital by capital surplus or by cash, or distributes share dividends or cash dividends, the exercisable share option units and the exercise price are accordingly adjusted.

In September 2020, USISH adopted the second share option plan (“2020 share options”) and granted 1,140 thousand share options to its employees. The conditions of issued 2020 share options are the same as 2019 share options plan, except that the options are valid for 2.2 years, 3.2 years and 4.2 years, respectively, and with each respective vesting period of 1.2 years, 2.2 years and 3.2 years.

Information about share options was as follows:

	For the Three Months Ended March 31			
	2023		2022	
	Number of Options (In Thousands)	Exercise Price Per Share (RMB)	Number of Options (In Thousands)	Exercise Price Per Share (RMB)
Balance at January 1	20,246	\$ 14.5	29,486	\$ 14.2
Options forfeited	(165)	14.1	(84)	14.7
Options exercised	<u>(281)</u>	12.9	<u>(219)</u>	12.7
Balance at March 31	<u>19,800</u>	14.5	<u>29,183</u>	14.2
Options exercisable, end of period	<u>15,136</u>	15.0	<u>18,961</u>	14.8

Information about USISH’s outstanding share options at each balance sheet date was as follows:

	Range of Exercise Price Per Share (RMB)	Remaining Contractual Life (Years)
<u>March 31, 2023</u>		
2015 share options	\$ 15.5	2.7
2019 share options	12.4	1.6
2020 share options	20.9	1.6

(Continued)

	Range of Exercise Price Per Share (RMB)	Remaining Contractual Life (Years)
<u>December 31, 2022</u>		
2015 share options	\$ 15.5	2.9
2019 share options	12.4	1.9
2020 share options	20.9	1.9
<u>March 31, 2022</u>		
2015 share options	15.5	3.7
2019 share options	12.7	2.6
2020 share options	21.2	2.6
		(Concluded)

AMPI

In May 2021, the authority approved AMPI's employee share options plan with the issuance up to 10,000 thousand units. The options are valid for 10 years, non-transferable and exercisable at certain percentages subsequent to the second anniversary of the grant date. For any subsequent changes in AMPI's capital structure, the exercise price will be adjusted accordingly. AMPI's board of directors resolved a capital reduction with the record date on July 25, 2022, and the exercise price of its share options was accordingly adjusted from NT\$7.5 to NT\$30.

Information about share options was as follows:

	<u>2023</u>	
	<u>For the three Months Ended March 31</u>	
	<u>Number of Options (In Thousands)</u>	<u>Exercise Price Per Share</u>
Balance at January 1 and March 31	<u>3,100</u>	\$ 30.0
Options exercisable, end of year	<u>-</u>	-

Information about AMPI's outstanding share options at each balance sheet date was as follows:

	Range of Exercise Price Per Share	Remaining Contractual Life (Years)
<u>March 31, 2023</u>		
2022 share options	\$ 30.0	9.1
<u>December 31, 2022</u>		
2022 share options	30.0	9.3

d. Employee restricted share plans of subsidiaries

In November 2019, USISH adopted the first restricted share plan (“2019 restricted stocks”) and granted 6,156 thousand ordinary shares to its directors (excluding independent directors), supervisors and employees. In April 2019, the board of directors further resolved to grant 6,403 thousand ordinary shares instead, while other terms remain constant. The plan was of 3 phases starting from 2019 and each phase lasts for 1 year with a valid period of 4.5 years, 3.5 years and 2.5 years, respectively. Upon satisfaction of certain performance conditions in each phase, participants are entitled to subscribe a certain percentage of the total USISH’s ordinary shares issued under the plan with a lock-up period of 1 year. The valid period may be early terminated or extended prior to one month of the expiration date depending on the conditions of ordinary shares granted. In the event that USISH increases share capital by capital surplus or by cash, or distributes share dividends or cash dividends, the exercise price is accordingly adjusted.

In September 2020, USISH adopted the second restricted share plan (“2020 restricted stocks”) and granted 425 thousand ordinary shares to its employees. The conditions of issued 2020 restricted stocks are the same as 2019 restricted stocks plan, except that the restricted stocks are valid for 2 years and the ordinary shares that USISH would issue to participants for free are with a lock-up period of 1.3 year.

In September 2021, USISH adopted the third restricted share plan (“2021 restricted stocks”) and granted 281 thousand ordinary shares to its expatriate staff. The conditions of issued 2021 restricted stocks are the same as 2020 restricted stocks plan.

Information about restricted shares was as follows:

	For the Three Months Ended March 31			
	2023		2022	
	Number of Options (In Thousands)	Exercise Price Per Share (RMB)	Number of Options (In Thousands)	Exercise Price Per Share (RMB)
Balance at January 1	1,984	\$ 10.7	3,565	\$ 10.2
Options exercised	(1,966)	10.8	-	-
Options forfeited	(18)	-	(7)	-
Balance at March 31	<u>-</u>	-	<u>3,558</u>	10.3
Options exercisable, end of period	<u>-</u>	-	<u>399</u>	-

Information about USISH’s outstanding restricted shares at each balance sheet date was as follows:

	Range of Exercise Price Per Share (RMB)	Remaining Contractual Life (Years)
<u>December 31, 2022</u>		
2019 restricted shares	\$ 12.4	1.3
2021 restricted shares	-	0.7
<u>March 31, 2022</u>		
2019 restricted shares	12.7	2.1
2020 restricted shares	-	0.5
2021 restricted shares	-	1.5

The Group's shareholdings in USISH decreased because the abovementioned restricted share plans were exercised during the three months ended March 31, 2023 and 2022. The transaction was accounted for as an equity transaction since the Group did not cease to have control over USISH and, as a result, capital surplus increased by NT\$36,504 thousand and NT\$8,963 thousand, respectively.

e. Fair value information

The fair values at the grant date and the record date of capital reduction of AMPI's 2022 share options plan were measured by using the trinomial tree model. The inputs to the models were as follows:

AMPI's 2022 share options plan

	<u>2022 share options plan</u>	<u>2022 share options plan after capital reduction</u>
Share price at the grant date	NT\$7.5 per share	NT\$30.2 per share
Exercise price	NT\$7.5 per share	NT\$30.0 per share
Expected volatility (%)	65.35-67.78	65.85-67.29
Expected lives (years)	6.0-7.0	5.8-6.8
Expected dividend yield	-	-
Risk free interest rate (%)	1.15-1.19	1.11-1.15

Expected volatilities were based on the annualized volatilities of AMPI's historical share prices.

For the three months ended March 31, 2023 and 2022, employee benefit expense recognized on the aforementioned employee share option plans and the restricted share plans were NT\$150,148 thousand and NT\$283,249 thousand, respectively.

29. EQUITY TRANSACTION WITH NON-CONTROLLING INTERESTS

In the first quarter of 2022, USISH repurchased its own 2,048 thousand outstanding ordinary shares, which made the Group's shareholdings of USISH increased. The transaction was accounted for as an equity transaction since the Group did not cease to have control over USISH and, as a result, the Company's capital surplus and retained earnings were then decreased by NT\$8,963 thousand and NT\$43,082 thousand, respectively.

30. CASH FLOW INFORMATION

a. Non-cash investing activities

In addition to other notes, the Group entered into the following investing activities which include both cash and non-cash items for the three months ended March 31, 2023 and 2022:

	For the Three Months Ended March 31	
	<u>2023</u>	<u>2022</u>
	NT\$	NT\$
Payments for property, plant and equipment		
Purchase of property, plant and equipment	\$ 10,725,715	\$ 17,735,783
Decrease in other non-current assets	(340,852)	(9,650)
Decrease (increase) in other payables	4,991,801	(416,191)
Capitalized borrowing costs	<u>(19,256)</u>	<u>(7,433)</u>
	<u>\$ 15,357,408</u>	<u>\$ 17,302,509</u>

(Continued)

	For the Three Months Ended March 31	
	2023	2022
	NT\$	NT\$
Proceeds from disposal of property, plant and equipment		
Consideration from disposal of property, plant and equipment	\$ 106,902	\$ 108,013
Increase in other receivables	35,943	(17,325)
Decrease in other current assets	8,188	-
Decrease in other non-current assets	-	29,264
	<u>\$ 151,033</u>	<u>\$ 119,952</u>
		(Concluded)

b. Changes in liabilities arising from financing activities

For the three months ended March 31, 2023

	Short-term borrowings (including financial liabilities for hedging)	Bonds payable	Long-term borrowings (including financial liabilities for hedging)	Lease liabilities	Total
	NT\$	NT\$	NT\$	NT\$	NT\$
Balance at January 1, 2023	\$ 46,731,130	\$ 47,850,324	\$ 99,989,451	\$ 7,708,487	\$ 202,279,392
Net financing cash flows	(1,535,161)	(1,794,680)	(8,291,010)	(287,948)	(11,908,799)
Interest under operating activities	-	-	-	(578)	(578)
Convertible bonds classified separately as equity components and embedded derivative liability	-	(37,844)	-	-	(37,844)
Non-cash changes					
Lease liabilities	-	-	-	146,158	146,158
Convertible bonds issued by subsidiaries and converted to ordinary shares	-	(172)	-	-	(172)
Amortization of discount and issuance cost	-	76,084	28,804	-	104,888
Lease modifications	-	-	-	(7,824)	(7,824)
Adjustments for government subsidy	-	-	(1,002)	-	(1,002)
Effects of foreign currency exchange	(38,198)	41,812	(273,783)	(4,412)	(274,581)
Balance at March 31, 2023	<u>\$ 45,157,771</u>	<u>\$ 46,135,524</u>	<u>\$ 91,452,460</u>	<u>\$ 7,553,883</u>	<u>\$ 190,299,638</u>

For the three months ended March 31, 2022

	Short-term borrowings (including financial liabilities for hedging)	Bonds payable	Long-term borrowings (including financial liabilities for hedging)	Lease liabilities	Total
	NT\$	NT\$	NT\$	NT\$	NT\$
Balance at January 1, 2022	\$ 41,036,429	\$ 52,267,337	\$ 126,472,490	\$ 7,399,884	\$ 227,176,140
Net financing cash flows	7,875,434	(3,696,572)	(9,488,562)	(244,618)	(5,554,318)
Interest under operating activities	-	-	-	62	62
Convertible bonds classified separately as equity components and embedded derivative liability	-	(480)	-	-	(480)
Non-cash changes					
Lease liabilities	-	-	-	227,427	227,427
Amortization of discount and issuance cost	-	37,446	33,438	-	70,884
Convertible bonds issued by subsidiaries and converted to ordinary shares	-	(48)	-	-	(48)
Lease modifications	-	-	-	(5,162)	(5,162)
Effects of foreign currency exchange	1,078,519	116,748	1,990,228	39,282	3,224,777
Balance at March 31, 2022	<u>\$ 49,990,382</u>	<u>\$ 48,724,431</u>	<u>\$ 119,007,594</u>	<u>\$ 7,416,875</u>	<u>\$ 225,139,282</u>

31. CAPITAL MANAGEMENT

The capital structure of the Group consists of debt and equity. The Group manages its capital to ensure that entities in the Group will be able to continue as going concerns while maximizing the return to shareholders through the optimization of the debt and equity balance. Key management personnel of the Group periodically reviews the cost of capital and the risks associated with each class of capital. In order to balance the overall capital structure, the Group may adjust the amount of dividends paid to shareholders, the number of new shares issued or repurchased, and the amount of new debt issued or existing debt redeemed.

The Group is not subject to any externally imposed capital requirements except those discussed in Note 20.

32. FINANCIAL INSTRUMENTS

a. Fair value of financial instruments that are not measured at fair value

1) Fair value of financial instruments not measured at fair value but for which fair value is disclosed

Except bonds payable measured at amortized cost, the management considered that the carrying amounts of financial assets and financial liabilities not measured at fair value approximate their fair values. The carrying amounts and fair value of bonds payable as of March 31, 2023, December 31, 2022 and March 31, 2022, respectively, were as follows:

	Carrying Amount	Fair Value
	NT\$	NT\$
March 31, 2023	\$ 46,135,524	\$ 45,500,237
December 31, 2022	47,850,324	47,027,018
March 31, 2022	48,724,431	48,806,080

2) Fair value hierarchy

The aforementioned fair value hierarchy of bonds payable was Level 3 which was determined based on discounted cash flow analysis with the applicable yield curve for the duration. The significant unobservable inputs is discount rates that reflected the credit risk.

b. Fair value of financial instruments that are measured at fair value on a recurring basis

1) Fair value hierarchy

	Level 1	Level 2	Level 3	Total
	NT\$	NT\$	NT\$	NT\$
<u>March 31, 2023</u>				
Financial assets at FVTPL				
Derivative financial assets				
Swap contracts	\$ -	\$ 1,585,142	\$ -	\$ 1,585,142
Forward exchange contracts	-	143,779	-	143,779
Non-derivative financial assets				
Quoted shares	2,590,659	-	-	2,590,659
Private-placement funds	-	-	1,612,937	1,612,937
				(Continued)

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
	NTS	NTS	NTS	NTS
Unquoted shares	\$ -	\$ -	\$ 671,216	\$ 671,216
Contingent considerations	-	-	434,466	434,466
Open-end mutual funds	<u>294,459</u>	<u>-</u>	<u>-</u>	<u>294,459</u>
	<u>\$ 2,885,118</u>	<u>\$ 1,728,921</u>	<u>\$ 2,718,619</u>	<u>\$ 7,332,658</u>
Financial assets at FVTOCI				
Investments in equity instruments				
Unquoted ordinary shares	\$ -	\$ -	\$ 466,181	\$ 466,181
Quoted ordinary shares	47,476	-	-	47,476
Unquoted preferred shares	-	-	14,030	14,030
Limited partnership	-	-	591	591
Investments in debt instruments				
Unsecured subordinate corporate bonds	-	-	1,055,463	1,055,463
Trade receivables, net	<u>-</u>	<u>-</u>	<u>4,667,164</u>	<u>4,667,164</u>
	<u>\$ 47,476</u>	<u>\$ -</u>	<u>\$ 6,203,429</u>	<u>\$ 6,250,905</u>
Financial liabilities at FVTPL				
Derivative financial liabilities				
Swap contracts	\$ -	\$ 522,629	\$ -	\$ 522,629
Forward exchange contracts	<u>-</u>	<u>44,218</u>	<u>-</u>	<u>44,218</u>
	<u>\$ -</u>	<u>\$ 566,847</u>	<u>\$ -</u>	<u>\$ 566,847</u>
<hr/>				
December 31, 2022				
<hr/>				
Financial assets at FVTPL				
Derivative financial assets				
Swap contracts	\$ -	\$ 3,205,828	\$ -	\$ 3,205,828
Forward exchange contracts	-	246,710	-	246,710
Non-derivative financial assets				
Quoted shares	2,521,964	-	-	2,521,964
Private-placement funds	-	-	1,599,932	1,599,932
Unquoted shares	-	-	628,156	628,156
Contingent considerations	-	-	438,176	438,176
Open-end mutual funds	<u>293,385</u>	<u>-</u>	<u>-</u>	<u>293,385</u>
	<u>\$ 2,815,349</u>	<u>\$ 3,452,538</u>	<u>\$ 2,666,264</u>	<u>\$ 8,934,151</u>
Financial assets at FVTOCI				
Investments in equity instruments				
Unquoted ordinary shares	\$ -	\$ -	\$ 419,491	\$ 419,491
Quoted ordinary shares	45,683	-	-	45,683

(Continued)

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
	NTS	NTS	NTS	NTS
Unquoted preferred shares	\$ -	\$ -	\$ 13,883	\$ 13,883
Limited partnership	-	-	3,502	3,502
Investments in debt instruments				
Unsecured subordinate corporate bonds	-	-	1,059,712	1,059,712
Trade receivables, net	<u>-</u>	<u>-</u>	<u>5,402,714</u>	<u>5,402,714</u>
	<u>\$ 45,683</u>	<u>\$ -</u>	<u>\$ 6,899,302</u>	<u>\$ 6,944,985</u>
Financial liabilities at FVTPL				
Derivative financial liabilities				
Swap contracts	\$ -	\$ 543,547	\$ -	\$ 543,547
Forward exchange contracts	<u>-</u>	<u>83,213</u>	<u>-</u>	<u>83,213</u>
	<u>\$ -</u>	<u>\$ 626,760</u>	<u>\$ -</u>	<u>\$ 626,760</u>
<u>March 31, 2022</u>				
Financial assets at FVTPL				
Derivative financial assets				
Swap contracts	\$ -	\$ 1,499,504	\$ -	\$ 1,499,504
Forward exchange contracts	-	155,558	-	155,558
Target redemption forward contracts	-	176	-	176
Non-derivative financial assets				
Quoted shares	2,845,358	-	-	2,845,358
Private-placement funds	-	-	1,577,596	1,577,596
Unquoted shares	-	-	630,537	630,537
Contingent considerations	-	-	408,427	408,427
Open-end mutual funds	<u>316,846</u>	<u>-</u>	<u>-</u>	<u>316,846</u>
	<u>\$ 3,162,204</u>	<u>\$ 1,655,238</u>	<u>\$ 2,616,560</u>	<u>\$ 7,434,002</u>
Financial assets at FVTOCI				
Investments in equity instruments				
Unquoted ordinary shares	\$ -	\$ -	\$ 775,831	\$ 775,831
Quoted ordinary shares	76,019	-	-	76,019
Unquoted preferred shares	-	-	13,534	13,534
Limited partnership	-	-	9,604	9,604
Investments in debt instruments				
Unsecured subordinate corporate bonds	-	-	1,072,173	1,072,173
Trade receivables, net	<u>-</u>	<u>-</u>	<u>6,722,998</u>	<u>6,722,998</u>
	<u>\$ 76,019</u>	<u>\$ -</u>	<u>\$ 8,594,140</u>	<u>\$ 8,670,159</u>

(Continued)

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
	NTS	NTS	NTS	NTS
Financial liabilities at FVTPL				
Derivative financial liabilities				
Swap contracts	\$ -	\$ 338,397	\$ -	\$ 338,397
Forward exchange contracts	-	139,330	-	139,330
Call option and put option of convertible bonds	-	10,209	-	10,209
	<u>-\$</u>	<u>\$ 487,936</u>	<u>-\$</u>	<u>\$ 487,936</u>
				(Concluded)

For the financial assets and liabilities that were measured at fair value on a recurring basis, there were no transfers between Level 1 and Level 2 of the fair value hierarchy during the three months ended March 31, 2023 and 2022.

2) Reconciliation of Level 3 fair value measurements of financial assets

For the three months ended March 31, 2023

Financial Assets	Financial Assets at FVTPL		Financial Assets at FVTOCI		Total
	Equity Instruments	Debt Instruments	Equity Instruments	Debt Instruments	
	NTS	NTS	NTS	NTS	
Balance at January 1	\$ 2,666,264	\$ -	\$ 436,876	\$ 6,462,426	\$ 9,565,566
Recognized in profit or loss	61,609	-	-	-	61,609
Recognized in other comprehensive income					
Included in unrealized gains (losses) on financial assets at FVTOCI	-	-	44,529	(4,249)	40,280
Effects of foreign currency exchange	(9,254)	-	(365)	-	(9,619)
Net increase (decrease) in trade receivables	-	1,387,728	-	(735,550)	652,178
Trade receivables factoring	-	(1,387,728)	-	-	(1,387,728)
Disposals	-	-	(238)	-	(238)
Balance at March 31	<u>\$ 2,718,619</u>	<u>\$ -</u>	<u>\$ 480,802</u>	<u>\$ 5,722,627</u>	<u>\$ 8,922,048</u>

For the three months ended March 31, 2022

Financial Assets	Financial Assets at FVTPL		Financial Assets at FVTOCI		Total
	Equity Instruments	Debt Instruments	Equity Instruments	Debt Instruments	
	NTS	NTS	NTS	NTS	
Balance at January 1	\$ 2,300,899	\$ -	\$ 841,231	\$ 7,168,920	\$ 10,311,050
Recognized in profit or loss	168,004	-	-	-	168,004
Recognized in other comprehensive income					
Included in unrealized losses on financial assets at FVTOCI	-	-	(63,937)	(4,285)	(68,222)
Effects of foreign currency exchange	66,306	-	1,675	-	67,981
Net increase in trade receivables	-	652,149	-	646,172	1,298,321
Trade receivables factoring	-	(652,149)	-	(15,636)	(667,785)
Purchases	81,351	-	20,000	-	101,351
Balance at March 31	<u>\$ 2,616,560</u>	<u>\$ -</u>	<u>\$ 798,969</u>	<u>\$ 7,795,171</u>	<u>\$ 11,210,700</u>

3) Valuation techniques and assumptions applied for the purpose of measuring fair value

- a) Valuation techniques and inputs applied for the purpose of measuring Level 2 fair value measurement

Financial Instruments	Valuation Techniques and Inputs
Derivatives - swap contracts and forward exchange contracts	Discounted cash flows - Future cash flows are estimated based on observable forward exchange rates at balance sheet dates and contract forward exchange rates, discounted at rates that reflected the credit risk of various counterparties.
Derivatives - call option and put option of convertible bonds	Option pricing models - Use of present value techniques and reflect the time value and intrinsic value of call option and put option.
Target redemption forward contracts	Valuation based on the spot exchange rate on the valuation date, the exercise price, the volatility in exchange rate, the contract period and the quoted risk free interest rate during the contract period.

- b) Valuation techniques and inputs applied for the purpose of measuring Level 3 fair value measurement

The fair value of unquoted ordinary shares, unquoted preferred shares, limited partnership and private-placement funds were determined by using market approach and asset-based approach. The significant unobservable inputs were the discount rates for lack of marketability of 8% to 30%. If the discount rates for lack of marketability to the valuation model increased by 1% to reflect reasonably possible alternative assumptions while all other variables held constant, the fair value of the abovementioned investments would have decreased approximately by NT\$10,500 thousand, NT\$6,600 thousand and NT\$18,400 thousand as of March 31, 2023, December 31, 2022 and March 31, 2022, respectively.

The fair values of the unsecured subordinate corporate bonds were determined using income approach based on a discounted cash flow analysis. The significant unobservable input was the discount rate that reflects the credit risk of the counterparty. If the discount rate increased by 0.1% while all other variables held constant, the fair value of the bonds would have decreased approximately by NT\$3,000 thousand, NT\$3,000 thousand and NT\$4,000 thousand as of March 31, 2023, December 31, 2022 and March 31, 2022, respectively.

The fair value of accounts receivables measured at FVTOCI are determined based on the present value of future cash flows that reflect the credit risk of counterparties. Since the discount effect was not significant, the Group measured its fair value by using the nominal values.

The fair value of the contingent considerations were determined by using the Monte Carlo Simulation method. If the estimated net profit fails to reach the performance specified in the agreement, the Group could receive the contingent considerations according to the agreement.

c. Categories of financial instruments

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	NT\$	NT\$	NT\$
<u>Financial assets</u>			
FVTPL			
Mandatorily at FVTPL	\$ 7,332,658	\$ 8,934,151	\$ 7,434,002
Measured at amortized cost (Note 1)	170,605,635	188,733,772	199,647,843
FVTOCI			
Equity instrument	528,278	482,559	874,988
Debt instrument	1,055,463	1,059,712	1,072,173
Trade receivables, net	4,667,164	5,402,714	6,722,998
<u>Financial liabilities</u>			
FVTPL			
Held for trading	566,847	626,760	487,936
Financial liabilities for hedging	12,253,348	12,204,620	11,703,136
Measured at amortized cost (Note 2)	279,400,277	318,478,685	337,490,823

Note 1: The balances included financial assets measured at amortized cost which comprised cash and cash equivalents, trade and other receivables and other financial assets.

Note 2: The balances included financial liabilities measured at amortized cost which comprised short-term borrowings, trade and other payables, bonds payable and long-term borrowings.

d. Financial risk management objectives and policies

The derivative instruments used by the Group were to mitigate risks arising from business operations. All derivative transactions entered into by the Group were designated as either hedging or trading. Derivative transactions entered into for hedging purposes must hedge risk against fluctuations in foreign exchange rates and interest rates arising from operating activities. The currencies and the amount of derivative instruments held by the Group must match its hedged assets and liabilities denominated in foreign currencies.

The Group's risk management department monitored risks to mitigate risk exposures, reported unsettled position, transaction balances and related gains or losses to the Group's chief financial officer on monthly basis.

1) Market risk

The Group's activities exposed it primarily to the financial risks of changes in foreign currency exchange rates and interest rates. Gains or losses arising from fluctuations in foreign currency exchange rates of a variety of derivative financial instruments were approximately offset by those of hedged items. Interest rate risk was not significant due to the cost of capital was expected to be fixed.

There had been no change to the Group's exposure to market risks or the manner in which these risks were managed and measured.

a) Foreign currency exchange rate risk

The Group had sales and purchases as well as financing activities denominated in foreign currency which exposed the Group to foreign currency exchange rate risk. The Group entered into a variety of derivative financial instruments to hedge foreign currency exchange rate risk to minimize the fluctuations of assets and liabilities denominated in foreign currencies.

The carrying amounts of the Group's foreign currency denominated monetary assets and liabilities (including those eliminated upon consolidation) as well as derivative instruments which exposed the Group to foreign currency exchange rate risk at each balance sheet date are presented in Note 37.

The Group was mainly subject to the impact from the exchange rate fluctuation in US\$ and JPY against NT\$, RMB or EUR. 1% fluctuation is used when reporting foreign currency exchange rate risk internally to key management personnel and represents management's assessment of the reasonably possible change in foreign currency exchange rates. The sensitivity analysis included financial assets and liabilities and inter-company receivables and payables within the Group. The changes in profit before income tax due to a 1% change in US\$ and JPY against NT\$, RMB and EUR would be NT\$56,000 thousand and NT\$64,000 thousand for the three months ended March 31, 2023 and 2022, respectively. Hedging contracts and hedged items have been taken into account while measuring the changes in profit before income tax. The abovementioned sensitivity analysis mainly focused on the foreign currency monetary items at each balance sheet date. As the period-end exposure did not reflect the exposure for the three months ended March 31, 2023 and 2022, the abovementioned sensitivity analysis was unrepresentative of those respective periods.

Hedge accounting

The Group's hedging strategy was to lift borrowings denominated in foreign currencies to mitigate exchange rate exposure from its investments in equity instruments denominated in foreign currencies (recognized under the line item of financial assets at FVTPL) and net investment in foreign subsidiary, USIFR, which has EUR as its functional currency. Those transactions were designated as fair value hedges and a hedge of net investment in foreign operation, respectively. Hedge adjustments were made to totally offset the foreign exchange gains or losses from those equity instruments denominated in foreign currencies and foreign operations when they were evaluated based on the exchange rates on each balance sheet date.

The source of hedge ineffectiveness in these hedging relationships arose from the material difference between the notional amounts of borrowings denominated in foreign currencies and the original of investments in equity instruments denominated in foreign currencies and net investment in foreign operations. No other sources of ineffectiveness is expected to emerge from these hedging relationships.

March 31, 2023

Hedging Instrument/ Hedged Items	Line item in Balance sheet	Carrying Amount	
		Asset	Liability
		NT\$	NT\$
Fair value hedge			
Borrowings denominated in foreign currencies/ Financial assets at FVTPL	Financial liabilities for hedging – current	\$ -	\$ 3,229,681
Hedge of net investment in foreign operation	Financial liabilities for hedging – current	-	9,023,667

Hedging Instrument / Hedged Item	Change in Value Used for Calculating Hedge Ineffectiveness		Accumulated Gains or Losses in Other Equity		Carrying Amount of Hedged Item in Fair Value Hedge	Accumulated Amount of Fair Value Hedge Adjustments on Hedged Item
	Hedging Instrument	Hedged Item	Continuing Hedges	Hedge Accounting No Longer Applied	Asset	Asset
	NT\$	NT\$	NT\$	NT\$	NT\$	NT\$
Fair value hedge						
Borrowings denominated in foreign currencies/ Financial assets at FVTPL	\$ 49,124	\$ (49,124)	\$ -	\$ -	\$ 2328,429	\$ 38,399
Hedge of net investment in foreign operation	171,357	(171,357)	501,648	-	-	-

December 31, 2022

Hedging Instrument/ Hedged Items	Line item in Balance sheet	Carrying Amount	
		Asset	Liability
		NT\$	NT\$
Fair value hedge			
Borrowings denominated in foreign currencies/ Financial assets at FVTPL	Financial liabilities for hedging – current	\$ -	\$ 3,278,805
Hedge of net investment in foreign operation	Financial liabilities for hedging – current	-	8,925,815

Hedging Instrument / Hedged Item	Change in Value Used for Calculating Hedge Ineffectiveness		Accumulated Gains or Losses in Other Equity		Carrying Amount of Hedged Item in Fair Value Hedge	Accumulated Amount of Fair Value Hedge Adjustments on Hedged Item
	Hedging Instrument	Hedged Item	Continuing Hedges	Hedge Accounting No Longer Applied	Asset	Asset
	NT\$	NT\$	NT\$	NT\$	NT\$	NT\$
Fair value hedge						
Borrowings denominated in foreign currencies/ Financial assets at FVTPL	\$ (323,884)	\$ 323,884	\$ -	\$ -	\$ 2,282,343	\$ 87,522
Hedge of net investment in foreign operation	(509,229)	509,229	673,005	-	-	-

March 31, 2022

Hedging Instrument/ Hedged Items	Line item in Balance sheet	Carrying Amount	
		Asset	Liability
		NT\$	NT\$
Fair value hedge			
Borrowings denominated in foreign currencies/ Financial assets at FVTPL	Financial liabilities for hedging – current	\$ -	\$ 3,044,010
Hedge of net investment in foreign operation	Financial liabilities for hedging – current	-	3,813,193
Hedge of net investment in foreign operation	Financial liabilities for hedging – non-current	-	4,845,933

Hedging Instrument / Hedged Item	Change in Value Used for Calculating Hedge Ineffectiveness		Accumulated Gains or Losses in Other Equity		Carrying Amount of Hedged Item in Fair Value Hedge	Accumulated Amount of Fair Value Hedge Adjustments on Hedged Item
	Hedging Instrument	Hedged Item	Continuing Hedges	Hedge Accounting No Longer Applied	Asset	Asset
	NT\$	NT\$	NT\$	NT\$	NT\$	NT\$
Fair value hedge						
Borrowings denominated in foreign currencies/ Financial assets at FVTPL	\$ (89,089)	\$ 89,089	\$ -	\$ -	\$ 2,481,479	\$ (147,273)
Hedge of net investment in foreign operation	(172,406)	172,406	336,182	-	-	-

b) Interest rate risk

Except a portion of long-term borrowings and bonds payable at fixed interest rates, the Group was exposed to interest rate risk because group entities borrowed funds at floating interest rates. Changes in market interest rates led to variances in effective interest rates of borrowings from which the future cash flow fluctuations arise. The Group utilized financing instruments with low interest rates and favorable terms to maintain low financing cost, adequate banking facilities, as well as to hedge interest rate risk.

The carrying amounts of the Group's financial assets and financial liabilities with exposure to interest rates at each balance sheet date were as follows:

	March 31, 2023	December 31, 2022	March 31, 2022
	NT\$	NT\$	NT\$
Fair value interest rate risk			
Financial assets	\$ 17,442,145	\$ 16,434,562	\$ 39,431,696
Financial liabilities	89,016,769	91,152,265	74,183,790
Cash flow interest rate risk			
Financial assets	45,684,926	41,964,775	43,564,670
Financial liabilities	112,010,078	121,370,564	156,833,578

For assets and liabilities with floating interest rates, a 100 basis point increase or decrease was used when reporting interest rate risk internally to key management personnel. If interest rates had been 100 basis points (1%) higher or lower and all other variables held constant, the Group's profit before income tax for the three months ended March 31, 2023 and 2022 would have decreased or increased approximately by NT\$ 166,000 thousand and NT\$ 283,000 thousand, respectively. Hedging contracts and hedged items have been taken into account while measuring the changes in profit before income tax. The abovementioned sensitivity analysis mainly focused on the interest rate items at the end of each reporting period. As the period-end exposure did not reflect the exposure for the three months ended March 31, 2022 and 2021, the abovementioned sensitivity analysis was unrepresentative of those respective periods.

c) Other price risk

The Group was exposed to equity price risk through its investments in financial assets at FVTPL and financial assets at FVTOCI. If equity price was 1% higher or lower, profit before income tax for the three months ended March 31, 2023 and 2022 would have increased or decreased approximately by NT\$ 52,000 thousand and NT\$ 54,000 thousand, respectively, and other comprehensive income before income tax for the three months ended March 31, 2023 and 2022 would have increased or decreased approximately by NT\$5,000 thousand and NT\$9,000 thousand, respectively.

2) Credit risk

Credit risk refers to the risk that counterparty will default on its contractual obligations resulting in financial loss to the Group. The Group's credit risk arises from cash and cash equivalents, trade and other receivables and other financial assets. The Group's maximum exposure to credit risk was the carrying amounts of financial assets in the consolidated balance sheets.

As of March 31, 2023, December 31, 2022 and March 31, 2022, the Group's five largest customers accounted for 29%, 30% and 34% of trade receivables, respectively. The Group transacts with a large number of unrelated customers and, thus, no concentration of credit risk was observed.

3) Liquidity risk

The Group manages liquidity risk by maintaining adequate working capital and banking facilities to fulfill the demand for cash flow used in the Group's operation and capital expenditure. The Group also monitors its compliance with all the loan covenants. Liquidity risk is not considered to be significant.

In the table below, financial liabilities with a repayment on demand clause were included in the earliest time band regardless of the probability of counter-parties choosing to exercise their rights. The maturity dates for other non-derivative financial liabilities were based on the agreed repayment dates.

To the extent that interest flows are floating rate, the undiscounted amounts were derived from the interest rates at each balance sheet date.

March 31, 2023

	<u>On Demand or Less than 1 Month</u> NT\$	<u>1 to 3 Months</u> NT\$	<u>3 Months to 1 Year</u> NT\$	<u>1 to 5 Years</u> NT\$	<u>More than 5 Years</u> NT\$
<u>Non-derivative financial liabilities</u>					
Non-interest bearing	\$ 49,781,449	\$ 28,003,649	\$ 47,509,670	\$ 18,470	\$ 74,011
Obligation under leases	131,204	207,897	716,355	2,625,214	5,074,006
Floating interest rate liabilities	11,041,324	6,890,435	10,669,546	85,238,805	5,301,176
Fixed interest rate liabilities	<u>13,878,160</u>	<u>7,921,693</u>	<u>10,514,343</u>	<u>40,579,632</u>	<u>-</u>
	<u>\$ 74,832,137</u>	<u>\$ 43,023,674</u>	<u>\$ 69,409,914</u>	<u>\$128,462,121</u>	<u>\$ 10,449,193</u>

Further information for maturity analysis of obligation under leases was as follows:

	<u>Less than 1 Year</u> NT\$	<u>1 to 5 Years</u> NT\$	<u>5 to 10 Years</u> NT\$	<u>10 to 15 Years</u> NT\$	<u>15 to 20 Years</u> NT\$	<u>More than 20 Years</u> NT\$
Obligation under leases	<u>\$ 1,055,426</u>	<u>\$ 2,625,214</u>	<u>\$ 1,538,252</u>	<u>\$ 931,729</u>	<u>\$ 877,780</u>	<u>\$ 1,726,245</u>

December 31, 2022

	<u>On Demand or Less than 1 Month</u> NT\$	<u>1 to 3 Months</u> NT\$	<u>3 Months to 1 Year</u> NT\$	<u>1 to 5 Years</u> NT\$	<u>More than 5 Years</u> NT\$
<u>Non-derivative financial liabilities</u>					
Non-interest bearing	\$ 65,356,106	\$ 33,887,460	\$ 11,145,612	\$ 20,498	\$ 74,643
Obligation under leases	120,733	201,686	790,427	2,685,977	5,147,266

(Continued)

	On Demand or Less than 1 Month	1 to 3 Months	3 Months to 1 Year	1 to 5 Years	More than 5 Years
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Floating interest rate liabilities	\$ 9,251,237	\$ 10,982,036	\$ 9,652,804	\$ 93,837,521	\$ 5,648,699
Fixed interest rate liabilities	<u>12,530,681</u>	<u>9,209,134</u>	<u>9,055,918</u>	<u>44,756,570</u>	<u>29,280</u>
	<u>\$ 87,258,757</u>	<u>\$ 54,280,316</u>	<u>\$ 30,644,761</u>	<u>\$141,300,566</u>	<u>\$ 10,899,888</u>

(Concluded)

Further information for maturity analysis of obligation under leases was as follows:

	Less than 1 Year	1 to 5 Years	5 to 10 Years	10 to 15 Years	15 to 20 Years	More than 20 Years
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Obligation under leases	<u>\$ 1,112,846</u>	<u>\$ 2,685,977</u>	<u>\$ 1,536,779</u>	<u>\$ 939,751</u>	<u>\$ 881,803</u>	<u>\$ 1,788,933</u>

March 31, 2022

	On Demand or Less than 1 Month	1 to 3 Months	3 Months to 1 Year	1 to 5 Years	More than 5 Years
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
<u>Non-derivative financial liabilities</u>					
Non-interest bearing	\$ 53,519,158	\$ 48,301,060	\$ 38,625,983	\$ 106,418	\$ 69,841
Obligation under leases	116,912	166,095	688,681	2,602,258	4,899,479
Floating interest rate liabilities	13,609,636	9,253,627	15,151,659	107,215,392	7,072,613
Fixed interest rate liabilities	<u>5,719,164</u>	<u>6,021,761</u>	<u>13,105,755</u>	<u>45,081,976</u>	<u>2,048,280</u>
	<u>\$ 72,964,870</u>	<u>\$ 63,742,543</u>	<u>\$67,572,078</u>	<u>\$155,006,044</u>	<u>\$ 14,090,213</u>

Further information for maturity analysis of obligation under leases was as follows:

	Less than 1 Year	1 to 5 Years	5 to 10 Years	10 to 15 Years	15 to 20 Years	More than 20 Years
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Obligation under leases	<u>\$ 971,688</u>	<u>\$ 2,602,258</u>	<u>\$ 1,690,342</u>	<u>\$ 885,290</u>	<u>\$ 810,685</u>	<u>\$ 1,513,162</u>

The amounts included above for floating interest rate instruments for non-derivative financial liabilities were subject to change if changes in floating interest rates differ from those estimates of interest rates determined at each balance sheet date.

The following table detailed the Group's liquidity analysis for its derivative financial instruments. The table was based on the undiscounted contractual net cash inflows and outflows on derivative instruments settled on a net basis, and the undiscounted gross cash inflows and outflows on those derivatives that require gross settlement. When the amounts payable or receivable are not fixed, the amounts disclosed have been determined by reference to the projected interest rates as illustrated by the yield curves at each balance sheet date.

	On Demand or Less than 1 Month	1 to 3 Months	3 Months to 1 Year
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
<u>March 31, 2023</u>			
Net settled			
Forward exchange contracts	<u>\$ 23,048</u>	<u>\$ 12,831</u>	<u>\$ -</u>

(Continued)

	On Demand or Less than 1 Month	1 to 3 Months	3 Months to 1 Year
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Gross settled			
Forward exchange contracts			
Inflows	\$ 10,859,295	\$ 1,980,596	\$ 378,702
Outflows	<u>(10,863,310)</u>	<u>(1,971,767)</u>	<u>(328,860)</u>
	<u>(4,015)</u>	<u>8,829</u>	<u>49,842</u>
Swap contracts			
Inflows	27,929,662	15,068,083	62,118,000
Outflows	<u>(27,596,342)</u>	<u>(14,397,978)</u>	<u>(60,521,844)</u>
	<u>333,320</u>	<u>670,105</u>	<u>1,596,156</u>
	<u>\$ 329,305</u>	<u>\$ 678,934</u>	<u>\$ 1,645,998</u>
<hr/> December 31, 2022 <hr/>			
Net settled			
Forward exchange contracts	<u>\$ (11,136)</u>	<u>\$ 11,994</u>	<u>\$ -</u>
Gross settled			
Forward exchange contracts			
Inflows	\$ 13,398,921	\$ 4,688,786	\$ 599,796
Outflows	<u>(13,310,433)</u>	<u>(4,687,958)</u>	<u>(534,354)</u>
	<u>88,488</u>	<u>828</u>	<u>65,442</u>
Swap contracts			
Inflows	32,274,691	16,429,850	62,187,750
Outflows	<u>(31,891,439)</u>	<u>(15,016,775)</u>	<u>(59,838,031)</u>
	<u>383,252</u>	<u>1,413,075</u>	<u>2,349,719</u>
	<u>\$ 471,740</u>	<u>\$ 1,413,903</u>	<u>\$ 2,415,161</u>
<hr/> March 31, 2022 <hr/>			
Net settled			
Forward exchange contracts	<u>\$ 29,957</u>	<u>\$ 33,009</u>	<u>\$ 8,975</u>
Gross settled			
Forward exchange contracts			
Inflows	4,692,676	6,602,648	1,268,683
Outflows	<u>(4,730,118)</u>	<u>(6,597,140)</u>	<u>(1,259,500)</u>
	<u>(37,442)</u>	<u>5,508</u>	<u>9,183</u>
Swap contracts			
Inflows	29,622,499	16,662,844	43,796,250
Outflows	<u>(29,876,483)</u>	<u>(16,354,724)</u>	<u>(42,417,877)</u>
	<u>(253,984)</u>	<u>308,120</u>	<u>1,378,373</u>

(Continued)

	On Demand or Less than 1 Month	1 to 3 Months	3 Months to 1 Year
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
Target redemption forward contracts			
Inflows	\$ 5,725	\$ -	\$ -
Outflows	<u>(5,522)</u>	<u>-</u>	<u>-</u>
	<u>203</u>	<u>-</u>	<u>-</u>
	<u>\$ (291,223)</u>	<u>\$ 313,628</u>	<u>\$ 1,387,556</u> (Concluded)

33. RELATED PARTY TRANSACTIONS

Balances and transactions within the Group had been eliminated upon consolidation. Details of transactions between the Group and other related parties were disclosed as follows:

a. Related parties

In addition to those disclosed in Note 14, the related parties were as follows:

<u>Related Parties</u>	<u>Relationship with the Group</u>
ASE Cultural and Educational Foundation	Substantial related party
ASE Environmental Protection and Sustainability Foundation	Substantial related party

b. Contribution of related party

<u>Relationship and Name of Related Party</u>	<u>For the Three Months Ended March 31</u>	
	<u>2023</u>	<u>2022</u>
	<u>NT\$</u>	<u>NT\$</u>
Substantial related party		
ASE Environmental Protection and Sustainability Foundation	\$ 100,000	\$ 100,000
ASE Cultural and Educational Foundation	<u>10,000</u>	<u>-</u>
	<u>\$ 110,000</u>	<u>\$ 100,000</u>

- c. ASE and ASEE entered into a joint construction and allocation of housing units agreement with HC in August 2021, respectively. The agreement stipulated that ASE and ASEE will provide land and leasehold land and HC will provide funds for the joint construction of the plant and consult with a professional appraisal firm to evaluate the allocation ratio under joint construction. After the completion of the plant construction, ASE, ASEE and its affiliates will have the priority to purchase the plant, which would have been obtained by HC based on the agreed proportion of joint construction. Since the joint construction agreement between ASEE and HC didn't come to fruition and, therefore, the joint construction agreement was terminated with mutual consent of both parties, and the board of directors of ASEE resolved to terminate the joint construction agreement in May 2022.

- d. ASE entered into a joint construction and allocation of housing units agreement with HC in April 2022. The agreement stipulates that ASE and HC will provide a part of land and funds, respectively, for the joint construction of the plant and consult with a professional appraisal firm to evaluate the allocation ratio under joint construction. After the completion of the plant construction, ASE will have the priority to purchase the plant, which would be obtained by HC based on the agreed proportion of joint construction.
- e. Compensation to key management personnel

	For the Three Months Ended	
	March 31	
	2023	2022
	NT\$	NT\$
Short-term employee benefits	\$ 289,055	\$ 404,571
Post-employment benefits	1,353	822
Share-based payments	<u>66,281</u>	<u>128,198</u>
	<u>\$ 356,689</u>	<u>\$ 533,591</u>

The compensation to the Group's key management personnel was determined according to personal performance and market trends.

34. ASSETS PLEDGED AS COLLATERAL OR FOR SECURITY

The following assets were provided as collateral for bank borrowings, tariff guarantees of imported raw materials or collateral:

	March 31,	December 31,	March 31,
	2023	2022	2022
	NT\$	NT\$	NT\$
Inventories related to real estate business	\$ 2,640,583	\$ 2,627,606	\$ 2,687,024
Property, plant and equipment	102,948	105,237	112,102
Investment properties	20,062,199	20,196,582	21,360,535
Other financial assets (including current and non-current)	<u>474,216</u>	<u>454,122</u>	<u>439,155</u>
	<u>\$ 23,279,946</u>	<u>\$ 23,383,547</u>	<u>\$ 24,598,816</u>

35. SIGNIFICANT CONTINGENT LIABILITIES AND UNRECOGNIZED COMMITMENTS

In addition to those disclosed in other notes, significant commitments and contingencies of the Group as of each balance sheet date were as follows:

- a. As of March 31, 2023, December 31, 2022 and March 31, 2022, unused letters of credit of the Group were approximately NT\$382,000 thousand, NT\$579,000 thousand and NT\$227,000 thousand, respectively.
- b. As of March 31, 2023, December 31, 2022 and March 31, 2022, letters of bank guarantee provided to customs for the import and export of goods with bank facilities granted to the Group were approximately NT\$629,715 thousand, NT\$622,539 thousand and NT\$653,495 thousand, respectively.

- c. As of March 31, 2023, December 31, 2022 and March 31, 2022, the Group's outstanding commitments to purchase property, plant and equipment were approximately NT\$53,031,509 thousand, NT\$59,675,567 thousand and NT\$55,089,847 thousand, respectively, of which NT\$2,491,031 thousand, NT\$3,689,863 thousand and NT\$5,155,924 thousand had been prepaid, respectively.
- d. The Group entered into long-term purchase agreements of materials and supplies with multiple suppliers. The relative minimum purchase quantity is specified in the agreements.
- e. The Group entered into long-term agreements with multiple customers. The relative minimum order quantity to customers and minimum purchase quantity of materials from suppliers are specified in the agreements.
- f. In December 2022, in consideration of corporate social responsibility, the board of directors of ASE resolved the disbursements of NT\$20,000 thousand to ASE Cultural and Educational Foundation for promoting the cultural and educational activities to fulfill the Group's social responsibilities. As of March 31, 2023, the payment amount is disclosed in Note 33.
- g. In December 2013, in consideration of corporate social responsibility for environmental protection, the board of directors of ASE, approved the contributions of at least NT\$100,000 thousand annually to be made in the next 30 years, with a total amount of at least NT\$3,000,000 thousand, for promoting environmental protection efforts in Taiwan.

36. OTHERS

On December 20, 2013, the Kaohsiung Environmental Protection Bureau (the "KEPB") imposed an administrative fine of NT\$102,014 thousand (the "Original Fine") upon ASE for violation of the Water Pollution Control Act. After ASE sought administrative remedies against the Original Fine, the Original Fine has been revoked by final judgment of Supreme Administrative Court on June 8, 2017, and KEPB is ordered to refund the Original Fine to ASE. On December 27, 2019, KEPB has refunded NT\$55,062 thousand to ASE. On February 10, 2020, KEPB re-imposed an administrative fine of NT\$46,952 thousand (the "New Fine") upon ASE and offset the New Fine by the remaining amount which shall be refunded to ASE. Therefore, no additional payment that ASE should make for the New Fine. After ASE filed an administrative appeal against the New Fine, the Administrative Appeal Review Committee of Kaohsiung City Government has revoked the New Fine on December 15, 2020 and remanded to KEPB for another legitimate administrative action.

In March 2023, the board of directors of GAPT Ltd. resolved to acquire around 19% shareholding of Hong Kong United Ascend Holdings Limited. The payment of all consideration will be made with the remaining proceed (USD380,000 thousands) from the disposal of subsidiaries in 2021. The investment is subject to the approval by the Investment Commission of the Ministry of Economic Affairs (MOEAIC) and other relevant competent authorities.

37. SIGNIFICANT ASSETS AND LIABILITIES DENOMINATED IN FOREIGN CURRENCIES

The following information was aggregated by the foreign currencies other than functional currencies of the group entities and the exchange rates between foreign currencies and respective functional currencies were disclosed. The significant financial assets and liabilities denominated in foreign currencies were as follows:

	Foreign Currencies (In Thousand)	Exchange Rate	Carrying Amount (In Thousand)
<u>March 31, 2023</u>			
Monetary financial assets			
US\$	\$ 5,104,884	USD\$1=NTD\$30.45	\$ 155,443,718
US\$	1,092,959	USD\$1=RMB6.8717	33,280,604
US\$	26,888	USD\$1=EUR0.9195	818,740
JPY	8,284,367	JPY1= NTD\$0.2288	1,895,463
JPY	217,208	JPY1= USD\$0.0075	49,697
Monetary financial liabilities			
US\$	5,078,502	USD\$1=NTD\$30.45	154,640,385
US\$	918,180	USD\$1=RMB6.8717	27,958,595
US\$	43,085	USD\$1=EUR0.9195	1,311,929
JPY	7,473,107	JPY1= NTD\$0.2288	1,709,846
JPY	961,614	JPY1= USD\$0.0075	220,017
<u>December 31, 2022</u>			
Monetary financial assets			
US\$	5,602,783	US\$1=NT\$30.71	172,061,459
US\$	1,517,342	US\$1=RMB6.9646	46,597,573
US\$	24,066	US\$1=EUR0.9376	739,064
JPY	8,599,044	JPY1=NT\$0.2324	1,998,417
JPY	410,433	JPY1=US\$0.0076	95,385
Monetary financial liabilities			
US\$	5,539,862	US\$1=NT\$30.71	170,129,161
US\$	1,361,060	US\$1=RMB6.9646	41,798,164
US\$	56,203	US\$1=EUR0.9376	1,725,989
JPY	10,093,229	JPY1=NT\$0.2324	2,345,666
JPY	343,989	JPY1=US\$0.0076	79,943
<u>March 31, 2022</u>			
Monetary financial assets			
US\$	5,042,191	US\$1=NT\$28.625	144,332,728
US\$	1,429,614	US\$1=RMB6.3482	40,922,703
US\$	22,619	US\$1=EUR0.9008	647,459
JPY	12,883,257	JPY1=NT\$0.2353	3,031,431
JPY	419,108	JPY1=US\$0.0082	98,616
Monetary financial liabilities			
US\$	4,969,238	US\$1=NT\$28.625	142,244,438
US\$	1,238,786	US\$1=RMB6.3482	35,460,250
US\$	43,982	US\$1=EUR0.9008	1,258,983
JPY	15,138,990	JPY1=NT\$0.2353	3,562,205
JPY	432,154	JPY1=US\$0.0082	101,686

The significant realized and unrealized foreign exchange gain (loss) were as follows:

Foreign Currencies	For the Three Months Ended March 31, 2023		For the Three Months Ended March 31, 2022	
	Exchange Rate	Net Foreign Exchange Gain (Loss)	Exchange Rate	Net Foreign Exchange Gain (Loss)
US\$	US\$1=NT\$30.45	\$ 236,899	US\$1=NT\$28.625	\$ 105,311
NT\$		473,590		(1,140,670)
RMB	RMB1=NT\$4.4312	<u>(188,819)</u>	RMB1=NT\$4.5092	<u>(45,110)</u>
		<u>\$ 521,670</u>		<u>\$ (1,080,469)</u>

38. ADDITIONAL DISCLOSURES

Following are the additional disclosures required by the Securities and Futures Bureau for the Group:

- a. Financial provided: Please see Table 1 attached;
- b. Endorsement/guarantee provided: Please see Table 2 attached;
- c. Marketable securities held (excluding investments in subsidiaries, associates and joint venture): Please see Table 3 attached;
- d. Marketable securities acquired and disposed of at costs or prices of at least NT\$300 million or 20% of the paid-in capital: Please see Table 4 attached;
- e. Acquisition of individual real estate properties at costs of at least NT\$300 million or 20% of the paid-in capital: Please see Table 5 attached;
- f. Disposal of individual real estate properties at prices of at least NT\$300 million or 20% of the paid-in capital: None;
- g. Total purchase from or sales to related parties of at least NT\$100 million or 20% of the paid-in capital: Please see Table 6 attached;
- h. Receivables from related parties amounting to at least NT\$100 million or 20% of the paid-in capital: Please see Table 7 attached;
- i. Information about the derivative financial instruments transaction: Please see Note 7;
- j. Others: The business relationship between the parent and the subsidiaries and significant transactions between them: Please see Table 10 attached;
- k. Names, locations, and related information of investees over which the Group exercises significant influence (excluding information on investment in Mainland China): Please see Table 8 attached;
- l. Information of major shareholders: List all shareholders with ownership of 5% or greater showing the name of the shareholder, the number of shares owned, and percentage of ownership of each shareholder: Please see Table 11 attached;

m. Information on investment in Mainland China

- 1) The name of the investee in Mainland China, the main businesses and products, its issued capital, method of investment, information on inflow or outflow of capital, percentage of ownership, income (losses) of the investee, share of profits/losses of investee, ending balance, amount received as dividends from the investee, and the limitation on investee: Please see Table 9 attached;
- 2) Any of the following significant transactions with investee companies in mainland China, either directly or indirectly through a third party, and their prices, payment terms, and unrealized gains or losses:
 - a) The amount and percentage of purchases and the balance and percentage of the related payables at the end of the period: Please see Table 6 attached;
 - b) The amount and percentage of sales and the balance and percentage of the related receivables at the end of the period: Please see Table 6 attached;
 - c) The amount of property transactions and the amount of the resultant gains or losses: No significant transactions;
 - d) The balance of negotiable instrument endorsements or guarantees or pledges of collateral at the end of the period and the purposes: None;
 - e) The highest balance, the end of period balance, the interest rate range, and total current period interest with respect to financing of funds: Please see Table 1 attached;
 - f) Other transactions that have a material effect on the profit or loss for the period or on the financial position, such as the rendering or receiving of services: None.

39. OPERATING SEGMENTS INFORMATION

The Group has the following reportable segments: Packaging, Testing and EMS. The Group packages bare semiconductors into finished semiconductors with enhanced electrical and thermal characteristics; provides testing services, including front-end engineering testing, wafer probing and final testing services; engages in the designing, assembling, manufacturing and sale of electronic components and telecommunications equipment motherboards. Information about other business activities and operating segments that are not reportable are combined and disclosed in “Others.” The Group engages in other activities such as substrate production as well as sale and leasing of real estate properties.

The accounting policies for segments are the same as those described in Note 4. The measurement basis for resources allocation and performance evaluation is based on profit before income tax.

Segment revenues and operation results

	<u>Packaging</u> NTS	<u>Testing</u> NTS	<u>EMS</u> NTS	<u>Others</u> NTS	<u>Adjustment and Elimination</u> NTS	<u>Total</u> NTS
<u>For the three months ended March 31, 2023</u>						
Revenue from external customers	\$ 60,029,467	\$ 11,407,139	\$ 57,730,873	\$ 1,723,594	\$ -	\$ 13,0891,073
Inter-segment revenues (Note 1)	929,702	129,411	6,442,252	1,977,552	(9,478,917)	-
Segment profit before income tax	4,766,936	1,836,602	1,323,677	(56,870)	-	7,870,345
<u>For the three months ended March 31, 2022</u>						
Revenue from external customers	68,382,703	12,582,630	61,162,737	2,262,757	-	144,390,827
Inter-segment revenues (Note 1)	1,641,528	88,051	6,739,930	2,055,911	(10,525,420)	-
Segment profit before income tax	11,026,367	3,030,864	2,141,316	464,074	-	16,662,621

Note 1: Inter-group revenues were eliminated upon consolidation.

Note 2: The disaggregated product and service type from the Group's contract with customer is the same as those disclosed in above reportable segment.

Contract assets – current

	<u>Packaging</u>	<u>Testing</u>	<u>EMS</u>	<u>Others</u>	<u>Adjustment and Elimination</u>	<u>Total</u>
	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>	<u>NT\$</u>
As of March 31, 2023	<u>\$ 3,867,355</u>	<u>\$ 801,828</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$4,669,183</u>
As of December 31, 2022	<u>\$ 4,816,541</u>	<u>\$ 861,632</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$5,731,173</u>
As of March 31, 2022	<u>\$ 5,199,818</u>	<u>\$ 922,110</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$6,121,928</u>

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

FINANCINGS PROVIDED
FOR THE THREE MONTHS ENDED MARCH 31, 2023
(Amounts In Thousands of New Taiwan Dollars)

No.	Financing Company	Counter-party	Financial Statement Account	Related Party	Maximum Balance for the Period	Ending Balance	Amount Actual Drawn	Interest Rate (%)	Nature for Financing	Transaction Amounts	Reason for Financing	Allowance for Bad Debt	Collateral		Financing Limits for Each Borrowing Company	Financing Company's Total Financing Amount Limits
													Item	Value		
1	ASE Test, Inc.	The Company	Other receivables from related parties	Yes	\$ 4,500,000	\$ 4,500,000	\$ 4,200,000	1.45	The need for short-term financing	\$ -	Operating capital	\$ -	-	\$ -	\$ 12,476,800 (Note 1)	\$ 12,476,800 (Note 2)
2	ASE Electronics Inc.	The Company	Other receivables from related parties	Yes	1,710,000	1,710,000	1,580,000	1.45-1.58	The need for short-term financing	-	Operating capital	-	-	-	1,779,866 (Note 1)	1,779,866 (Note 2)
3	A.S.E. Holding Limited	ASE	Long-term receivables from related parties	Yes	15,240,000	15,225,000	14,031,360	-	The need for short-term financing	-	Operating capital	-	-	-	20,153,642 (Note 3)	20,153,642 (Note 3)
		Alto Enterprises Limited	Other receivables from related parties	Yes	3,004	-	-	-	The need for short-term financing	-	Operating capital	-	-	-	20,153,642 (Note 3)	20,153,642 (Note 3)
		USI Enterprise Limited	Long-term receivables from related parties	Yes	1,645,920	1,644,300	-	-	The need for short-term financing	-	Operating capital	-	-	-	20,153,642 (Note 3)	20,153,642 (Note 3)
		J&R Holding Limited	Long-term receivables from related parties	Yes	1,645,920	1,644,300	1,409,835	-	The need for short-term financing	-	Operating capital	-	-	-	20,153,642 (Note 3)	20,153,642 (Note 3)
		ASE Corporation	Long-term receivables from related parties	Yes	45,675	45,675	45,675	-	The need for short-term financing	-	Operating capital	-	-	-	20,153,642 (Note 3)	20,153,642 (Note 3)
4	ASE Test Limited	ASE	Other receivables from related parties	Yes	6,346,396	1,653,435	-	5.99-6.22	The need for short-term financing	-	Operating capital	-	-	-	29,712,563 (Note 3)	29,712,563 (Note 3)
		J&R Holding Limited	Long-term receivables from related parties	Yes	5,425,440	5,420,100	4,777,605	4.79-5.07	The need for short-term financing	-	Operating capital	-	-	-	29,712,563 (Note 3)	29,712,563 (Note 3)
		USI Enterprise Limited	Long-term receivables from related parties	Yes	4,655,425	1,278,900	700,350	4.79-5.07	The need for short-term financing	-	Operating capital	-	-	-	29,712,563 (Note 3)	29,712,563 (Note 3)
		ASE Japan Co., Ltd.	Long-term receivables from related parties	Yes	457,200	456,750	89,369	0.64-6.41	The need for short-term financing	-	Operating capital	-	-	-	29,712,563 (Note 3)	29,712,563 (Note 3)
		A.S.E. Holding Limited	Long-term receivables from related parties	Yes	9,144,000	9,135,000	8,398,110	5.00-5.23	The need for short-term financing	-	Operating capital	-	-	-	29,712,563 (Note 3)	29,712,563 (Note 3)
5	ASE Holding (Singapore) Pte Ltd.	ASE	Long-term receivables from related parties	Yes	5,556,475	-	-	5.99-6.22	The need for short-term financing	-	Operating capital	-	-	-	5,802,322 (Note 3)	5,802,322 (Note 3)
		A.S.E. Holding Limited	Long-term receivables from related parties	Yes	5,638,800	5,633,250	5,633,250	4.99-5.07	The need for short-term financing	-	Operating capital	-	-	-	5,802,322 (Note 3)	5,802,322 (Note 3)
6	Global Advanced Packaging Technology Limited	ASE	Long-term receivables from related parties	Yes	28,407,360	28,379,400	27,572,475	-	The need for short-term financing	-	Operating capital	-	-	-	48,855,189 (Note 3)	48,855,189 (Note 3)
		USI Enterprise Limited	Other receivables from related parties	Yes	810,945	152,250	152,250	-	The need for short-term financing	-	Operating capital	-	-	-	48,855,189 (Note 3)	48,855,189 (Note 3)
		J&R Holding Limited	Long-term receivables from related parties	Yes	2,133,600	2,131,500	126,368	-	The need for short-term financing	-	Operating capital	-	-	-	48,855,189 (Note 3)	48,855,189 (Note 3)
7	Alto Enterprises Limited	ASE	Long-term receivables from related parties	Yes	1,127,760	1,126,650	1,126,650	-	The need for short-term financing	-	Operating capital	-	-	-	4,820,564 (Note 3)	4,820,564 (Note 3)
8	ASE Mauritius Inc.	ASE	Long-term receivables from related parties	Yes	1,371,600	1,370,250	1,370,250	-	The need for short-term financing	-	Operating capital	-	-	-	14,193,145 (Note 3)	14,193,145 (Note 3)
9	ASE Corporation	Synergy Link Limited	Other receivables	No	47,493	-	-	5.5	The need for short-term financing	-	Strategic purpose	-	-	-	7,512,060 (Note 1)	7,512,060 (Note 2)
		J&R Holding Limited	Long-term receivables from related parties	Yes	106,680	106,575	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,780,149 (Note 3)	18,780,149 (Note 3)
10	ISE Labs, Inc.	ASE	Other receivables from related parties	Yes	914,400	913,500	913,500	5.99-6.34	The need for short-term financing	-	Operating capital	-	-	-	2,772,764 (Note 3)	2,772,764 (Note 3)
		J&R Holding Limited	Long-term receivables from related parties	Yes	365,760	365,400	365,400	4.79-5.07	The need for short-term financing	-	Operating capital	-	-	-	2,772,764 (Note 3)	2,772,764 (Note 3)
11	ASE (Korea) Inc.	ASE	Other receivables from related parties	Yes	9,287,250	9,287,250	9,287,250	6.39-6.83	The need for short-term financing	-	Operating capital	-	-	-	21,411,148 (Note 3)	21,411,148 (Note 3)
12	ASE (U.S.) Inc.	ASE	Other receivables from related parties	Yes	213,360	213,150	213,150	5.99-6.34	The need for short-term financing	-	Operating capital	-	-	-	728,722 (Note 3)	728,722 (Note 3)
13	ASE Singapore Pte. Ltd.	Global Advanced Packaging Technology Limited	Long-term receivables from related parties	Yes	609,000	609,000	304,500	5.23	The need for short-term financing	-	Operating capital	-	-	-	6,288,719 (Note 3)	6,288,719 (Note 3)

(Continued)

No.	Financing Company	Counter-party	Financial Statement Account	Related Party	Maximum Balance for the Period	Ending Balance	Amount Actual Drawn	Interest Rate (%)	Nature for Financing	Transaction Amounts	Reason for Financing	Allowance for Bad Debt	Collateral		Financing Limits for Each Borrowing Company	Financing Company's Total Financing Amount Limits
													Item	Value		
14	Shanghai Ding Hui Real Estate Development Co., Ltd.	Shanghai Ding Yu Real Estate Development Co., Ltd.	Long-term receivables from related parties\ Other receivables from related parties	Yes	\$ 1,110,696	\$ 1,107,804	\$ 443,122	4.35	The need for short-term financing	\$ -	Operating capital	\$ -	-	\$ -	\$ 18,865,874 (Note 3)	\$ 18,865,874 (Note 3)
		Shanghai Ding Wei Real Estate Development Co., Ltd.	Long-term receivables from related parties\ Other receivables from related parties	Yes	4,220,645	4,209,657	1,994,048	4.35	The need for short-term financing	-	Operating capital	-	-	-	18,865,874 (Note 3)	18,865,874 (Note 3)
		Shanghai Dingyao Estate Development Co.,Ltd.	Long-term receivables from related parties\ Other receivables from related parties	Yes	1,199,552	1,196,429	443,122	4.35	The need for short-term financing	-	Operating capital	-	-	-	18,865,874 (Note 3)	18,865,874 (Note 3)
		Kun Shan Ding Hong Real Estate Development Co., Ltd	Long-term receivables from related parties\ Other receivables from related parties	Yes	1,466,119	1,329,365	443,122	4.35	The need for short-term financing	-	Operating capital	-	-	-	18,865,874 (Note 3)	18,865,874 (Note 3)
		Shanghai Ding Qi Property Management Co., Ltd.	Long-term receivables from related parties	Yes	221,561	221,561	88,624	4.35	The need for short-term financing	-	Operating capital	-	-	-	18,865,874 (Note 3)	18,865,874 (Note 3)
		ASE Assembly & Test (Shanghai) Limited	Other receivables from related parties	Yes	888,557	886,244	-	-	The need for short-term financing	-	Operating capital	-	-	-	18,865,874 (Note 3)	18,865,874 (Note 3)
		ISE Labs, China, Ltd.	Other receivables from related parties	Yes	1,332,835	1,329,365	-	4.90	The need for short-term financing	-	Operating capital	-	-	-	18,865,874 (Note 3)	18,865,874 (Note 3)
15	Advanced Semiconductor Engineering (China) Ltd.	Siliconware Technology (Suzhou) Limited	Other receivables from related parties	Yes	1,107,804	1,107,804	-	2.15-2.35	The need for short-term financing	-	Operating capital	-	-	-	3,180,239 (Note 3)	3,180,239 (Note 3)
		ASE Assembly & Test (Shanghai) Limited	Other receivables from related parties	Yes	1,332,835	1,329,365	1,240,741	2.40-3.00	The need for short-term financing	-	Operating capital	-	-	-	3,180,239 (Note 3)	3,180,239 (Note 3)
16	Wuxi Tongzhi Microelectronics Co., Ltd.	ASE Assembly & Test (Shanghai) Limited	Other receivables from related parties	Yes	222,139	221,561	-	3.44	The need for short-term financing	-	Operating capital	-	-	-	477,929 (Note 3)	477,929 (Note 3)
17	ASE Investment (Kun Shan) Limited	ASE Assembly & Test (Shanghai) Limited	Other receivables from related parties	Yes	999,627	221,561	88,624	2.40	The need for short-term financing	-	Operating capital	-	-	-	3,105,086 (Note 3)	3,105,086 (Note 3)
		ASE (Shanghai) Inc.	Other receivables from related parties	Yes	533,134	221,561	44,312	2.40-3.10	The need for short-term financing	-	Operating capital	-	-	-	3,105,086 (Note 3)	3,105,086 (Note 3)
		Siliconware Technology (Suzhou) Limited	Other receivables from related parties	Yes	1,554,975	1,550,926	1,019,180	2.40	The need for short-term financing	-	Operating capital	-	-	-	3,105,086 (Note 3)	3,105,086 (Note 3)
		ISE Labs, China, Ltd.	Other receivables from related parties	Yes	888,557	886,244	797,619	2.40	The need for short-term financing	-	Operating capital	-	-	-	3,105,086 (Note 3)	3,105,086 (Note 3)
18	USI Enterprise Limited	USIINC	Other receivables from related parties	Yes	1,828,800	1,827,000	1,827,000	5.99-6.34	The need for short-term financing	-	Operating capital	-	-	-	24,312,677 (Note 1)	24,312,677 (Note 2)
19	Real Tech Holdings Limited	USI Enterprise Limited	Long-term receivables from related parties	Yes	1,188,720	1,187,550	1,187,550	-	The need for short-term financing	-	Operating capital	-	-	-	62,178,353 (Note 3)	62,178,353 (Note 3)
		Huntington Holdings International Co. Ltd.	Long-term receivables from related parties	Yes	152,400	152,250	91,350	-	The need for short-term financing	-	Operating capital	-	-	-	62,178,353 (Note 3)	62,178,353 (Note 3)
20	USI Electronics (Shenzhen) Co., Ltd.	Universal Scientific Industrial (Shanghai) Co., Ltd.	Other receivables from related parties	Yes	2,221,392	2,215,609	-	-	The need for short-term financing	-	Operating capital	-	-	-	2,815,956 (Note 1)	2,815,956 (Note 2)
		Universal Global Technology (Huizhou) Co., Ltd	Other receivables from related parties	Yes	2,665,671	2,215,609	1,107,804	2.2-2.4	The need for short-term financing	-	Operating capital	-	-	-	7,039,891 (Note 3)	7,039,891 (Note 3)
		Universal Global Technology (Shanghai) Co., Ltd.	Other receivables from related parties	Yes	444,278	443,122	-	-	The need for short-term financing	-	Operating capital	-	-	-	7,039,891 (Note 3)	7,039,891 (Note 3)
		Universal Global Technology (Kunshan) Co., Ltd.	Other receivables from related parties	Yes	888,557	886,244	-	-	The need for short-term financing	-	Operating capital	-	-	-	7,039,891 (Note 3)	7,039,891 (Note 3)
21	Universal Global Technology Co., Limited	Universal Scientific Industrial De Mexico S.A.De C.V.	Long-term receivables from related parties	Yes	2,438,400	2,436,000	1,827,000	5.32-5.63	The need for short-term financing	-	Operating capital	-	-	-	30,947,322 (Note 3)	30,947,322 (Note 3)
		Universal Scientific Industrial (France)	Long-term receivables from related parties	Yes	1,308,018	1,308,018	976,874	2.63-3.24	The need for short-term financing	-	Operating capital	-	-	-	30,947,322 (Note 3)	30,947,322 (Note 3)
		ASTEELFLASH USA CORP.	Long-term receivables from related parties	Yes	304,800	304,500	213,150	6.85-7.24	The need for short-term financing	-	Operating capital	-	-	-	30,947,322 (Note 3)	30,947,322 (Note 3)
		FINANCIERE AFG	Long-term receivables from related parties	Yes	1,589,490	1,589,490	1,589,490	2.63-3.24	The need for short-term financing	-	Operating capital	-	-	-	30,947,322 (Note 3)	30,947,322 (Note 3)
		Universal Global Electronics Co., Ltd.	Long-term receivables from related parties	Yes	304,800	304,500	-	4.79	The need for short-term financing	-	Operating capital	-	-	-	30,947,322 (Note 3)	30,947,322 (Note 3)
		ASTEELFLASH FRANCE	Other receivables from related parties	Yes	778,188	778,188	778,188	2.63-3.24	The need for short-term financing	-	Operating capital	-	-	-	12,378,929 (Note 1)	12,378,929 (Note 2)
22	Universal Scientific Industrial Co., Ltd.	Universal Global Scientific Industrial Co., Ltd.	Other receivables from related parties	Yes	1,300,700	1,200,000	200,000	1.45-5.63	The need for short-term financing	-	Operating capital	-	-	-	1,381,342 (Note 1)	1,381,342 (Note 2)
23	Universal Global Technology (Shanghai) Co., Ltd.	Universal Global Technology (Kunshan) Co., Ltd.	Long-term receivables from related parties	Yes	1,332,835	1,329,365	1,329,365	2.4	The need for short-term financing	-	Operating capital	-	-	-	9,171,304 (Note 3)	9,171,304 (Note 3)

(Continued)

No.	Financing Company	Counter-party	Financial Statement Account	Related Party	Maximum Balance for the Period	Ending Balance	Amount Actual Drawn	Interest Rate (%)	Nature for Financing	Transaction Amounts	Reason for Financing	Allowance for Bad Debt	Collateral		Financing Limits for Each Borrowing Company (Note 1)	Financing Company's Total Financing Amount Limits (Note 2)
													Item	Value		
24	Universal Scientific Industrial (Shanghai) Co., Ltd.	Universal Scientific Industrial De Mexico S.A.De C.V.	Other receivables from related parties	Yes	\$ 1,524,000	\$ 1,522,500	\$ 913,500	5.32-5.63	The need for short-term financing	\$ -	Operating capital	\$ -	-	\$ -	\$ 28,370,428 (Note 1)	\$ 28,370,428 (Note 2)
		Universal Scientific Industrial Vietnam Company Limited	Other receivables from related parties	Yes	2,436,000	2,436,000	152,250	5.04-5.34	The need for short-term financing	-	Operating capital	-	-	-	28,370,428 (Note 1)	28,370,428 (Note 2)
		Universal Global Technology (Huizhou) Co., Ltd	Other receivables from related parties	Yes	3,332,088	3,323,413	2,437,170	2.4	The need for short-term financing	-	Operating capital	-	-	-	28,370,428 (Note 1)	28,370,428 (Note 2)
		Universal Global Technology (Kunshan) Co., Ltd.	Other receivables from related parties	Yes	444,278	443,122	-	-	The need for short-term financing	-	Operating capital	-	-	-	28,370,428 (Note 1)	28,370,428 (Note 2)
		ASTEELFLASH USA CORP.	Other receivables from related parties	Yes	609,000	609,000	-	-	The need for short-term financing	-	Operating capital	-	-	-	28,370,428 (Note 1)	28,370,428 (Note 2)
25	USI America Inc.	ASTEELFLASH USA CORP.	Other receivables from related parties	Yes	167,640	167,475	167,475	6.14-6.42	The need for short-term financing	-	Operating capital	-	-	-	224,818 (Note 3)	224,818 (Note 3)
26	Universal Scientific Industrial (France)	ASTEELFLASH HERSFELD GmbH	Long-term receivables from related parties	Yes	331,144	331,144	301,341	2.47-3.24	The need for short-term financing	-	Operating capital	-	-	-	12,213,778 (Note 3)	12,213,778 (Note 3)
		ASTEELFLASH TUNISIE S.A.	Long-term receivables from related parties	Yes	463,601	463,601	420,553	2.81-3.69	The need for short-term financing	-	Operating capital	-	-	-	12,213,778 (Note 3)	12,213,778 (Note 3)
		ASTEELFLASH PLZEN S.R.O.	Long-term receivables from related parties	Yes	99,343	99,343	99,343	2.47-3.24	The need for short-term financing	-	Operating capital	-	-	-	12,213,778 (Note 3)	12,213,778 (Note 3)
27	FINANCIERE AFG	ASTEELFLASH (BEDFORD) LIMITED	Long-term receivables from related parties	Yes	135,769	135,769	133,231	3.00	The need for short-term financing	-	Operating capital	-	-	-	5,462,116 (Note 3)	5,462,116 (Note 3)
		ASTEELFLASH TUNISIE S.A.	Long-term receivables from related parties	Yes	960,317	960,317	617,013	3.41	The need for short-term financing	-	Operating capital	-	-	-	5,462,116 (Note 3)	5,462,116 (Note 3)
		ASTEELFLASH GERMANY GmbH	Long-term receivables from related parties	Yes	29,803	29,803	29,803	3.00	The need for short-term financing	-	Operating capital	-	-	-	5,462,116 (Note 3)	5,462,116 (Note 3)
		ASTEELFLASH PLZEN S.R.O.	Long-term receivables from related parties	Yes	135,769	135,769	135,769	3.00	The need for short-term financing	-	Operating capital	-	-	-	5,462,116 (Note 3)	5,462,116 (Note 3)
		ASTEELFLASH EBERBACH GmbH	Long-term receivables from related parties	Yes	66,229	66,229	66,229	3.00	The need for short-term financing	-	Operating capital	-	-	-	5,462,116 (Note 3)	5,462,116 (Note 3)
		ASTEELFLASH HERSFELD GmbH	Long-term receivables from related parties	Yes	66,229	66,229	-	-	The need for short-term financing	-	Operating capital	-	-	-	5,462,116 (Note 3)	5,462,116 (Note 3)
		ASTEELFLASH PLZEN S.R.O.	Other receivables from related parties	Yes	132,458	132,458	66,229	3.00	The need for short-term financing	-	Operating capital	-	-	-	873,551 (Note 1)	873,551 (Note 2)
28	ASTEELFLASH FRANCE	ASTEELFLASH (BEDFORD) LIMITED	Other receivables from related parties	Yes	132,458	132,458	66,229	3.00	The need for short-term financing	-	Operating capital	-	-	-	873,551 (Note 1)	873,551 (Note 2)
		ASTEELFLASH SUZHOU CO., LTD.	Long-term receivables from related parties	Yes	1,615,440	1,613,850	1,613,850	4.79-5.07	The need for short-term financing	-	Operating capital	-	-	-	5,783,784 (Note 3)	5,783,784 (Note 3)
29	ASTEELFLASH SUZHOU CO., LTD.	Universal Global Technology Co., Limited	Long-term receivables from related parties	Yes	1,615,440	1,613,850	1,613,850	4.79-5.07	The need for short-term financing	-	Operating capital	-	-	-	5,783,784 (Note 3)	5,783,784 (Note 3)
		ASTEELFLASH TUNISIE S.A.	Other receivables from related parties	Yes	365,760	365,400	365,400	5.02	The need for short-term financing	-	Operating capital	-	-	-	5,783,784 (Note 3)	5,783,784 (Note 3)
30	ASTEELFLASH GERMANY GmbH	ASTEELFLASH EBERBACH GmbH	Long-term receivables from related parties	Yes	76,163	76,163	76,163	3.00	The need for short-term financing	-	Operating capital	-	-	-	383,903 (Note 3)	383,903 (Note 3)
		ASTEELFLASH DESIGN SOLUTIONS HAMBURG GmbH	Long-term receivables from related parties	Yes	29,283	-	-	3.00	The need for short-term financing	-	Operating capital	-	-	-	383,903 (Note 3)	383,903 (Note 3)
31	SPIL	Siliconware Technology (Suzhou) Limited	Other receivables from related parties	Yes	3,048,000	3,045,000	1,522,500	4.53-5.16	The need for short-term financing	-	Operating capital	-	-	-	40,947,522 (Note 1)	40,947,522 (Note 2)
		The Company	Other receivables from related parties	Yes	9,000,000	9,000,000	500,000	1.45-1.58	The need for short-term financing	-	Operating capital	-	-	-	40,947,522 (Note 1)	40,947,522 (Note 2)

(Concluded)

Note 1: A subsidiary's limit amount of lending to a company shall not exceed 40% of the lender's net worth.

Note 2: Where an inter-company or inter-firm short-term financing facility is necessary, the total amount of such financing facility shall not exceed 40% of the lender's net worth.

Note 3: Foreign subsidiaries whose voting shares are 100% owned, directly or indirectly, by the Company as a lender, the aggregate lending amount and the amount lending to a single company shall not exceed 100% of the Company's net worth as stated in its latest financial statement.

Note 4: Except No.9 its counter-party Synergy Link Limited, The transactions had been eliminated when preparing consolidated financial statements.

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

ENDORSEMENTS/GUARANTEES PROVIDED
FOR THE THREE MONTHS ENDED MARCH 31, 2023

(Amounts In Thousands of New Taiwan Dollars, Unless Specified Otherwise)

No.	Endorsement/ Guarantee Provider	Guaranteed Party		Limits on Endorsement /Guarantee Amount Provided to Each Guaranteed Party (Note 1)	Maximum Balance for the Year	Ending Balance	Amount Actually Drawn	Amount of Endorsement/ Guarantee Collateralized by Properties	Ratio of Accumulated Endorsement/Guarantee to Net Equity per Latest Financial Statement (%)	Maximum Endorsement /Guarantee Amount Allowable (Note 2)	Guarantee Provided by Parent Company	Guarantee Provided by A Subsidiary	Guarantee Provided to Subsidiaries in Mainland
	Name	Name	Nature of Relationship										
1	USI Enterprise Limited	Universal Scientific Industrial (France)	More than 50% voting shares indirectly owned by the company	\$ 85,094,369	\$ 1,304,683	\$ 1,303,399	\$ 1,303,399	\$ -	2.14	\$ 91,172,538	Yes	No	No
2	FINANCIERE AFG	ASTEELFLASH GERMANY GmbH(Note 3)	More than 50% voting shares indirectly owned by the company	7,646,962	662,288	662,288	331,144	-	12.13	8,193,174	Yes	No	No
		ASTEELFLASH HERSFELD GmbH(Note 3)	More than 50% voting shares directly owned by the company	7,646,962	662,288	662,288	331,144	-	12.13	8,193,174	Yes	No	No
		ASTEELFLASH BONN GmbH (Note 3)	More than 50% voting shares indirectly owned by the company	7,646,962	662,288	662,288	331,144	-	12.13	8,193,174	Yes	No	No
		ASTEELFLASH EBERBACH GmbH(Note 3)	More than 50% voting shares indirectly owned by the company	7,646,962	662,288	662,288	331,144	-	12.13	8,193,174	Yes	No	No
		ASTEELFLASH DESIGN SOLUTIONS HAMBOURG GmbH(Note 3)	More than 50% voting shares indirectly owned by the company	7,646,962	662,288	662,288	331,144	-	12.13	8,193,174	Yes	No	No
		ASTEELFLASH TUNISIE S.A. (Note 3)	More than 50% voting shares indirectly owned by the company	7,646,962	231,801	231,801	132,458	-	16.37	8,193,174	Yes	No	No
		ASTEELFLASH PLZEN S.R.O. (Note 3)	More than 50% voting shares directly owned by the company	7,646,962	198,686	198,686	99,343	-	20.01	8,193,174	Yes	No	No
		ASTEELFLASH FRANCE	More than 50% voting shares directly owned by the company	7,646,962	231,801	231,801	132,458	-	24.25	8,193,174	Yes	No	No
		ASTEELFLASH HERSFELD GmbH(Note 3)	More than 50% voting shares directly owned by the company	7,646,962	331,144	331,144	99,343	-	30.31	8,193,174	Yes	No	No
		ASTEELFLASH EBERBACH GmbH(Note 3)	More than 50% voting shares indirectly owned by the company	7,646,962	298,029	298,029	66,229	-	31.53	8,193,174	Yes	No	No
		ASTEELFLASH DESIGN SOLUTIONS HAMBOURG GmbH(Note 3)	More than 50% voting shares indirectly owned by the company	7,646,962	298,029	298,029	66,229	-	32.74	8,193,174	Yes	No	No

Note 1: The ceilings on the amounts a subsidiary permitted to make endorsements/guarantees for any single entity shall not exceed 140% of the subsidiary’s net worth as stated in its latest financial statement according to “The Process of make in endorsements/guarantees” of the Company.

Note 2: The ceilings on the aggregate amounts a subsidiary permitted to make endorsements/guarantees shall not exceed 150% of the subsidiary’s net worth as stated in its latest financial statement according to “The Process of make in endorsements/guarantees” of the Company.

Note 3: No.2, guarantees provider FINANCIERE AFG, the board of directors approved the contract of the subsidiary's endorsement guarantee amount in advance in February 2023, cause the endorsement guarantee of old contract would be double-calculated.

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

MARKETABLE SECURITIES HELD

MARCH 31, 2023

(Amounts In Thousands of New Taiwan Dollars, Unless Specified Otherwise)

Held Company Name	Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	March 31, 2023				Note
				Shares/ Units	Carrying Value	Percentage of Ownership (%)	Fair Value	
ASE	Stock							
	The Company	Ultimate parent company	Financial assets at fair value through other comprehensive income - non current	67,452,117	\$ 7,588,363	2	\$ 7,588,363	
	MiTAC Information Technology Corp	-	Financial assets at fair value through other comprehensive income - non current	2,521	16	-	16	
	Asia Pacific Emerging Industry Venture Capital Co, Ltd.	-	Financial assets at fair value through other comprehensive income - non current	3,509,064	23,911	7	23,911	
	StarChips Technology Inc.	-	Financial assets at fair value through other comprehensive income - non current	333,334	-	6	-	
	Limited Liability Partnership							
	Ripley Cable Holdings I, L.P.	-	Financial assets at fair value through other comprehensive income - non current	-	-	4	-	
ASE Test, Inc.	Stock							
	The Company	Ultimate parent company	Financial assets at fair value through other comprehensive income - non current	5,489,388	617,556	-	617,556	
	Powtec ElectroChemical Corporation	-	Financial assets at fair value through other comprehensive income - non current	33,560,184	-	2	-	
	MiTAC Information Technology Corp.	-	Financial assets at fair value through other comprehensive income - non current	680,017	4,383	-	4,383	
	Ainos Inc.	-	Financial assets at fair value through other comprehensive income - non current	100,000,000	51,307	21	51,307	
	Neolink Capital Corp.	-	Financial assets at fair value through other comprehensive income - non current	14,000,000	91,408	17	91,408	
	Hongkong & Shanghai Banking Corp.	-	Financial assets at fair value through profit or loss - current	400,000	82,545	-	82,545	
	Tencent Holdings Ltd	-	Financial assets at fair value through profit or loss - current	194,000	290,325	-	290,325	
	JD.com Inc	-	Financial assets at fair value through profit or loss - current	9,238	6,163	-	6,163	
	Meituan-W	-	Financial assets at fair value through profit or loss - current	19,400	10,799	-	10,799	
	Industrial and Commercial Bank of China Limited	-	Financial assets at fair value through profit or loss - current	11,000,000	178,356	-	178,356	
	Ping An Insurance (Group) Company of China, Ltd.	-	Financial assets at fair value through profit or loss - current	1,000,000	198,217	-	198,217	
	China Construction Bank Corporation	-	Financial assets at fair value through profit or loss - current	10,402,000	205,378	-	205,378	
	AIA Group Limited	-	Financial assets at fair value through profit or loss - current	300,000	96,180	-	96,180	
	China Merchants Bank Co., Ltd.	-	Financial assets at fair value through profit or loss - current	2,200,000	342,205	-	342,205	
	China Life Insurance Co., Ltd.	-	Financial assets at fair value through profit or loss - current	1,000,000	50,039	-	50,039	
	BOC Hong Kong (Holdings) Ltd.	-	Financial assets at fair value through profit or loss - current	1,900,000	180,199	-	180,199	
China Mobile Communications Corporation	-	Financial assets at fair value through profit or loss - current	600,000	148,023	-	148,023		
CK Hutchison Holdings Limited	-	Financial assets at fair value through profit or loss - current	200,000	37,781	-	37,781		
Agricultural Bank of China Limited	-	Financial assets at fair value through profit or loss - current	16,300,000	183,993	-	183,993		

(Continued)

Held Company Name	Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	March 31, 2023				Note
				Shares/ Units	Carrying Value	Percentage of Ownership (%)	Fair Value	
	Bank of China Ltd.	-	Financial assets at fair value through profit or loss - current	16,700,000	\$ 194,986	-	\$ 194,986	
	Alibaba Group Holding Ltd.	-	Financial assets at fair value through profit or loss - current	360,000	140,203	-	140,203	
	AIMD Ainos Inc	-	Financial assets at fair value through profit or loss - current	147,058	3,806	-	3,806	
	Preferred share HanTech Venture Capital Corporation	-	Financial assets at fair value through profit or loss - non current	25,000,000	287,500	25	287,500	
	Corporate bond Nan Shan Life Insurance Co., Ltd. 1st Perpetual Unsecured Subordinate Corporate Bond Issue in 2016	-	Financial assets at fair value through other comprehensive income - non current	1,000	1,055,463	-	1,055,463	
	Fund Yuanta Taiwan High-yield Leading Company Fund	-	Financial assets at fair value through profit or loss - current	5,000,000	43,900	-	43,900	
Luchu Development Corporation	Stock Powerchip Investment Holding Corporation	-	Financial assets at fair value through other comprehensive income - non current	1,016,060	24,179	-	24,179	
	Powerchip Semiconductor Manufacturing Corporation	-	Financial assets at fair value through other comprehensive income - non current	1,434,320	47,476	-	47,476	
AMPI	Stock United Microelectronics Corp.	-	Financial assets at fair value through profit or loss - current	89,659	4,743	-	4,743	
	Winbond Electronics Corporation	-	Financial assets at fair value through profit or loss - current	5,893	156	-	156	
A.S.E. Holding Limited	Stock SiPhoton, Inc.	-	Financial assets at fair value through other comprehensive income - non current	544,800	-	4	-	
	Amphastar Pharmaceuticals, Inc.	-	Financial assets at fair value through profit or loss - current	37,766	US\$ 1,416 thousand	-	US\$ 1,416 thousand	
J & R Holding Limited	Limited Liability Partnership Crimson Velocity Fund, L.P.	-	Financial assets at fair value through other comprehensive income - non current	-	US\$ 19 thousand	-	US\$ 19 thousand	
	Beneficiary Certificate SMART Growth Fund, L.P	-	Financial assets at fair value through profit or loss - non current	-	US\$ 25,739 thousand	6	US\$ 25,739 thousand	
Advanced Semiconductor Engineering (China) Ltd.	Beneficiary Certificate Taiwan Business Cross-Straits Industry Investment Fund	-	Financial assets at fair value through profit or loss - non current	-	RMB 8,695 thousand	8	RMB 8,695 thousand	

(Continued)

Held Company Name	Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	March 31, 2023				Note
				Shares/ Units	Carrying Value	Percentage of Ownership (%)	Fair Value	
USIINC	Stock							
	Universal Venture Capital Investment Corporation	-	Financial assets at fair value through other comprehensive income - non current	6,200,000	\$ 38,427	5	\$ 38,427	
	Gapertise Inc.	-	Financial assets at fair value through other comprehensive income - non current	275,000	237	4	237	
	WellySun Inc.	-	Financial assets at fair value through other comprehensive income - non current	500,744	8,060	1	8,060	
	Plasmag Technology Inc.	-	Financial assets at fair value through other comprehensive income - non current	733,000	-	2	-	
	ZEPT Inc.	-	Financial assets at fair value through other comprehensive income - non current	1,333,333	1,248	4	1,248	
	Preferred Stock							
	iWEECARE Co., Ltd.	-	Financial assets at fair value through other comprehensive income - non current	180,000	-	1	-	
Huntington Holdings International Co. Ltd.	Stock							
	Superactive Group Company Limited	-	Financial assets at fair value through profit or loss - current	4,896,800	US\$ 17 thousand	-	US\$ 17 thousand	
	Solid Gain Investments Ltd.	-	Financial assets at fair value through other comprehensive income - non current	1,291,400	US\$ 422 thousand	20	US\$ 422 thousand	
	Preferred Stock							
	Techgains I Corporation	-	Financial assets at fair value through other comprehensive income - non current	518,316	US\$ 169 thousand	10	US\$ 169 thousand	
	Techgains II Corporation	-	Financial assets at fair value through other comprehensive income - non current	653,998	US\$ 115 thousand	4	US\$ 115 thousand	
	Famous City ventures Limited	-	Financial assets at fair value through profit or loss - non-current	14,725	US\$ 2,547 thousand	29	US\$ 2,547 thousand	
Unitech Holdings International Co., Ltd.	Stock							
	Superactive Group Company Limited	-	Financial assets at fair value through profit or loss - current	5,013,600	US\$ 18 thousand	-	US\$ 18 thousand	
	WacomCo., Ltd.	-	Financial assets at fair value through profit or loss - current	1,200,000	US\$ 6,222 thousand	1	US\$ 6,222 thousand	
	Sequans Communications SA	-	Financial assets at fair value through profit or loss - current	47,871	US\$ 96 thousand	-	US\$ 96 thousand	
	Asia Global Venture Co., Ltd.	-	Financial assets at fair value through other comprehensive income - non current	445,740	US\$ 415 thousand	10	US\$ 415 thousand	
	Preferred Stock							
	MoBagel, Inc.	-	Financial assets at fair value through other comprehensive income - non current	391,318	US\$ 177 thousand	2	US\$ 177 thousand	
USI Enterprise Limited	Beneficiary Certificate							
	All-Stars Investment Private Partners Fund L.P.	-	Financial assets at fair value through profit or loss - non-current	-	US\$ 9,206 thousand	2	US\$ 9,206 thousand	
	Fund							
	JPMorgan Funds-Income Fund	-	Financial assets at fair value through profit or loss - current	1,048,218	US\$ 8,229 thousand	-	US\$ 8,229 thousand	
	Bond							
	Unsecured convertible corporate bonds of Universal Scientific Industrial (Shanghai) Co., Ltd.	Subsidiary	Financial assets at fair value through profit or loss - current	14,041,660	US\$ 250,290 thousand	41	US\$ 250,290 thousand	

(Continued)

Held Company Name	Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	March 31, 2023				Note
				Shares/ Units	Carrying Value	Percentage of Ownership (%)	Fair Value	
Universal Scientific Industrial (Shanghai) Co., Ltd.	Beneficiary Certificate Suzhou Yaotu Equity Investment Partnership	-	Financial assets at fair value through profit or loss - non current	-	RMB 11,896 thousand	2	RMB 11,896 thousand	
	Stock Senscomm Semiconductor Co., Ltd.	-	Financial assets at fair value through profit or loss - non current	-	RMB 23,098 thousand	1	RMB 23,098 thousand	
Universal Global Electronics Co., Ltd.	Beneficiary Certificate PHI FUND, L.P.	-	Financial assets at fair value through profit or loss - non current	-	US\$ 15,029 thousand	29	US\$ 15,029 thousand	
Universal Global Scientific Industrial Co., Ltd.	Stock TriKnight Capital Corporation	-	Financial assets at fair value through other comprehensive income - non current	40,841,800	\$ 197,525	5	\$ 197,525	
Universal Global Technology Co., Limited	Preferred Stock GaN System Inc. Series	-	Financial assets at fair value through profit or loss - non current	589,622	US\$ 6,575 thousand	1	US\$ 6,575 thousand	

(Concluded)

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

MARKETABLE SECURITIES ACQUIRED AND DISPOSED OF AT COSTS OR PRICES OF AT LEAST NT\$300 MILLION OR 20% OF THE PAID-IN CAPITAL
 FOR THE THREE MONTHS ENDED MARCH 31, 2022
 (Amounts In Thousands of New Taiwan Dollars)

Company Name	Marketable Securities Type and Name	Financial Statement Account	Counter-party	Nature of Relationship	Beginning Balance		Acquisition		Disposal			Ending Balance		
					Shares/Units	Amount (Note 1)	Shares/Units	Amount	Shares/Units	Amount	Carrying Value	Gain/Loss on Disposal	Shares/Units	Amount (Note 1)
Universal Global Technology Co.,	Share certificate SUMA-USI Electronics Co., Ltd.	Investments accounted for using the equity method	Suma Information Industry	Non-Related	-	CNY 110,844 thousand	-	CNY - thousand	-	CN 110,880 thousand	CN 110,844 thousand	CN 36 thousand	-	CN - thousand

Note 1: The balance of investment accounted for using the equity method includes share of profits/losses of investees and other adjustment related to equity.

ACQUISITION OF INDIVIDUAL REAL ESTATE PROPERTIES AT COSTS OF AT LEAST NT\$300 MILLION OR 20% OF THE PAID-IN CAPITAL
FOR THE THREE MONTHS ENDED MARCH 31, 2023

(Amounts In Thousands of New Taiwan Dollars)

Company Name	Types of Property	Transaction Date	Transaction Amount (Tax excluded)	Payment Term	Counter-party	Nature of Relationships	Prior Transaction of Related Counter-party				Price Reference	Purpose of Acquisition	Other Terms
							Owner	Relationships	Transfer Date	Amount			
SPIL	Facility engineering	January 1, 2023 - March 31, 2023	1,576,941	Based on the terms agreed upon by both parties	LeeMing Construction Co., Ltd.	None	-	-	-	-	Request for quotation, price comparison and price negotiation	For operating purpose	None
	Facility engineering	January 1, 2023 - March 31, 2023	694,691	Based on the terms agreed upon by both parties	Chung Yuang Electrical Consulting Co., Ltd.	None	-	-	-	-	Request for quotation, price comparison and price negotiation	For operating purpose	None
Siliconware Technology (Suzhou) Limited	Facility engineering	January 1, 2023 - March 31, 2023	335,237	Based on the terms agreed upon by both parties	Keyueng (Suzhou) Co., Ltd.	None	-	-	-	-	Request for quotation, price comparison and price negotiation	For operating purpose	None

TABLE 6

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

**TOTAL PURCHASES FROM OR SALES TO RELATED PARTIES OF AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL FOR THE THREE MONTHS ENDED MARCH 31, 2023
(Amounts In Thousands of New Taiwan Dollars)**

Buyer	Related Party	Relationships	Transaction Details				Abnormal Transaction		Notes/Accounts Payable or Receivable		Note
			Purchases/ Sales	Amount	% to Total	Payment Terms	Unit Price	Payment Terms	Ending Balance	% to Total	
ASE	ASE (Shanghai) Inc.	Subsidiary	Purchases	\$ 473,660	3	Net 60 days from the end of the month when invoice is issued	\$ -	-	\$ (481,767)	(3)	Note
	ASE Electronics Inc.	Subsidiary	Purchases	528,924	4	Net 60 days from the end of the month when invoice is issued	-	-	(523,589)	(4)	Note
	Universal Scientific Industrial Co., Ltd.	Consolidated subsidiary	Sales	(598,933)	(2)	Net 60 days from the end of the month when invoice is issued	-	-	210,692	1	Note
	Universal Global Scientific Industrial Co., Ltd.	Consolidated subsidiary	Sales	(224,474)	(1)	Net 60 days from the end of the month when invoice is issued	-	-	655,837	3	Note
ASE Electronics (M) Sdn. Bhd.	ASE Electronics Inc.	Consolidated subsidiary	Purchases	121,644	22	Net 60 days from invoice date	-	-	(98,452)	(26)	Note
Advanced Semiconductor Engineering (HK) Limited	ASE (Shanghai) Inc.	Parent company	Purchases	103,773	100	Net 90 days from the end of the month when invoice is issued	-	-	(103,794)	(100)	Note
ASE (Shanghai) Inc.	ASE	Parent company	Sales	(473,660)	(34)	Net 60 days from the end of the month when invoice is issued	-	-	482,261	37	Note
	Advanced Semiconductor Engineering (HK) Limited	Subsidiary	Sales	(103,773)	(8)	Net 90 days from the end of the month when invoice is issued	-	-	103,825	8	Note
ASE Electronics Inc.	ASE	Parent company	Sales	(528,924)	(58)	Net 60 days from the end of the month when invoice is issued	-	-	532,834	59	Note
	ASE Electronics (M) Sdn. Bhd.	Consolidated subsidiary	Sales	(121,644)	(13)	Net 60 days from invoice	-	-	98,496	11	Note
Universal Scientific Industrial Co., Ltd.	ASE	Consolidated subsidiary	Purchases	598,933	21	Net 60 days from the end of the month when invoice is issued	-	-	(655,239)	(31)	Note
Universal Scientific Industrial (Shanghai) Co., Ltd.	Universal Global Scientific Industrial Co., Ltd.	Subsidiary	Sales	(1,155,912)	(6)	T/T 75 days	-	-	-	-	Note
Universal Global Technology (Kunshan) Co., Ltd.	Universal Global Scientific Industrial Co., Ltd.	Consolidated subsidiary	Sales	(4,090,005)	(67)	T/T 75 days	-	-	-	-	Note
USI Electronics (Shenzhen) Co., Ltd.	Universal Global Scientific Industrial Co., Ltd.	Consolidated subsidiary	Sales	(104,702)	(67)	T/T 75 days	-	-	-	-	Note
Universal Global Technology (Huizhou) Co., Ltd	Universal Scientific Industrial De Mexico S.A. De C.V.	Consolidated subsidiary	Sales	(219,299)	(6)	T/T 75 days	-	-	229,356	7	Note
	Universal Global Scientific Industrial Co., Ltd.	Consolidated subsidiary	Sales	(1,779,474)	(47)	T/T 75 days	-	-	-	-	Note

(Continued)

Buyer	Related Party	Relationships	Transaction Details				Abnormal Transaction		Notes/Accounts Payable or Receivable		Note
			Purchases/ Sales	Amount	% to Total	Payment Terms	Unit Price	Payment Terms	Ending Balance	% to Total	
Universal Global Scientific Industrial Co., Ltd.	Universal Global Technology (Kunshan) Co., Ltd.	Consolidated subsidiary	Purchases	\$ 4,090,005	44	T/T 75 days	\$ -	-	\$ -	-	Note
	USI Electronics (Shenzhen) Co., Ltd.	Consolidated subsidiary	Purchases	104,702	1	T/T 75 days	-	-	-	-	Note
	Universal Scientific Industrial (Shanghai) Co., Ltd.	Parent company	Purchases	1,155,912	13	T/T 75 days	-	-	-	-	Note
	Universal Global Technology (Huizhou) Co., Ltd	Consolidated subsidiary	Purchases	1,779,474	19	T/T 75 days	-	-	-	-	Note
	ASE	Consolidated subsidiary	Purchases	224,474	2	Net 60 days from the end of the month when invoice is issued	-	-	(243,716)	(3)	Note
Universal Scientific Industrial De Mexico S.A. De C.V.	Universal Global Technology (Huizhou) Co., Ltd	Consolidated subsidiary	Purchases	219,299	6	T/T 75 days	-	-	(229,356)	(9)	Note
ASTEELFLASH TUNISIE S.A.	ASTEELFLASH FRANCE	Consolidated subsidiary	Sales	(161,316)	(15)	Net 30 days from the end of the month when invoice is issued	-	-	102,326	11	Note
ASTEELFLASH FRANCE	ASTEELFLASH TUNISIE S.A.	Consolidated subsidiary	Purchases	161,316	12	Net 30 days from the end of the month when invoice is issued	-	-	(102,326)	(8)	Note

(Concluded)

Note: All the transactions had been eliminated when preparing consolidated financial statements.

TABLE 7

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

RECEIVABLES FROM RELATED PARTIES AMOUNTING TO AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL
MARCH 31, 2023

(Amounts In Thousands of New Taiwan Dollars, Unless Specified Otherwise)

Company Name	Related Party	Relationships	Ending Balance (Note 1)	Turnover Rate (Note 2)	Overdue (Note 1)		Amounts Received in Subsequent Period	Allowance for Bad Debts
					Amount	Actions Taken		
The Company	ASE	Subsidiary	\$ 297,326 (Notes 5)	-	\$ -	-	\$ -	\$ -
ASE	Universal Scientific Industrial Co., Ltd.	Consolidated subsidiary	655,239 (Note 5)	3	26,736	Continued collection	245,883	-
	Universal Global Scientific Industrial Co., Ltd.	Consolidated subsidiary	243,716 (Note 5)	2	6,047	Continued collection	116,604	-
ASE Electronics Inc.	ASE	Parent company	533,607 (Note 5)	4	-	-	186,056	-
	The Company	Ultimate parent company	1,580,000 (Notes 3,5)	-	-	-	-	-
ASE Holdings (Singapore) PTE Ltd	A.S.E. Holding Limited	Parent company	5,662,528 (Notes 3,5)	-	-	-	5,633,250	-
ASE Singapore Pte. Ltd.	Global Advanced Packaging Technology Ltd.	Consolidated subsidiary	304,677 (Notes 3,5)	-	304,677	Continued collection	-	-
ISE Labs, Inc.	ASE	Parent company	919,405 (Note 3,5)	3	-	-	-	-
	J&R Holding Limited	Parent company	365,400 (Note 3,5)	-	-	-	-	-
A.S.E. Holding Limited	ASE	Parent company	14,031,360 (Note 3,5)	-	-	-	-	-
	J&R Holding Limited	Consolidated subsidiary	1,409,835 (Note 3,5)	-	-	-	-	-
ASE Test, Inc.	ASE	Parent company	2,595,110 (Note 4,5)	-	-	-	832,979	-
	The Company	Ultimate parent company	4,200,000 (Notes 3,5)	-	-	-	-	-
ASE Test Limited	USI Enterprise Limited	Consolidated subsidiary	700,350 (Note 3,5)	-	-	-	-	-
	J&R Holding Limited	Parent company	4,798,461 (Note 3,5)	-	-	-	-	-
	A.S.E. Holding Limited	Parent company	8,441,724 (Note 3,5)	-	-	-	-	-
ASE (U.S.) Inc.	ASE	Parent company	309,953 (Note 3,5)	11	-	-	96,803	-
ASE (Korea) Inc.	ASE	Parent company	9,287,250 (Note 3,5)	-	-	-	1,218,000	-
Global Advanced Packaging Technology Ltd.	J&R Holding Limited	Parent company	126,368 (Note 3,5)	-	-	-	-	-
	ASE	Parent company	27,572,475 (Note 3,5)	-	-	-	-	-
	USI Enterprise Limited	Consolidated subsidiary	152,250 (Note 3,5)	-	-	-	-	-
ASE Mauritius Inc.	ASE	Parent company	1,370,250 (Note 3,5)	-	-	-	-	-
ASE Investment (KunShan) Limited	ISE labs, China. Ltd.	Consolidated subsidiary	802,203 (Note 3,5)	-	-	-	88,961	-
	Siliconware Technology (Suzhou) Limited	Consolidated subsidiary	1,031,808 (Note 3,5)	-	-	-	-	-
Alto Enterprises Limited	ASE	Parent company	1,126,650 (Note 3,5)	-	-	-	-	-
ASE (Shanghai) Inc.	ASE	Parent company	482,261 (Note 5)	3	-	-	-	-
	Advanced Semiconductor Engineering (HK) Limited	Subsidiary	103,825 (Note 5)	4	-	-	-	-
Advanced Semiconductor Engineering (China) Ltd.	ASE Assembly & Test (Shanghai) Limited	Consolidated subsidiary	1,284,655 (Note 3,5)	-	-	-	22,632	-

(Continued)

Company Name	Related Party	Relationships	Ending Balance (Note 1)	Turnover Rate (Note 2)	Overdue (Note 1)		Amounts Received in Subsequent Period	Allowance for Bad Debts
					Amount	Actions Taken		
Shanghai Ding Hui Real Estate Development Co., Ltd.	Shanghai Ding Wei Real Estate Development Co., Ltd.	Subsidiary	\$ 2,028,679 (Note 3,5)	-	\$ -	-	\$ -	\$ -
	KunShan Ding Hong Real Estate Development Co., Ltd.	Subsidiary	448,638 (Note 3,5)	-	-	-	-	-
	Shanghai Ding Yu Real Estate Development Co., Ltd.	Subsidiary	454,998 (Note 3,5)	-	-	-	-	-
	Shanghai Dingyao Estate Development Co.,Ltd.	Subsidiary	453,468 (Note 3,5)	-	-	-	-	-
Shanghai Ding Yu Real Estate Development Co., Ltd.	Shanghai Dingyao Estate Development Co.,Ltd.	Consolidated subsidiary	171,826 (Note 5)	-	-	-	74,871	-
Real Tech Holdings Limited	USI Enterprise Limited	Subsidiary	1,187,550 (Note 3,5)	-	-	-	-	-
USI Enterprise Limited	USI Inc.	Parent company	1,862,227 (Note 3,5)	-	-	-	-	-
Universal Scientific Industrial Co., Ltd	Universal Global Scientific Industrial Co., Ltd.	Parent company	201,670 (Note 3,5)	-	-	-	412	-
USI Electronics (Shenzhen) Co., Ltd.	Universal Global Technology (Huizhou) Co., Ltd	Consolidated subsidiary	1,219,980 (Note 3,5)	-	-	-	-	-
Universal Global Technology (Huizhou) Co., Ltd	Universal Global Industrial Co., Limited	Consolidated subsidiary	1,699,791 (Note 5)	-	-	-	155,716	-
	Universal Scientific Industrial De Mexico S.A. De C.V.	Consolidated subsidiary	229,356 (Note 5)	6	17	Continued collection	26,625	-
Universal Global Scientific Industrial Co., Ltd.	Universal Scientific Industrial (Shanghai) Co., Ltd	Parent company	100,719 (Note 5)	-	-	-	-	-
Universal Global Technology Co., Limited	Universal Scientific Industrial De Mexico S.A. De C.V.	Subsidiary	1,827,000 (Note 3,5)	-	-	-	-	-
	Universal Global Technology (Kunshan) Co., Ltd.	Consolidated subsidiary	583,959 (Note 5)	-	-	-	68,014	-
	Universal Scientific Industrial (Shanghai) Co., Ltd.	Parent company	571,827 (Note 5)	-	-	-	163,563	-
	Universal Scientific Industrial (France)	Subsidiary	984,105 (Note 3,5)	-	-	-	-	-
	ASTELFLASH USA CORP.	Subsidiary	213,150 (Note 3,5)	-	-	-	-	-
	FINANCIERE AFG	Subsidiary	1,597,654 (Note 3,5)	-	-	-	-	-
	ASTELFLASH FRANCE	Subsidiary	778,188 (Note 3,5)	-	-	-	-	-
Universal Global Technology (Kunshan) Co., Ltd.	Universal Global Industrial Co., Limited	Consolidated subsidiary	3,615,043 (Note 5)	-	-	-	518,029	-
Universal Scientific Industrial (Shanghai) Co., Ltd.	UNIVERSAL SCIENTIFIC INDUSTRIAL VIETNAM COMPANY LIMITED	Subsidiary	153,960 (Note 3,5)	-	-	-	152,250	-
	Universal Global Technology (Huizhou) Co., Ltd	Subsidiary	2,462,761 (Note 3,5)	-	-	-	-	-
	Universal Global Industrial Co., Limited	Subsidiary	1,011,789 (Note 5)	-	-	-	-	-
	Universal Scientific Industrial De Mexico S.A. De C.V.	Subsidiary	914,540 (Note 3,5)	-	-	-	178	-
USI Inc.	Universal Global Scientific Industrial Co., Ltd.	Subsidiary	179,479 (Note 5)	-	-	-	12,395	-
Universal Global Technology (Shanghai) Co., Ltd	Universal Global Technology (Kunshan) Co., Ltd.	Consolidated subsidiary	1,350,622 (Note 3,5)	-	-	-	-	-
Universal Global Industrial Co., Limited	Universal Global Technology (Huizhou) Co., Ltd	Consolidated subsidiary	212,421 (Note 5)	-	-	-	111,207	-
	Universal Global Scientific Industrial Co., Ltd.	Consolidated subsidiary	4,962,599 (Note 5)	-	-	-	1,587,128	-
Asteelflash Suzhou Co., Ltd.	Universal Global Technology Co., Limited	Parent company	1,633,798 (Notes 3,5)	-	-	-	-	-
	ASTELFLASH TUNISIE S.A.	Consolidated subsidiary	365,406 (Notes 3,5)	-	-	-	-	-

(Continued)

Company Name	Related Party	Relationships	Ending Balance (Note 1)		Turnover Rate (Note 2)	Overdue (Note 1)		Amounts Received in Subsequent Period	Allowance for Bad Debts
						Amount	Actions Taken		
Universal Scientific Industrial (France)	ASTEELFLASH TUNISIE S.A.	Subsidiary	\$ 423,497	(Note 3,5)	-	\$ -	-	\$ -	-
	ASTEELFLASH HERSFELD GmbH	Subsidiary	302,183	(Note 3,5)	-	-	-	-	-
USI America Inc.	ASTEELFLASH USA CORP.	Consolidated subsidiary	171,842	(Note 3,5)	-	-	-	1,523	-
ASTEELFLASH USA CORP	ASTEELFLASH MEXICO SOCIEDAD SA de CV	Consolidated subsidiary	186,975	(Note 5)	-	-	-	-	-
FINANCIERE AFG	ASTEELFLASH (BEDFORD) LIMITED	Subsidiary	137,454	(Note 3,5)	-	-	-	-	-
	ASTEELFLASH USA CORP	Subsidiary	117,387	(Note 5)	-	-	-	-	-
	ASTEELFLASH PLZEN S.R.O.	Subsidiary	140,229	(Note 3,5)	-	-	-	-	-
	ASTEELFLASH TUNISIE S.A.	Subsidiary	636,726	(Note 3,5)	-	-	-	-	-
ASTEELFLASH MEXICO SOCIEDAD SA de CV	ASTEELFLASH USA CORP	Consolidated subsidiary	240,015	(Note 3,5)	2	-	-	-	-
ASTEELFLASH TUNISIE S.A.	ASTEELFLASH FRANCE	Consolidated subsidiary	105,351	(Note 5)	5	-	-	-	-
SPIL	Siliconware Technology (Suzhou) Limited	Subsidiary	2,024,602	(Note 3,5)	5	-	-	280,203	-
	The Company	Ultimate parent company	500,000	(Note 3,5)	-	-	-	500,000	-
	Yann Yuan Investment Co., Ltd.	Affiliate of Equity-Method	100,800	(Note 6)	-	-	-	100,800	-

(Concluded)

Note 1: Include trade receivables and other receivables.

Note 2: Exclude other receivables.

Note 3: Intercompany loan (refer to Table 1) and receivables of selling machinery and equipment.

Note 4: Turnkey transaction.

Note 5: All the transactions had been eliminated when preparing consolidated financial statements.

Note 6: Receivables of dividend.

TABLE 8

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

**NAMES, LOCATION, AND RELATED INFORMATION OF INVESTEEES OVER WHICH THE COMPANY EXERCISES SIGNIFICANT INFLUENCE FOR THE THREE MONTHS ENDED MARCH 31, 2023
(Amounts In Thousands of New Taiwan Dollars, Unless Specified Otherwise)**

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		Balance as of March 31, 2023			Net Income (Losses) of the Investee	Share of Profits/Losses of Investee (Note 1)	Note
				March 31, 2023	December 31, 2022	Shares	Percentage of Ownership	Carrying Value			
The Company	ASE	Taiwan	Engaged in the packaging and testing of semiconductors	\$ 183,660,039	\$ 183,660,039	5,994,143,764	100	\$ 146,477,753	\$ 4,320,923	\$ 3,765,143	Subsidiary
	SPIL	Taiwan	Engaged in assembly, testing and turnkey services of integrated circuits	173,657,530	173,657,530	3,785,748,878	100	167,569,884	2,646,729	1,517,169	Subsidiary
	USI Inc.	Taiwan	Investment activities	33,362,556	33,362,556	2,926,735,620	100	45,956,186	800,396	802,442	Subsidiary
	ASE Social Enterprise Co., Ltd	Taiwan	Engaged in social services	50,000	50,000	5,000,000	100	50,003	(100)	(100)	Subsidiary
ASE	A.S.E. Holding Limited	Bermuda	Investment activities	US\$ 268,966 thousand	US\$ 268,966 thousand	228,966	100	20,149,252	34,686	(Note 2)	Subsidiary
	J & R Holding Limited	Bermuda	Investment activities	US\$ 279,693 thousand	US\$ 279,693 thousand	235,128	100	80,041,219	76,519	(Note 2)	Subsidiary
	ASE Marketing & Service Japan Co., Ltd.	Japan	Engaged in marketing and customer service of packaging and testing of semiconductors	JPY 60,000 thousand	JPY 60,000 thousand	1,200	100	41,765	2,372	(Note 2)	Subsidiary
	Omniquest Industrial Limited	British Virgin Islands	Investment activities	US\$ 254,604 thousand	US\$ 254,604 thousand	254,604,067	71	12,972,323	(32,078)	(Note 2)	Subsidiary
	Innosource Limited	British Virgin Islands	Investment activities	US\$ 86,100 thousand	US\$ 86,100 thousand	86,100,000	100	4,932,101	(2,703)	(Note 2)	Subsidiary
	HCK	Taiwan	Engaged in the leasing of real estate properties	\$ 390,470	\$ 390,470	35,497,273	27	243,045	(5,386)	(Note 2)	Associate
	HC	Taiwan	Engaged in the development, construction and leasing of real estate properties	2,845,913	2,845,913	68,629,782	26	1,799,971	(99,413)	(Note 2)	Associate
	ASE Test, Inc.	Taiwan	Engaged in the testing of semiconductors	20,698,867	20,698,867	1,131,452,502	100	31,200,264	435,519	(Note 2)	Subsidiary
	Luchu Development Corporation	Taiwan	Engaged in the development of real estate properties	1,366,238	1,366,238	145,178,015	67	1,422,769	56	(Note 2)	Subsidiary
	Deca Technologies, Inc.	U.S.A	Holding company with group engaged in the development of wafer level packaging and interconnect technology	US\$ 54,402 thousand	US\$ 54,402 thousand	8,592,129	18	53,554	(1,684)	(Note 2)	Associate
	AMPI	Taiwan	Engaged in integrated circuit	\$ 178,861	\$ 178,861	8,327,113	8	79,767	(4,135)	(Note 2)	Subsidiary
	ASE Electronics (M) Sdn. Bhd.	Malaysia	Engaged in the packaging and testing of integrated circuits	US\$ 187,894 thousand	US\$ 187,894 thousand	159,715,000	100	6,351,418	140,733	(Note 2)	Subsidiary
	ASE Singapore Pte. Ltd.	Singapore	Engaged in the testing of semiconductors	US\$ 195,137 thousand	US\$ 195,137 thousand	30,100,000	100	6,288,719	140,938	(Note 2)	Subsidiary
ASE Test, Inc.	Alto Enterprises Limited	British Virgin Islands	Investment activities	US\$ 188,000 thousand	US\$ 188,000 thousand	188,000,000	100	4,820,564	6,125	(Note 2)	Subsidiary
	Super Zone Holdings Limited	Hong Kong	Investment activities	US\$ 100,000 thousand	US\$ 100,000 thousand	100,000,000	100	3,180,269	(3,382)	(Note 2)	Subsidiary
	Luchu Development Corporation	Taiwan	Engaged in the development of real estate properties	\$ 372,504	\$ 372,504	40,981,245	19	401,519	56	(Note 2)	Subsidiary
	TLJ Intertech Inc.	Taiwan	Engaged in information software services	89,998	89,998	2,119,080	60	59,093	1,250	(Note 2)	Subsidiary
AMPI	Taiwan	Engaged in integrated circuit	475,000	475,000	47,500,000	43	350,966	(4,135)	(Note 2)	Subsidiary	
ASE Social Enterprise Co., Ltd	Goodcare Holdings Inc.	Taiwan	Investment activities	14,700	-	1,470,000	49	14,700	-	(Note 2)	Associate
A.S.E. Holding Limited	ASE Test Limited	Singapore	Investment activities	US\$ 72,866 thousand	US\$ 72,866 thousand	8,839,316	10	US\$ 107,998 thousand	US\$ 10,219 thousand	(Note 2)	Subsidiary
	ASE Investment (Labuan) Inc.	Malaysia	Investment activities	US\$ 169,643 thousand	US\$ 169,643 thousand	169,642,842	70	US\$ 498,591 thousand	US\$ 2,755 thousand	(Note 2)	Subsidiary
	ASE Technology Partners, Limited	British Cayman Islands	Investment activities	US\$ 430 thousand	US\$ 430 thousand	430,001	100	US\$ 371 thousand	(US\$ 5 thousand)	(Note 2)	Subsidiary
	INTEGRATED SOLUTIONS ENTERPRISE EUROPE	Belgium	Engaged in trading activity	US\$ 3,002 thousand	US\$ 3,002 thousand	186	100	US\$ 4,747 thousand	US\$ 261 thousand	(Note 2)	Subsidiary
ASE Technology Partners, Limited	ASE Technology Acquisition Corporation	British Cayman Islands	Investment activities	US\$ 380 thousand	US\$ 380 thousand	5,750,000	100	US\$ 352 thousand	(US\$ 4 thousand)	(Note 2)	Subsidiary
J & R Holding Limited	ASE Test Limited	Singapore	Investment activities	US\$ 858,556 thousand	US\$ 858,556 thousand	77,928,405	90	US\$ 1,067,606 thousand	US\$ 10,219 thousand	(Note 2)	Subsidiary
	Omniquest Industrial Limited	British Virgin Islands	Investment activities	US\$ 30,200 thousand	US\$ 30,200 thousand	30,200,000	8	US\$ 51,960 thousand	(US\$ 1,076 thousand)	(Note 2)	Subsidiary
	J&R Industrial Inc.	Taiwan	Engaged in leasing equipment	US\$ 16,886 thousand	US\$ 16,886 thousand	4,207,353	100	US\$ 1,518 thousand	US\$ 1 thousand	(Note 2)	Subsidiary
	ASE Japan Co., Ltd.	Japan	Engaged in the packaging and testing of semiconductors	US\$ 25,606 thousand	US\$ 25,606 thousand	7,200	100	US\$ 48,227 thousand	(US\$ 1,485 thousand)	(Note 2)	Subsidiary
	ASE (U.S.) Inc.	U.S.A	After-sales service and sales support	US\$ 4,600 thousand	US\$ 4,600 thousand	1,000	100	US\$ 24,415 thousand	US\$ 432 thousand	(Note 2)	Subsidiary
	Global Advanced Packaging Technology Limited	British Cayman Islands	Investment activities	US\$ 647,384 thousand	US\$ 647,384 thousand	376,040,939	100	US\$ 1,605,673 thousand	(US\$ 2,782 thousand)	(Note 2)	Subsidiary
ASE Investment (Labuan) Inc.	ASE (Korea) Inc.	Korea	Engaged in the manufacturing of substrates and components of telecomm	US\$ 234,050 thousand	US\$ 234,050 thousand	20,741,363	100	US\$ 710,182 thousand	US\$ 2,692 thousand	(Note 2)	Subsidiary
ASE Test Limited	ASE Holdings (Singapore) Pte Ltd	Singapore	Investment activities	US\$ 65,520 thousand	US\$ 65,520 thousand	71,428,902	100	US\$ 190,552 thousand	US\$ 2,236 thousand	(Note 2)	Subsidiary
	ASE Test Holdings, Ltd.	British Cayman Islands	Investment activities	US\$ 222,399 thousand	US\$ 222,399 thousand	5	100	US\$ 111,706 thousand	US\$ 1,668 thousand	(Note 2)	Subsidiary
	ASE Investment (Labuan) Inc.	Malaysia	Investment activities	US\$ 72,304 thousand	US\$ 72,304 thousand	72,304,040	30	US\$ 212,463 thousand	US\$ 2,755 thousand	(Note 2)	Subsidiary

(Continued)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		Balance as of March 31, 2023			Net Income (Losses) of the Investee	Share of Profits/Losses of Investee (Note 1)	Note
				March 31, 2023	December 31, 2022	Shares	Percentage of Ownership	Carrying Value			
ASE Test Holdings, Ltd.	ISE Labs, Inc.	U.S.A	Engaged in the testing of semiconductors	US\$ 221,145 thousand	US\$ 221,145 thousand	26,250,000	100	US\$ 111,705 thousand	US\$ 1,068 thousand	(Note 2)	Subsidiary
ISE Labs, Inc.	ISE Service, Inc.	U.S.A	Engaged in wafer procurement and customer product management services	US\$ 0,001 thousand	US\$ 0,001 thousand	1,000	100	US\$ 4,022 thousand	US\$ 368 thousand	(Note 2)	Subsidiary
	Chipletz, Inc.	U.S.A	Engaged in fabless substrate design	US\$ 8,000 thousand	US\$ 8,000 thousand	3,245,436	21	US\$ 4,869 thousand	US\$ 610 thousand	(Note 2)	Associate
Omniquest Industrial Limited	ASE Corporation	British Cayman Islands	Investment activities	US\$ 356,284 thousand	US\$ 356,284 thousand	356,284,067	100	US\$ 616,754 thousand	(US\$ 1,076 thousand)	(Note 2)	Subsidiary
ASE Corporation	ASE Mauritius Inc.	Mauritius	Investment activities	US\$ 217,800 thousand	US\$ 217,800 thousand	217,800,000	100	US\$ 466,113 thousand	US\$ 1,372 thousand	(Note 2)	Subsidiary
	ASE Labuan Inc.	Malaysia	Investment activities	US\$ 126,184 thousand	US\$ 126,184 thousand	126,184,067	100	US\$ 146,661 thousand	(US\$ 2,448 thousand)	(Note 2)	Subsidiary
ASE Labuan Inc.	ASE Electronics Inc.	Taiwan	Engaged in the production of substrates	US\$ 125,813 thousand	US\$ 125,813 thousand	398,981,900	100	US\$ 146,130 thousand	(US\$ 2,443 thousand)	(Note 2)	Subsidiary
Innosource Limited	Omniquest Industrial Limited	British Virgin Islands	Investment activities	US\$ 74,000 thousand	US\$ 74,000 thousand	74,000,000	21	US\$ 127,245 thousand	(US\$ 1,076 thousand)	(Note 2)	Subsidiary
ASE (Shanghai) Inc.	Advanced Semiconductor Engineering (HK) Limited	Hong Kong	Engaged in the trading of substrates	US\$ 1,000 thousand	US\$ 1,000 thousand	-	100	US\$ 10,282 thousand	US\$ 1 thousand	(Note 2)	Subsidiary
USI Inc.	Huntington Holdings International Co. Ltd.	British Virgin Islands	Holding company	\$ 8,370,606	\$ 8,370,606	255,856,840	100	\$ 62,550,333	\$ 816,033	(Note 2)	Subsidiary
Huntington Holdings International Co., Ltd.	Unitech Holdings International Co. Ltd.	British Virgin Islands	Holding company	US\$ 3,000 thousand	US\$ 3,000 thousand	3,000,000	100	US\$ 8,735 thousand	US\$ 830 thousand	(Note 2)	Subsidiary
	Real Tech Holdings Limited	British Virgin Islands	Holding company	US\$ 149,151 thousand	US\$ 149,151 thousand	149,151,000	100	US\$ 2,042,049 thousand	US\$ 26,021 thousand	(Note 2)	Subsidiary
	Universal ABIT Holding Co., Ltd.	British Cayman Islands	Holding company	US\$ 28,125 thousand	US\$ 28,125 thousand	90,000,000	100	US\$ 13 thousand	US\$ - thousand	(Note 2)	Subsidiary
Real Tech Holdings Limited	USI Enterprise Limited	Hong Kong	Engaged in the services of investment advisory and warehousing management	US\$ 210,900 thousand	US\$ 210,900 thousand	210,900,000	100	US\$ 1,996,181 thousand	US\$ 25,981 thousand	(Note 2)	Subsidiary
Universal Scientific Industrial (Shanghai) Co., Ltd.	Universal Global Technology Co., Limited	Hong Kong	Holding company	RMB 2,796,632 thousand	RMB 2,796,632 thousand	3,187,660,985	100	RMB 6,983,867 thousand	RMB 92,020 thousand	(Note 2)	Subsidiary
	FINANCIERE AFG	France	Holding company	RMB 393,342 thousand	RMB 393,342 thousand	8,317,462	10	RMB 431,338 thousand	RMB 25,262 thousand	(Note 2)	Subsidiary
Universal Global Technology Co., Limited	Universal Global Industrial Co., Limited	Hong Kong	Engaged in trading and investing activity	US\$ 11,000 thousand	US\$ 11,000 thousand	85,800,000	100	US\$ 15,795 thousand	US\$ 262 thousand	(Note 2)	Subsidiary
	Universal Global Electronics Co., Ltd.	Hong Kong	Engaging in ordering and outsourcing, selling electronic products, and providing technical consulting services	US\$ 51,000 thousand	US\$ 51,000 thousand	51,000,000	100	US\$ 65,450 thousand	US\$ 3,175 thousand	(Note 2)	Subsidiary
	M-Universe Investments Pte. Ltd.	Singapore	Holding company	US\$ 58,688 thousand	US\$ 58,688 thousand	59,157,419	42	US\$ 68,080 thousand	(US\$ 720 thousand)	(Note 2)	Associate
	Universal Global Scientific Industrial Co., Ltd.	Taiwan	Engaged in the manufacturing of components of telecomm and cars and provision of related R&D services	US\$ 62,235 thousand	US\$ 62,235 thousand	198,000,000	100	US\$ 386,437 thousand	US\$ 7,922 thousand	(Note 2)	Subsidiary
	USI Japan Co., Ltd.	Japan	Engaged in the manufacturing and sale of computer peripherals, integrated chip and other related accessories	US\$ 885 thousand	US\$ 885 thousand	6,400	100	US\$ 1,030 thousand	US\$ 7 thousand	(Note 2)	Subsidiary
	Universal Scientific Industrial De Mexico S.A. De C.V.	Mexico	Engaged in the assembling of motherboards and computer components	US\$ 63,963 thousand	US\$ 63,963 thousand	1,258,077,325	100	US\$ 76,660 thousand	US\$ 826 thousand	(Note 2)	Subsidiary
	USI America Inc.	U.S.A	Engaged in the manufacturing and processing of motherboards and wireless network communication and provision of related technical service	US\$ 9,500 thousand	US\$ 9,500 thousand	250,000	100	US\$ 7,383 thousand	US\$ 8 thousand	(Note 2)	Subsidiary
	Universal Scientific Industrial (France)	France	Holding company	US\$ 372,200 thousand	US\$ 372,200 thousand	321,374,822	100	US\$ 401,109 thousand	US\$ 1,457 thousand	(Note 2)	Subsidiary
	Universal Scientific Industrial Vietnam Company Limited	Vietnam	Engaged in IC assembly for wearable devices	US\$ 100,000 thousand	US\$ 100,000 thousand	100,000,000	100	US\$ 99,611 thousand	US\$ 197 thousand	(Note 2)	Subsidiary
Universal Global Industrial Co., Limited	Universal Scientific Industrial De Mexico S.A. De C.V.	Mexico	Engaged in the assembling of motherboards and computer components	US\$ - thousand	US\$ - thousand	1	-	US\$ - thousand	US\$ 826 thousand	(Note 2)	Subsidiary
Universal Global Scientific Industrial Co., Ltd.	Universal Scientific Industrial Co., Ltd.	Taiwan	Engaged in the manufacturing, processing and sale of computers, computer peripherals	\$ 1,791,208	\$ 1,791,208	139,972,740	100	\$ 3,453,356	\$ 36,190	(Note 2)	Subsidiary
	MUtek Electronics Co., Ltd.	Taiwan	Engaged in the manufacturing computer and peripheral equipment and electronics components	29,400	29,400	2,940,000	49	24,250	(4,777)	(Note 2)	Associate

(Continued)

Investor Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount		Balance as of March 31, 2023			Net Income (Losses) of the Investee	Share of Profits/Losses of Investee (Note 1)	Note
				March 31, 2023	December 31, 2022	Shares	Percentage of Ownership	Carrying Value			
Universal Global Electronics Co., Ltd.	Universal Scientific Industrial Poland Sp. z o.o.	Poland	Engaged in the design, manufacturing and processing of electronic products	US\$ 34,656 thousand	US\$ 34,656 thousand	1,617,046	100	US\$ 43,084 thousand	US\$ 2,262 thousand	(Note 2)	Subsidiary
Universal Scientific Industrial (France)	FINANCIERE AFG	France	Holding company	EUR 318,899 thousand	EUR 318,899 thousand	71,530,174	90	EUR 359,879 thousand	EUR 3,460 thousand	(Note 2)	Subsidiary
SPIL	SPIL (B.V.I.) Holding Limited	British Virgin Islands	Investment activities	US\$ 199,400 thousand	US\$ 199,400 thousand	199,400,000	100	\$ 20,533,713	\$ 495,736	(Note 2)	Subsidiary
	ChipMOS Technologies Inc.	Taiwan	Engaged in the packaging and testing of semiconductors	\$ 1,309,699	\$ 1,309,699	78,910,390	11	2,793,301	(Note 3)	(Note 2)	Associate
	Vertical Circuits, Inc.	U.S.A	Engaged in the packaging of semiconductors	US\$ 5,000 thousand	US\$ 5,000 thousand	15,710,000	31	-	-	(Note 2)	Associate
	Yann Yuan Investment Co., Ltd.	Taiwan	Investment activities	\$ 2,400,000	\$ 2,400,000	144,000,000	28	8,789,309	(39,953)	(Note 2)	Associate
SPIL (B.V.I.) Holding Limited	Siliconware USA, Inc.	U.S.A	Communications and relationship maintenance with companies headquartered in North America	US\$ 1,250 thousand	US\$ 1,250 thousand	1,250,000	100	335,885	(1,343)	(Note 2)	Subsidiary
	SPIL (Cayman) Holding Limited	British Cayman Islands	Investment activities	US\$ 201,200 thousand	US\$ 201,200 thousand	201,200,000	100	20,309,224	497,274	(Note 2)	Subsidiary

(Concluded)

Note 1: The share of profits/losses of investee includes the effect of unrealized gross profit on intercompany transaction.

Note 2: The share of profits/losses of investee company is not reflected herein as such amount is already included in the share of profits/losses of the investor company.

Note 3: Please refer to the Market Observation Post System website.

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

INFORMATION ON INVESTMENT IN MAINLAND CHINA
FOR THE THREE MONTHS ENDED MARCH 31, 2023

(Amounts In Thousands of New Taiwan Dollars, Unless Specified Otherwise)

Investee Company	Main Business Activities	Paid-in Capital	Investment Method	Accumulated amount of remittance from Taiwan to Mainland China as of January 1, 2023	Amount remitted from Taiwan to Mainland China/Amount remitted back to Taiwan for the year ended March 31, 2023		Accumulated amount of remittance from Taiwan to Mainland China as of March 31, 2023	Net income of investee for the year ended March 31, 2023	Ownership held by the Company (direct or indirect)	Investment income (loss) recognised by the Company for the year ended March 31, 2023	Book value of investments in Mainland China as of March 31, 2023	Accumulated amount of investment income remitted back to Taiwan as of March 31, 2023
					Remitted to Mainland China	Remitted back to Taiwan						
ASE (Shanghai) Inc.	Engaged in the production of substrates	\$ 4,349,312 (US\$ 148,496 thousand) (Note 7)	Note 1 (1)	\$ 4,782,216 (US\$ 149,800 thousand) (Note 7)	\$ -	\$ -	\$ 4,782,216 (US\$ 149,800 thousand) (Note 3)	\$ 46,422 (US\$ 1,503 thousand) (Note 3)	100	\$ 46,422 (US\$ 1,503 thousand) (Note 3)	\$ 13,187,030 (US\$ 433,072 thousand)	None
ASE Assembly & Test (Shanghai) Limited	Engaged in the packaging and testing of semiconductors	3,117,117 (US\$ 103,580 thousand)	Note 1 (2)	2,574,458 (US\$ 80,000 thousand)	-	-	2,574,458 (US\$ 80,000 thousand)	(85,369) (US\$ -2,810 thousand) (Note 2)	100	(85,369) (US\$ -2,810 thousand) (Note 2)	12,959,944 (US\$ 425,614 thousand)	None
Suzhou ASEN Semiconductors Co., Ltd...etc four companies	Engaged in the packaging and testing of semiconductors	- (Note 7)	Note 1	13,574,763 (US\$ 429,600 thousand) (Note 7)	-	-	13,574,763 (US\$ 429,600 thousand)	-	-	-	-	None
Shanghai Ding Hui Real Estate Development Co., Ltd.	Engaged in the development, construction and sale of real estate properties	16,345,070 (RMB 3,600,000 thousand)	(Note 2)	- (Note 1.2)	-	-	- (Note 1.2)	(217,055) (RMB -48,798 thousand) (Note 3)	100	(217,919) (RMB -48,992 thousand) (Note 3)	18,962,575 (RMB 4,279,315 thousand)	None
Shanghai Ding Wei Real Estate Development Co., Ltd.	Engaged in the development, construction and sale of real estate properties	8,061,489 (RMB 1,798,000 thousand)	(Note 2)	- (Note 1.2)	-	-	- (Note 1.2)	(89,093) (RMB -20,027 thousand) (Note 3)	100	(89,093) (RMB -20,027 thousand) (Note 3)	5,600,785 (RMB 1,263,938 thousand)	None
Shanghai Ding Yu Real Estate Development Co., Ltd.	Engaged in the development, construction and sale of real estate properties	4,936,538 (RMB 1,100,000 thousand)	(Note 2)	- (Note 1.2)	-	-	- (Note 1.2)	(81,318) (RMB -18,295 thousand) (Note 3)	100	(81,318) (RMB -18,295 thousand) (Note 3)	4,194,786 (RMB 946,644 thousand)	None
Kun Shan Ding Hong Real Estate Development Co., Ltd.	Engaged in the development, construction and sale of real estate properties	3,139,662 (RMB 670,000 thousand)	(Note 2)	- (Note 1.2)	-	-	- (Note 1.2)	(7,916) (RMB -1,781 thousand) (Note 3)	100	(7,916) (RMB -1,781 thousand) (Note 3)	2,855,035 (RMB 644,300 thousand)	None
Advanced Semiconductor Engineering (China) Ltd.	Engage in the packaging and testing of semiconductors	3,149,000 (US\$ 100,000 thousand)	Note 1 (3)	3,149,000 (US\$ 100,000 thousand)	-	-	3,149,000 (US\$ 100,000 thousand)	(3,315) (US\$ -98 thousand) (Note 2)	100	(3,315) (US\$ -98 thousand) (Note 2)	3,180,239 (US\$ 104,441 thousand)	None
ASE Investment (Kun Shan) Limited	Holding company	3,705,121 (US\$ 122,000 thousand)	Note 1 (4)	3,717,318 (US\$ 122,000 thousand) (Note 8)	-	-	3,717,318 (US\$ 122,000 thousand)	6,161 (US\$ 213 thousand) (Note 2)	100	6,161 (US\$ 213 thousand) (Note 2)	3,105,086 (US\$ 101,973 thousand)	None
Wuxi Tongzhi Microelectronics Co., Ltd.	Engage in the packaging and testing of semiconductors	356,682 (RMB 73,461 thousand)	(Note 2)	- (Note 1.2)	-	-	- (Note 1.2)	8,106 (RMB 1,821 thousand) (Note 2)	100	8,106 (RMB 1,821 thousand) (Note 2)	477,929 (RMB 107,855 thousand)	None
Shanghai Ding Qi Property Management Co., Ltd.	Engaged in the management of real estate properties	5,078 (RMB 1,000 thousand)	(Note 2)	- (Note 1.2)	-	-	- (Note 1.2)	(14,040) (RMB -3,157 thousand) (Note 3)	100	(14,040) (RMB -3,157 thousand) (Note 3)	43,533 (RMB -9,824 thousand)	None
Shanghai Dingfan Business Management Co., Ltd	Commercial complex management services and department store trading	9,487 (RMB 2,000 thousand)	(Note 2)	- (Note 1.2)	-	-	- (Note 1.2)	(189) (RMB -43 thousand) (Note 3)	100	(189) (RMB -43 thousand) (Note 3)	1,462 (RMB 330 thousand)	None
Shanghai Ding Xu Property Management Co., Ltd.	Engaged in the management of real estate properties	22,860 (RMB 5,000 thousand)	(Note 2)	- (Note 1.2)	-	-	- (Note 1.2)	2,450 (RMB 553 thousand) (Note 3)	100	2,450 (RMB 553 thousand) (Note 3)	50,780 (RMB 11,460 thousand)	None

(Continued)

Investee Company	Main Business Activities	Paid-in Capital	Investment Method	Accumulated amount of remittance from Taiwan to Mainland China as of January 1, 2022	Amount remitted from Taiwan to Mainland China/Amount remitted back to Taiwan for the year ended December 31, 2022		Accumulated amount of remittance from Taiwan to Mainland China as of December 31, 2022	Net income of investee for the year ended December 31, 2022	Ownership held by the Company (direct or indirect)	Investment income (loss) recognised by the Company for the year ended December 31, 2022	Book value of investments in Mainland China as of December 31, 2022	Accumulated amount of investment income remitted back to Taiwan as of December 31, 2022
					Remitted to Mainland China	Remitted back to Taiwan						
ISE labs, China, Ltd.	Engage in the packaging and testing of semiconductors	(RMB 100,000 thousand)	(Note 2)	(Note 1.2)	-	-	(Note 1.2)	(RMB -6,359 thousand)	100	(RMB -6,359 thousand)	RMB 94,233 thousand)	None
Shanghai Dingyao Estate Development Co.,Ltd.	Engaged in the management of real estate properties	(RMB 10,000 thousand)	(Note 2)	(Note 1.2)	-	-	(Note 1.2)	(RMB -8,810 thousand)	100	(RMB -6,226 thousand)	RMB -63,002 thousand)	None
USI Electronics (Shenzhen) Co., Ltd	Engaged in the processing and sales of computer and communication peripherals as well as business in import and export of goods and technology	(US\$ 75,000 thousand)	Note 1 (5)	1,180,746	-	-	1,180,746	(RMB 12,007 thousand)	78	(US\$ 2,064 thousand)	(US\$ 179,327 thousand)	\$ 1,842,387 (US\$ 62,297 thousand)
Universal Scientific Industrial (Shanghai) Co., Ltd.	Engaged in the designing, manufacturing and sale of electronic components	(RMB 2,207,147 thousand)	Note 1 (5)	1,668,233	-	-	1,668,233	(US\$ 40,270 thousand)	78	(US\$ 31,403 thousand)	(US\$ 1,815,428 thousand)	(US\$ 2,230,984 74,333 thousand)
Universal Global Technology (Kunshan) Co., Ltd.	Engaged in the designing and manufacturing of electronic components	(RMB 550,000 thousand)	(Note 2)	(Note 1.2)	-	-	(Note 1.2)	(RMB 50,681 thousand)	78	(RMB 39,752 thousand)	(RMB 1,475,478 thousand)	None
Universal Global Technology (Shanghai) Co., Ltd.	Engaged in the processing and sales of computer and communication peripherals as well as business in import and export of goods and technology	(RMB 1,330,000 thousand)	(Note 2)	(Note 1.2)	-	-	(Note 1.2)	(RMB 28,555 thousand)	78	(RMB 22,264 thousand)	(RMB 1,613,126 thousand)	None
Universal Global Electronics (Shanghai) Co., Ltd.	Engaged in the sale of electronic components and telecommunications equipment	(RMB 50,000 thousand)	(Note 2)	(Note 1.2)	-	-	(Note 1.2)	(RMB -325 thousand)	78	(RMB -253 thousand)	(RMB 51,199 thousand)	None
Universal Global Technology (Huizhou) Co., Ltd	Engaged in the reserch and manufacturing of new electroic applications, communication, computers and other electroics products and also provided auxiliary technical services as well as import and export services	(RMB 800,000 thousand)	(Note 2)	(Note 1.2)	-	-	(Note 1.2)	(RMB 16,428 thousand)	78	(RMB 4,387 thousand)	(RMB 618,293 thousand)	None
USI Science and Technology (Shenzhen) Co., Ltd.	Engaged in the design of electronic components, service of technical advisory, wholesale of electronic components and communication peripherals as well as business in import and export of goods and management of properties.	(RMB 15,000 thousand)	(Note 2)	(Note 1.2)	-	-	(Note 1.2)	(RMB -574 thousand)	78	(RMB -448 thousand)	(RMB 14,266 thousand)	None
ASTEELFLASH SUZHOU CO., LTD.	Engaged in the design, manufacturing and processing of electronic products	(US\$ 18,000 thousand)	(Note 3)	(Note 1.3)	-	-	(Note 1.3)	(US\$ 4,811 thousand)	78	(US\$ 3,749 thousand)	(US\$ 148,042 thousand)	None
Questyle Audio Engineering Co., Ltd	Research and development on technology and sales of electronic products, digital products, audio equipment and spare parts, domestic trading; import and export business.	(RMB 6,623 thousand)	(Note 2)	(Note 1.2)	-	-	(Note 1.2)	(RMB -377 thousand)	5	(RMB -20 thousand)	(RMB 15,080 thousand)	None
Siliconware Technology (Suzhou) Limited	Engage in the packaging and testing of semiconductors	(US\$ 248,816 thousand)	Note 1 (6)	6,774,513 (US\$ 195,000 thousand)	-	-	6,774,513 (US\$ 195,000 thousand)	500,972 (Note 2)	100	508,834 (Note 2)	19,786,482	None

(Continued)

Investee Company	Accumulated Investment in Mainland China as of March 31, 2023	Investment Amounts Authorized by Investment Commission, MOEA	Upper Limit on Investment
ASE	\$ 15,203,097 (US\$471,400 thousand)	\$ 10,905,250 (US\$ 337,284 thousand) (Note 7)	\$ - (Note 5)
ASE Test, Inc.	8,878,838 (US\$288,000 thousand)	3,149,000 (US\$ 100,000 thousand) (Note 7)	18,715,200 (Note 6)
USI Inc.	2,848,979	32,402,458 (US\$ 1,027,240 thousand)	- (Note 5)
SPIL	6,774,513 (US\$195,000 thousand)	8,184,688 (US\$ 268,816 thousand) (Note 10)	- (Note 5)

Note 1: The investment methods are as follows:

1. Investments through a holding company registered in a third region. The holding companies are as follow:

- (1) ASE Mauritius Inc., ASE Corporation, Omniquest Industrial Limited, Innosource Limited and J&R Holding Limited.
- (2) Global Advanced Packaging Technology Limited and J&R Holding Limited.
- (3) Super Zone Holdings Limited.
- (4) Alto Enterprises Limited.
- (5) Real Tech Holdings Limited and Huntington Holdings International Co. Ltd.
- (6) SPIL (Cayman) Holding Limited.

2. Invested by companies in mainland China.

3. Invested in other way.

Note 2: The basis for investment income (loss) recognition is from the financial statements reviewed and attested by R.O.C. parent company's CPA.

Note 3: The basis for investment income (loss) recognition is from the financial statements reviewed and attested by international accounting firm which has cooperative relationship with accounting firm in R.O.C.

Note 4: The basis for investment income (loss) recognition is from the financial statements reviewed and attested by other CPA in the same accounting firm with R.O.C. parent company's CPA.

Note 5: Pursuant to the Jing-Shen-Zi Letter No. 09704604680 of the Ministry of Economic Affairs, R.O.C amended 'Guidelines Governing the Review of Investment or Technical Cooperation in the Mainland Area' dated August 29, 2008 and effective August 1 of the same year, as the Company has obtained the certificate of being qualified for operating headquarters, issued by the Industrial Development Bureau, MOEA, and meet the criteria of multinational enterprise, the ceiling amount of the investment in Mainland China is not applicable to the Company.

Note 6: The upper limit on investment of ASE Test, Inc. is calculated as follow: $\$31,192,000 \times 60\% = 18,715,200$.

Note 7: ASE Inc and ASE Test Inc. has US\$134,116 thousand and US\$188,000 thousand difference between MOEA approved investment amount and accumulated outflow of investment from Taiwan includes:

- (1) US\$141,600 thousand and US\$188,000 thousand were recognized by the MOEA as an decrease in net investment due to equity transferring ASE (Kunshan) Inc., ASE (WeiHai) Inc., ASE Advanced Semiconductor (Shanghai) Limited. and Suzhou ASEN Semiconductors Co., Ltd. to ASMPT Hong Kong Holding Limited;
- (2) US\$707 thousand and US\$6,777 thousand were recognized by the MOEA as an increase in net investment due to transferring of ASE (Shanghai) Inc.'s equity from ASE Assembly & Test (Shanghai) Limited and ASE Module (Shanghai) Inc. to ASE Mauritius Inc. and due to the merger of ASE Module (Shanghai) Inc. by ASE (Shanghai) Inc., respectively;

(Continued)

Note 8: It was the same fund that ASE Test, Inc. indirectly invested to ASE Investment (Kun Shan) Limited through another company in 3rd area and then invested to ASE (Kun Shan) Inc.

Note 9: ASE Investment (Kunshan) Limited decreased capital by cash US\$20,000 thousand and returned to ASE Assembly & Test (Shanghai) Limited.

Note 10: The difference of US\$73,816 thousand between the MOEA approved investment amount and accumulated outflow of investment from Taiwan was capital increased by earnings

Note 11: The basis for investment income (loss) recognition is from the financial statements reviewed and attested by other CPA.

(Concluded)

ASE TECHNOLOGY HOLDING CO., LTD. AND SUBSIDIARIES

**INTERCOMPANY RELATIONSHIPS AND SIGNIFICANT INTERCOMPANY TRANSACTIONS
FOR THE THREE MONTHS ENDED MARCH 31, 2023
(Amounts In Thousands of New Taiwan Dollars, Unless Specified Otherwise)**

No.	Company Name	Related Party	Nature of Relationships	Intercompany Transactions			Percentage of Consolidated Net Revenue or Total Assets
				Financial Statement Account	Amount (Note 2)	Terms (Note 1)	
0	The Company	ASE Electronics Inc.	Parent company to subsidiary	Other payables	\$ 1,580,000	-	-
		ASE Test, Inc.	Parent company to subsidiary	Other payables	4,248,307	-	1
		SPIL	Parent company to subsidiary	Other payables	500,000	-	-
		ASE	Parent company to subsidiary	Other receivables	352,804	-	-
		ASE	Parent company to subsidiary	Other payables	593,579	-	-
1	ASE	ASE Test, Inc.	Subsidiary to subsidiary	Other payables	2,402,635	-	-
			Subsidiary to subsidiary	Purchase of property, plant and equipment	177,870	-	-
		Universal Scientific Industrial Co., Ltd.	Subsidiary to subsidiary	Trade receivables	655,239	-	-
			Subsidiary to subsidiary	Operating revenues	598,709	-	-
		Universal Global Scientific Industrial Co., Ltd.	Subsidiary to subsidiary	Trade receivables	243,672	-	-
			Subsidiary to subsidiary	Operating revenues	224,473	-	-
		ASE (Shanghai) Inc.	Subsidiary to subsidiary	Trade payables	481,766	-	-
			Subsidiary to subsidiary	Operating costs	389,875	-	-
		ASE (U.S.) Inc.	Subsidiary to subsidiary	Operating expenses	293,575	-	-
			Subsidiary to subsidiary	Other payables	213,150	-	-
		ASE Electronics Inc.	Subsidiary to subsidiary	Trade payables	517,544	-	-
			Subsidiary to subsidiary	Operating costs	528,617	-	-
		ASE (Korea) Inc.	Subsidiary to subsidiary	Other payables	9,287,250	-	1
		ISE Labs, Inc.	Subsidiary to subsidiary	Other payables	913,500	-	-
		Global Advanced Packaging Technology Limited	Subsidiary to subsidiary	Other liabilities	27,572,475	-	4
A.S.E Holding Limited	Subsidiary to subsidiary	Other liabilities	14,031,360	-	2		
ASE Mauritius Inc.	Subsidiary to subsidiary	Other liabilities	1,370,250	-	-		
Alto Enterprises Limited	Subsidiary to subsidiary	Other liabilities	1,126,650	-	-		
2	ASE Electronics Inc.	ASE Electronics (M) Sdn. Bhd.	Subsidiary to subsidiary	Operating revenues	121,644	-	-
3	ASE (Shanghai) Inc.	Advanced Semiconductor Engineering (HK) Limited	Subsidiary to subsidiary	Operating revenues	103,773	-	-
				Trade receivables	103,794	-	-
4	ASE Assembly & Test (Shanghai) Limited	Advanced Semiconductor Engineering (China) Ltd.	Subsidiary to subsidiary	Other payables	1,284,655	-	-
5	ASE Investment (Kunshan) Inc.	Siliconware Technology (Suzhou) Limited	Subsidiary to subsidiary	Other receivables	1,031,808	-	-
				Other receivables	802,203	-	-

(Continued)

No.	Company Name	Related Party	Nature of Relationships	Intercompany Transactions			Percentage of Consolidated Net Revenue or Total Assets
				Financial Statement Account	Amount (Note 2)	Terms (Note 1)	
6	A.S.E Holding Limited	J&R Holding Limited	Subsidiary to subsidiary	Other assets	\$ 1,409,835	-	-
		ASE Corporation	Subsidiary to subsidiary	Other assets	45,675	-	-
		ASE Holdings (Singapore) Pte. Ltd	Subsidiary to subsidiary	Other liabilities	5,633,250	-	1
		ASE Test Limited	Subsidiary to subsidiary	Other liabilities	8,398,110	-	1
7	ISE Labs, Inc.	J&R Holding Limited	Subsidiary to subsidiary	Other assets	365,400	-	-
8	Global Advanced Packaging Technology Limited	USI Enterprise Limited	Subsidiary to subsidiary	Other receivables	152,250	-	-
		J&R Holding Limited	Subsidiary to subsidiary	Other assets	126,368	-	-
		ASE Singapore Pte. Ltd.	Subsidiary to subsidiary	Other liabilities	304,500	-	-
9	ASE Test Limited	USI Enterprise Limited	Subsidiary to subsidiary	Other assets	700,350	-	-
		J & R Holding Limited	Subsidiary to subsidiary	Other assets	4,777,605	-	1
10	Shanghai Ding Hui Real Estate Development Co., Ltd.	Shanghai Ding Yu Real Estate Development Co., Ltd.	Subsidiary to subsidiary	Other receivables	454,998	-	-
		Shanghai Ding Wei Real Estate Development Co., Ltd.	Subsidiary to subsidiary	Other receivables	2,028,679	-	-
		Shanghai Dingyao Estate Development Co., Ltd.	Subsidiary to subsidiary	Other receivables	453,468	-	-
		Kun Shan Ding Hong Real Estate Development Co., Ltd	Subsidiary to subsidiary	Other receivables	360,013	-	-
11	Shanghai Ding Yu Real Estate Development Co., Ltd.	Shanghai Dingyao Estate Development Co., Ltd.	Subsidiary to subsidiary	Trade receivables	171,826	-	-
12	USI Inc.	Universal Global Scientific Industrial Co., Ltd.	Subsidiary to subsidiary	Other receivables	179,479	-	-
13	Universal Scientific Industrial (Shanghai) Co., Ltd.	Universal Global Industrial Co., Limited	Subsidiary to subsidiary	Trade receivables	1,011,789	-	-
		Universal Global Scientific Industrial Co., Ltd.	Subsidiary to subsidiary	Operating revenues	1,155,912	-	-
		Universal Scientific Industrial De Mexico S.A. De C.V.	Subsidiary to subsidiary	Other receivables	913,500	-	-
		Universal Global Technology (Huizhou) Co., Ltd	Subsidiary to subsidiary	Other receivables	2,461,487	-	-
		Universal Scientific Industrial Vietnam company Limited	Subsidiary to subsidiary	Other receivables	153,960	-	-
14	Universal Global Industrial Co., Limited	Universal Global Scientific Industrial Co., Ltd.	Subsidiary to subsidiary	Other receivables	4,962,599	-	1
		Universal Global Technology (Kunshan) Co., Ltd.	Subsidiary to subsidiary	Other payables	3,615,043	-	1
		Universal Global Technology (Huizhou) Co., Ltd	Subsidiary to subsidiary	Other receivables	212,421	-	-
			Subsidiary to subsidiary	Other payables	1,699,791	-	-
15	Universal Global Technology Co., Limited	Universal Scientific Industrial (Shanghai) Co., Ltd.	Subsidiary to subsidiary	Other receivables	571,827	-	-
		Universal Scientific Industrial De Mexico S.A. De C.V.	Subsidiary to subsidiary	Other assets	1,827,000	-	-
		Universal Global Technology (Kunshan) Co., Ltd.	Subsidiary to subsidiary	Other receivables	583,959	-	-
		Universal Scientific Industrial (France)	Subsidiary to subsidiary	Other assets	976,874	-	-
		ASTEELFLASH USA CORP.	Subsidiary to subsidiary	Other assets	213,150	-	-
		ASTEELFLASH FRANCE	Subsidiary to subsidiary	Other receivables	778,188	-	-
		FINANCIERE AFG	Subsidiary to subsidiary	Other assets	1,589,490	-	-
16	Universal Global Scientific Industrial Co., Ltd.	Universal Scientific Industrial Co., Ltd	Subsidiary to subsidiary	Other payables	201,670	-	-
		Universal Scientific Industrial (Shanghai) Co., Ltd.	Subsidiary to subsidiary	Operating revenues	101,616	-	-
			Subsidiary to subsidiary	Trade receivables	100,719	-	-
17	USI Electronics (Shenzhen) Co., Ltd.	Universal Global Scientific Industrial Co., Ltd.	Subsidiary to subsidiary	Operating revenues	104,702	-	-
		Universal Global Technology (Huizhou) Co., Ltd	Subsidiary to subsidiary	Other receivables	1,207,650	-	-

(Continued)

No.	Company Name	Related Party	Nature of Relationships	Intercompany Transactions			Percentage of Consolidated Net Revenue or Total Assets
				Financial Statement Account	Amount (Note 2)	Terms (Note 1)	
18	Universal Global Technology (Kunshan) Co., Ltd.	Universal Global Scientific Industrial Co., Ltd.	Subsidiary to subsidiary	Operating revenues	\$ 4,090,005	-	3
19	Universal Global Technology (Shanghai) Co., Ltd.	Universal Global Technology (Kunshan) Co., Ltd.	Subsidiary to subsidiary	Other assets	1,329,365	-	-
20	USI Enterprise Limited	Universal Scientific Industrial (Shanghai) Co., Ltd.	Subsidiary to subsidiary	Financial assets at fair value through profit or loss - current	7,621,344	-	1
		Real Tech Holdings Limited	Subsidiary to subsidiary	Other liabilities	1,187,550	-	-
		USI Inc.	Subsidiary to subsidiary	Other receivables	1,862,227	-	-
21	USI America Inc.	ASTEELFLASH USA CORP.	Subsidiary to subsidiary	Other receivables	167,475	-	-
22	Universal Scientific Industrial (France)	ASTEELFLASH TUNISIE S.A.	Subsidiary to subsidiary	Other assets	420,553	-	-
		ASTEELFLASH HERSFELD GmbH	Subsidiary to subsidiary	Other assets	301,341	-	-
23	Universal Global Technology (Huizhou) Co., Ltd	Universal Global Scientific Industrial Co., Ltd.	Subsidiary to subsidiary	Operating revenues	1,779,474	-	1
		UNIVERSAL SCIENTIFIC INDUSTRIAL DE MEXICO S. A. DE C. V.	Subsidiary to subsidiary	Operating revenues	219,299	-	-
			Subsidiary to subsidiary	Trade receivables	229,356	-	-
24	Asteelflash Suzhou Co., Ltd.	Universal Global Technology Co., Limited	Subsidiary to subsidiary	Other assets	1,613,850	-	-
		ASTEELFLASH TUNISIE S.A.	Subsidiary to subsidiary	Other receivables	365,400	-	-
25	ASTEELFLASH USA CORP.	ASTEELFLASH MEXICO S.A. de C.V.	Subsidiary to subsidiary	Other receivables	186,975	-	-
26	ASTEELFLASH MEXICO S.A. de C.V.	ASTEELFLASH USA CORP.	Subsidiary to subsidiary	Other receivables	228,014	-	-
27	FINANCIERE AFG	ASTEELFLASH (BEDFORD) LIMITED	Subsidiary to subsidiary	Other assets	133,231	-	-
		ASTEELFLASH USA CORP.	Subsidiary to subsidiary	Trade receivables	117,387	-	-
		ASTEELFLASH PLZEŇ S.R.O.	Subsidiary to subsidiary	Other assets	135,769	-	-
		ASTEELFLASH TUNISIE S.A.	Subsidiary to subsidiary	Other assets	617,013	-	-
28	ASTEELFLASH TUNISIE S.A.	ASTEELFLASH FRANCE	Subsidiary to subsidiary	Operating revenues	161,316	-	-
			Subsidiary to subsidiary	Trade receivables	102,326	-	-
29	SPIL	Siliconware Technology (Suzhou) Limited	Subsidiary to subsidiary	Other receivables	2,020,882	-	-
			Subsidiary to subsidiary	Sales of property, plant and equipment	132,654	-	-
		Siliconware USA, Inc.	Subsidiary to subsidiary	Operating expenses	107,269	-	-

(Concluded)

Note 1: The sales prices and payment terms of intercompany sales are not significantly different from those to third parties. For other intercompany transactions, prices and terms are determined in accordance with mutual agreements.

Note 2: All the transactions had been eliminated when preparing consolidated financial statements.

ASE TECHNOLOGY HOLDING CO., LTD.

INFORMATION OF MAJOR SHAREHOLDERS
MARCH 31, 2023

Name of Major Shareholder	Shares	
	Number of Shares	Percentage of Ownership (%)
A.S.E. Enterprises Limited	684,327,886	15.64%
Citibank Taiwan: custody of ASE Depository Certificates	314,327,740	7.18%
HSBC: custody of the Company's investment account of value investing company	265,024,820	6.05%

Note 1: The information of major shareholders presented in this table is provided by Taiwan Depository & Clearing Corporation based on the number of ordinary shares and preferred shares held by shareholders with ownership of 5% or greater, that have been issued without physical registration (included treasury shares) by the Company as of the last business day for the current quarter. The share capital in the consolidated financial statements may differ from the actual number of shares that have been issued without physical registration because of different preparation basis.

Note 2: If a shareholder delivers their shareholdings to the trust, the above information will be disclosed by the individual trustee who opened the trust account. For shareholders who declare insider shareholdings with ownership greater than 10% in accordance with Security and Exchange Act, the shareholdings include shares held by shareholders and those delivered to the trust over which shareholders have rights to determine the use of trust property. For information relating to insider shareholding declaration, please refer to Market Observation Post System.