

**Princeton Technology Corp.  
and Subsidiaries  
Consolidated Financial Statements for the  
Years Ended December 31, 2023 and 2022  
Together with Independent Auditors' Report**

## **REPRESENTATION LETTER**

The entities that are required to be included in the combined financial statements of Princeton Technology Corp. as of and for the year ended December 31, 2023, under the Criteria Governing the Preparation of Affiliation Reports, Consolidated Business Reports and Consolidated Financial Statements of Affiliated Enterprises are the same as those included in the consolidated financial statements prepared in conformity with the International Financial Reporting Standard 10. In addition, the information required to be disclosed in the combined financial statements is included in the consolidated financial statements. Consequently, Princeton Technology Corp. and subsidiaries do not prepare a separate set of combined financial statements.

Very truly yours,

Princeton Technology Corp.

By

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Richard Chiang

Chairman

February 29, 2024

## **Independent Auditors' Report**

The Board of Directors and Stockholders  
Princeton Technology Corp.

### **Opinion**

We have audited the accompanying consolidated financial statements of Princeton Technology Corp. and subsidiaries (the Company), which comprise the consolidated balance sheets as of December 31, 2023 and 2022, and the related consolidated statements of comprehensive income, consolidated statements of changes in equity and consolidated statements of cash flows for the years then ended, and the notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, based on our audits and the reports of other auditors (please refer to the Other Matter), the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Company as of December 31, 2023 and 2022, and its consolidated financial performance and its consolidated cash flows for the years then ended in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and the International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), IFRIC Interpretations (IFRIC), and SIC Interpretations (SIC) endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China.

### **Basis for Opinion**

We conducted our audits in accordance with the Regulations Governing Financial Statements Audit and Attestation Engagements of Certified Public Accountants and the Standards on Auditing of the Republic of China. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are independent of the Company in accordance with The Norm of Professional Ethics for Certified Public Accountant of the Republic of China and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

### **Key Audit Matters**

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements for the year ended December 31, 2023. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Key audit matters for the Company's consolidated financial statements for the year ended December 31, 2023 are stated as follows:

#### Allowance for Inventory Valuation and Obsolescence Losses

The Company's inventories consist of wafers and integrated circuits. Due to the rapid technological changes and volatile market, the estimate of the realizable value of inventories and the identification of slow-moving inventories require significant management judgment. We believe that the allowance for inventory valuation and obsolescence losses is a Key Audit Matter item. Refer to Notes 5&11.

Our Key audit procedures performed in respect of the above included the following:

1. Assessed the adequacy of inventory valuation policy adopted by the management.
2. Obtained the valuation report of inventories prepared by the management ; Selected samples to examine whether inventories are stated at the lower of cost or net realizable value and assessed the reasonableness of the management's assumption.
3. Obtained 、 tested and inspected the inventory aging report prepared by the management ; Observed physical inventory-taking to evaluate whether the allowance of inventories obsolescence losses was appropriate.

### **Other Matter**

As shown in the accompanying consolidated financial statements, the Company had long-term investment in Microlink Communications Inc. accounted for under equity method based on financial

statements as of December 31, 2023 and 2022, which were audited by the other auditor. Our audit, insofar as it related to the investment accounted for under the equity method balances both to NT\$0 as of December 31, 2023 and 2022, the related share of the investment loss from the associates and joint ventures both amounted to NT\$0 for the years ended December 31, 2023 and 2022, is based solely on the report of the other independent accountant.

We have also audited the parent company only financial statements of Princeton Technology Corp as of and for the years ended December 31, 2023 and 2022 on which we have issued an unmodified opinion with other matter paragraph.

### **Responsibilities of Management and Those Charged with Governance for 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 the IFRS, IAS, IFRIC, and SIC endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

Those charged with governance (including members of the Audit Committee) are responsible for overseeing the Company's financial reporting process.

### **Auditors' Responsibilities for the Audit of the Consolidated Financial Statements**

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the Standards on Auditing of the Republic of China will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with the Standards on Auditing of the Republic of China, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

1. Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
2. Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.
3. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
4. Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Company to cease to continue as a going concern.

5. Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

6. Obtain sufficient and appropriate audit evidence regarding the financial information of entities or business activities within the Company to express an opinion on the consolidated financial statements.

We are responsible for the direction, supervision, and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements for the year ended December 31, 2023 and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

WU MENG TA

PAN JIN SHU

Crowe (TW) CPAs

February 29, 2024

#### Notice to Readers

The accompanying consolidated financial statements are intended only to present the consolidated financial position, results of operations 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 audit such consolidated financial statements are those generally accepted and applied in the Republic of China.

For the convenience of readers, the auditors' 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 auditors' report and consolidated financial statements shall prevail.

**English Translation of Consolidated Financial Statements Originally Issued in Chinese**

Princeton Technology Corp. and Subsidiaries

Consolidated Balance Sheets

December 31, 2023 and 2022

(Expressed in Thousand New Taiwan Dollars)

Assets	Note	December 31, 2023		December 31, 2022	
		Amount	%	Amount	%
<b>Current assets</b>					
Cash and cash equivalents	Note 6	\$ 251,301	10	\$ 275,310	10
Financial assets at fair value through profit or loss	Note 7	339,234	14	214,306	8
Financial assets at amortized cost	Note 9	0	0	76,681	3
Notes receivable, net	Note 10	2,738	-	13,169	-
Accounts receivable, net	Note 10	310,128	12	383,373	14
Other receivables	Notes 10&32	6,096	-	11,190	-
Current tax assets	Note 29	530	-	481	-
Inventories, net	Note 11	527,026	22	719,641	27
Prepayments		11,850	-	16,028	1
Other financial assets	Notes 6&33	2,031	-	2,065	-
Total current assets		<u>1,450,934</u>	<u>58</u>	<u>1,712,244</u>	<u>63</u>
<b>Non-current assets</b>					
Financial assets at fair value through profit or loss	Note 7	42,291	2	20,995	1
Financial assets at fair value through other comprehensive income	Note 8	51,281	2	8,201	-
Investments accounted for under the equity method	Notes 12&32	61,972	2	6,645	-
Property, plant and equipment	Notes 13&33	423,169	17	429,512	16
Right-of-use assets	Note 14	4,046	-	8,361	-
Investment property	Notes 15&33	269,432	11	271,040	10
Intangible assets	Note 16	3,939	-	4,050	-
Deferred tax assets	Note 29	13,482	-	12,651	-
Other noncurrent assets	Notes 17&34	194,560	8	277,673	10
Total non-current assets		<u>1,064,172</u>	<u>42</u>	<u>1,039,128</u>	<u>37</u>
Total assets		<u>\$ 2,515,106</u>	<u>100</u>	<u>\$ 2,751,372</u>	<u>100</u>
<b>Liabilities and stockholders' equity</b>					
<b>Current liabilities</b>					
Short-term loans	Note 18	\$ 34,407	2	\$ -	-
Contract liability	Note 24	7,678	-	17,581	1
Accounts payable		112,506	4	163,533	6
Other payables	Note 19	92,400	4	115,932	4
Other current liabilities		533	-	652	-
Total current liabilities		<u>247,524</u>	<u>10</u>	<u>297,698</u>	<u>11</u>
<b>Non-current liabilities</b>					
Long-term loans payable	Notes 20&33	-	-	91,980	3
Deferred tax liability	Note 29	4,602	-	7,726	0
Net defined benefit liability	Note 21	12,266	-	15,556	1
Refundable deposits	Note 22	35,311	2	110,035	4
Total non-current liabilities		<u>52,179</u>	<u>2</u>	<u>225,297</u>	<u>8</u>
Total liabilities		<u>299,703</u>	<u>12</u>	<u>522,995</u>	<u>19</u>
<b>Equity attributable to the parent company</b>					
Capital	Note 23	1,809,437	72	1,809,437	66
Additional paid-in capital	Note 23	73,923	3	21,144	1
Retained earnings	Note 23				
Legal reserve		112,070	5	94,775	3
Special capital reserve		37,193	2	-	-
Accumulated losses		61,011	2	172,948	6
Total retained earnings		<u>210,274</u>	<u>9</u>	<u>267,723</u>	<u>9</u>
Other components of equity	Note 23	(45,891)	(2)	(37,193)	(1)
Total equity attributable to the parent		<u>2,047,743</u>	<u>82</u>	<u>2,061,111</u>	<u>75</u>
Non-controlling interests	Note 23	167,660	6	167,266	6
Total equity		<u>2,215,403</u>	<u>88</u>	<u>2,228,377</u>	<u>81</u>
Total liabilities and equity		<u>\$ 2,515,106</u>	<u>100</u>	<u>\$ 2,751,372</u>	<u>100</u>

The accompanying notes are integral part of consolidated financial statements.

**English Translation of Consolidated Financial Statements Originally Issued in Chinese**

Princeton Technology Corp. and Subsidiaries  
Consolidated Statements of Comprehensive Income  
For the years ended December 31, 2023 & 2022

(Expressed in Thousand New Taiwan Dollars, Except for Earnings Per Share Amounts)

	Note	2023		2022	
		Amount	%	Amount	%
Net sales	Notes 24&32	\$ 1,659,635	100	\$ 1,948,855	100
Cost of goods sold	Notes 11.21&25	(1,099,110)	(66)	(1,254,555)	(64)
Gross profit		560,525	34	694,300	36
Operating expenses	Notes 21.25&32				
Marketing		(53,900)	(3)	(52,953)	(3)
General and administrative		(163,033)	(10)	(164,286)	(9)
Research and development		(343,942)	(21)	(338,394)	(17)
Total operating expenses		(560,875)	(34)	(555,633)	(29)
Operating gain		(350)	-	138,667	7
Non-operating income and expenses					
Interest income	Note 26	3,404	-	3,339	-
Other gain and loss	Notes 27&32	68,546	4	34,616	2
Finance costs	Note 28	(2,222)	-	(2,852)	-
Share of loss of associates and joint ventures	Note 12	(12,169)	-	(7,257)	-
Subtotal		57,559	4	27,846	2
Income from continuing operations before income tax		57,209	4	166,513	9
Income tax benefit	Note 29	2,244	-	1,669	-
Net income		59,453	4	168,182	9
Other comprehensive income and loss					
Items that will not be reclassified subsequently to profit or loss:					
Remeasurement of defined benefit plans	Note 23	1,422	-	6,321	-
Unrealized gain (loss) on investments in equity instruments at fair value through other comprehensive income	Note 23	306	-	(1,215)	-
Income tax expense related to items that will not be reclassified subsequently to profit or loss	Note 29	(284)	-	(1,264)	-
Subtotal		1,444	-	3,842	-
Items that may be reclassified subsequently to profit or loss:					
Exchange differences on translation of foreign operations	Note 23	(11,235)	-	79,917	3
Income tax benefit related to items that may be					
Share of other comprehensive loss of subsidiaries and associates	Note 23	(42)	-	-	-
Income tax benefit (expense) related to items that may be reclassified subsequently to profit or loss	Notes 23&29	2,240	-	(10,601)	-
Subtotal		(9,037)	-	69,316	3
Total other comprehensive (loss) income, net of tax		(7,593)	-	73,158	3
Total comprehensive income		\$ 51,860	4	\$ 241,340	12
Net income attributable to:					
Stockholders of the parent		\$ 59,026	9	\$ 167,891	9
Non-controlling interests		427	-	291	-
		\$ 59,453	4	\$ 168,182	9
Comprehensive income attributable to:					
Stockholders of the parent		\$ 51,466	4	\$ 224,540	11
Non-controlling interests		394	-	16,800	1
		\$ 51,860	4	\$ 241,340	12
Earnings per share	Note 30				
Basic earnings per share		\$ 0.33		\$ 0.93	
Diluted earnings per share		\$ 0.33		\$ 0.92	

The accompanying notes are integral part of consolidated financial statements.

**English Translation of Consolidated Financial Statements Originally Issued in Chinese**

Princeton Technology Corp. and Subsidiaries

Consolidated Statements of Changes in Equity

For the years ended December 31, 2023 & 2022

(Expressed in Thousand New Taiwan Dollars)

Equity attributable to the parent

	Additional paid-in capital				Retained earnings				Other components of equity				Total Equity
	Common Stock	Premiums	Recognize changes in subsidiaries' ownership	Share of changes in equities of associates and joint venture	Employee stock options	Legal reserve	Special reserve	Unappropriated earnings (Accumulated losses)	Exchange differences arising on translation of foreign operations	Unrealized gain (loss) on investments in equity instruments at fair value through other comprehensive income	Total equity attributable to the parent	Non-controlling interests	
Balance as of January 1, 2022	\$ 1,809,437	\$ 1,102	\$ 39	\$ 13,262	\$ 4,592	\$ 306,123	\$ -	\$ (211,348)	\$ (52,925)	\$ (35,860)	\$ 1,834,422	\$ 150,466	\$ 1,984,888
Deficit compensated through legal reserve	-	-	-	-	-	(211,348)	-	211,348	-	-	-	-	-
Adjustments to share of changes in equities of associates and joint venture	-	-	-	2,149	-	-	-	-	-	-	2,149	-	2,149
Net income for the year ended December 31, 2022	-	-	-	-	-	-	-	167,891	-	-	167,891	291	168,182
Other comprehensive income (loss) for the year ended December 31, 2022	-	-	-	-	-	-	-	5,057	52,807	(1,215)	56,649	16,509	73,158
Total comprehensive income	-	-	-	-	-	-	-	172,948	52,807	(1,215)	224,540	16,800	241,340
Balance as of December 31, 2022	1,809,437	1,102	39	15,411	4,592	94,775	-	172,948	(118)	(37,075)	2,061,111	167,266	2,228,377
Appropriations of 2022 earnings	-	-	-	-	-	-	-	-	-	-	-	-	-
Legal reserve	-	-	-	-	-	17,295	-	(17,295)	-	-	-	-	-
Special reserve	-	-	-	-	-	-	37,193	(37,193)	-	-	-	-	-
Cash dividends to shareholders	-	-	-	-	-	-	-	(117,613)	-	-	(117,613)	-	(117,613)
Adjustments to share of changes in equities of associates and joint venture	-	-	-	52,779	-	-	-	-	-	-	(52,779)	-	52,779
Net income for the year ended December 31, 2023	-	-	-	-	-	-	-	59,026	-	-	59,026	427	59,453
Other comprehensive income (loss) for the year ended December 31, 2023	-	-	-	-	-	-	-	1,138	(9,004)	306	(7,560)	(33)	(7,593)
Total comprehensive income	-	-	-	-	-	-	-	60,164	(9,004)	306	51,466	394	51,860
Balance as of December 31, 2023	\$ 1,809,437	\$ 1,102	\$ 39	\$ 68,190	\$ 4,592	\$ 112,070	\$ 37,193	\$ 61,011	\$ (9,122)	\$ (36,769)	\$ 2,047,743	\$ 167,660	\$ 2,215,403

The accompanying notes are integral part of consolidated financial statements.

**English Translation of Consolidated Financial Statements Originally Issued in Chinese**

Princeton Technology Corp. and Subsidiaries

Consolidated Statements of Cash Flows

For the years ended December 31, 2023 & 2022

(Expressed in Thousand New Taiwan Dollars)

	<u>2023</u>	<u>2022</u>
Cash flows from operating activities:		
Net income before tax	\$ 57,209	\$ 166,513
Adjustments to reconcile net income to net cash provided by (used in) operating activities:		
Depreciation	53,871	49,550
Amortization expense	52	135
Expected credit gains	-	32
Net (income) loss of financial assets at fair value through profit or loss	(18,431)	9,404
Finance costs	2,222	2,852
Interest income	(3,404)	(3,339)
Share of loss of associates and joint ventures	12,169	7,257
Gain on disposal of property, plant and equipment, net	(118)	(43)
Changes in operating assets and liabilities:		
Decrease (increase) in :		
Mandatorily classified FVTPL	(112,856)	(9,844)
Notes receivable	10,431	699
Accounts receivable	73,245	(45,674)
Other receivables	4,357	(4,169)
Inventories	192,615	(397,768)
Prepayments	4,178	(2,597)
Other financial asset	34	(12)
Increase (decrease) in :		
Contract liability	(9,903)	10,985
Accounts payable	(51,027)	(3,956)
Other payables	(21,768)	30,934
Other current liabilities	(119)	150
Net defined benefit liabilities	(1,868)	(1,824)
Cash provided by (used in) operations	190,889	(190,715)
Interest received	4,141	2,660
Interest paid	(3,984)	(1,560)
Dividend paid	(117,613)	-
Income tax received	111	436
Net cash provided by (used in) operating activities	<u>73,544</u>	<u>(189,179)</u>

(Continued)

	<u>2023</u>	<u>2022</u>
Cash flows from investing activities:		
Proceeds from disposal of financial assets at fair value through other comprehensive income	(42,774)	-
Proceeds from Financial assets at amortized cost	76,681	23,667
Acquisition of financial assets at fair value through profit or loss	(19,500)	(21,000)
Acquisition of investments accounted for under the equity method	(14,760)	-
Acquisition of property, plant and equipment	(35,673)	(37,459)
Proceeds from disposal of property, plant and equipment	118	43
Acquisition of intangible assets	(17)	(22)
Increase in other noncurrent assets	-	(26,205)
Decrease in other noncurrent assets	77,450	-
Net cash provided by (used in) investing activities	<u>41,525</u>	<u>(60,976)</u>
Cash flows from financing activities		
Increase in short-term loans	34,407	-
Decrease in long-term loans	(91,965)	-
Decrease in guarantee deposits received	(74,724)	(299)
Repayment of the principal portion of lease liabilities	-	(1,450)
Increase (decrease) in non-controlling interests	(33)	16,509
Net cash (used in) provided by financing activities	<u>(132,315)</u>	<u>14,760</u>
Effect of exchange rate changes on cash and cash equivalents	<u>(6,763)</u>	<u>19,602</u>
Net decrease in cash and cash equivalents	(24,009)	(215,793)
Cash and cash equivalents at beginning of period	<u>275,310</u>	<u>491,103</u>
Cash and cash equivalents at end of period	<u>\$ 251,301</u>	<u>\$ 275,310</u>

(Concluded)

The accompanying notes are integral part of consolidated financial statements.

**English Translation of Financial Statements Originally Issued in Chinese**  
**Princeton Technology Corp. and Subsidiaries**  
**Notes to Consolidated Financial Statements**  
**For the years ended December 31, 2023 & 2022**  
**(Expressed in Thousand New Taiwan Dollars, unless otherwise specified)**

**1. Company establishment**

Princeton Technology Corp. (PTC) was established in May 1986. It specializes in the development, design, testing and sales of high quality, high value-added consumer integrated circuits (ICs). PTC's common shares were publicly listed on the Gre Tai Securities Market (GTSM) in December, 2001.

**2. Date and procedures of authorization of financial statements for issue**

The financial statements were approved and authorized for issue by the Board of Directors on February 29, 2024.

**3. Newly issued or revised standards and interpretations**

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

New standards, interpretations and amendments as endorsed by FSC effective from 2023 are as follows:

<u>New, Revised or Amended Standards and Interpretations</u>	<u>Effective Date Issued by IASB</u>
Amendments to IAS 1 "The disclosure of accounting policies"	January 1, 2023(Note1)
Amendments to IAS 8 "Clarify the definition of accounting estimates"	January 1, 2023(Note2)
Amendments to IAS 12 "Deferred Tax related to Assets and Liabilities arising from a Single Transaction"	January 1, 2023(Note3)
Amendments to IAS 12 "International Tax Reform - Pillar Two Model Rules"	Note4

Note 1: The amendments will be applied prospectively for annual reporting periods beginning on or after January 1, 2023.

Note 2: The amendments are applicable to changes in accounting estimates and changes in accounting policies that occur on or after the beginning of the annual reporting period beginning on or after January 1, 2023.

Note 3: Except for deferred taxes that will be recognized on January 1, 2022 for temporary differences associated with leases and decommissioning obligations, the amendments will be applied prospectively to transactions that occur on or after January 1, 2022.

Note 4: As a temporary exception under IAS 12, the Company shall not recognize deferred income tax assets and liabilities related to Pillar Two income tax, nor shall it disclose their related information. However, the Company shall disclose in its financial report that it has already applied this exception. The Company shall apply this part of the amendment retrospectively in accordance with IAS 8 since its issuance date (i.e. May 23, 2023). The Company shall apply the remaining disclosure requirements for the annual reporting periods beginning on or after January 1, 2023 and needs not to disclose such information in its interim reports with a reporting dates ending before or on December 31, 2023.

The initial application of the amendments to the IFRSs endorsed and issued into effect by the FSC did not have a significant effect on the Company accounting policies.

b. Effect of new issuances or amendments to IFRSs as endorsed by the FSC but not yet adopted:

<u>New, Revised or Amended Standards and Interpretations</u>	<u>Effective Date Issued by IASB</u>
Amendments to IFRS 16 “Leases Liability in a Sale and leaseback”	January 1, 2024(Note1)
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
Amendments to IAS 7 and IFRS 7 “Supplier finance arrangements”	January 1, 2024(Note2)

Note1: The seller-lessee shall apply the amendments retroactively in accordance with IAS 8 for the sale and leaseback transactions made after the initial application of IFRS 16.

Note 2: This amendment provides certain transitional reliefs. When initially applying the amendment, Group are not required to disclose comparative information and interim period information, as well as opening information required by paragraph 44H(b)(ii)-(iii).

As of the date the accompanying consolidated financial statements were issued, the Company continues in evaluating the impact on its financial position and financial performance as a result of the initial adoption of the other standards or interpretations. The related impact will be disclosed when the Company completes the evaluation.

c. The IFRSs issued by IASB but not yet endorsed and issued into effect by FSC

<u>New, Revised or Amended Standards and Interpretations</u>	<u>Effective Date Issued by IASB</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
IFRS 17 “Insurance Contracts”	January 1, 2023
Amendments to IFRS 17	January 1, 2023
Amendments to IFRS 17 “Initial Application of IFRS 9 and IFRS 17 - Comparative Information”	January 1, 2023
Amendments to IAS 12 “International Tax Reform – Pillar Two model rules Template”	January 1, 2025

As of the date the accompanying consolidated financial statements were issued, the Company continues in evaluating the impact on its financial position and financial performance as a result of the initial adoption of the other standards or interpretations. The related impact will be disclosed when the Company completes the evaluation.

#### **4. Summary of significant accounting policies**

Significant accounting policies are summarized as follows:

##### **Statement of Compliance**

The accompanying consolidated financial statements have been prepared in conformity with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and the IFRSs endorsed by the FSC with the effective dates.

##### **Basis of Preparation**

The consolidated financial statements have been prepared on the historical cost basis except for financial instruments which are measured at fair value and net defined benefit liabilities which are measured at the present value of the defined benefit obligation less the fair value of plan assets, as explained in the accounting policies below.

##### **Basis of Consolidation**

###### **a. The basis for the consolidated financial statements**

The consolidated financial statements incorporate the financial statements of PTC and entities controlled by PTC (its subsidiaries). Income and expenses of subsidiaries acquired or disposed of are included in the consolidated statement of comprehensive income from the

effective date of acquisition and up to the effective date of disposal, as appropriate. When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with those used by the Company.

All intra-group transactions, balances, income and expenses are eliminated in full on consolidation. Total comprehensive income of subsidiaries is attributed to the owners of the Company and to the noncontrolling interests even if this results in the noncontrolling interests having a deficit balance.

Changes in the Company's ownership interests in subsidiaries that do not result in the Company losing control over the subsidiaries are accounted for as equity transactions. The carrying amounts of the Company's interests and the non-controlling interests are adjusted to reflect the changes in their relative interests in the subsidiaries. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognized directly in equity and attributed to owners of the Company.

When the Company loses control of a subsidiary, the Company should recognize any resulting differences between (1) the fair value of the consideration received, from the transaction, event or circumstances that resulted in the loss of control; and any investment retained in the former subsidiary at its fair value at the date when control is lost, and (2) the assets (including any goodwill), liabilities and any non-controlling interests of the former subsidiary at their carrying amounts at the date when control is lost.

If the Company loses control of a subsidiary, the Company shall account for all amounts recognized in other comprehensive income in relation to that subsidiary on the same basis as would be required if the Company had directly disposed of the related assets or liabilities.

The fair value of any investment retained in the former subsidiary at the date when control is lost shall be regarded as the cost on initial recognition of an investment in an associate.

#### b. The subsidiaries in the consolidated financial statements

The detail information of the subsidiaries at the end of reporting period was as follows:

Name of Investor	Name of Investee	Main Businesses and Products	Percentage of Ownership	
			December 31, 2023	December 31, 2022
Princeton Technology Corp.	PRINCETON SILICON LIMITED (PRINCETON SILICON)	Holding company	100.00%	100.00%
Princeton Technology Corp.	Princeton Capital Corp. (Princeton Capital)	Investment holding	100.00%	100.00%
PRINCETON SILICON	Princeton Technology (Shenzhen) Ltd. (Princeton Technology (Shenzhen))	IC sales, design & marketing and software research; the research and development of separators for lithium-ion batteries; communications equipment technical consulting and after-sale service	100.00%	100.00%
PRINCETON SILICON	Princeton Technology (Chengdu) Corp. (Princeton Technology (Chengdu))	IC design and software research, technology transfer, technical consulting, after-sales service; modular design of electronic systems, development and sale; IC sale, import and export, communications equipment research, sales, import and export, technical consulting, after-sale service; lithium-ion batteries research, sales, import and export; own house rental	100.00%	100.00%
Princeton Technology (Shenzhen)	Chengdu Chip-Rail Microelectronics Co., Ltd. (Chengdu Chip-Rail)	Computer systems development, IC design, computer hardware and software design and technical services	51.00%	51.00%

c. Unconsolidated subsidiaries: None.

d. Non-wholly owned subsidiaries that have noncontrolling material interests:

The information on non-controlling interest and respective subsidiaries are as follows:

Name of subsidiary	Principal place of business	Percentage of Ownership of Non-controlling Interest	
		December 31, 2023	December 31, 2022
Chengdu Chip-Rail	China	49.00%	49.00%

Name of subsidiary	Profit or Loss Distribute to Non-controlling Interest		Non-controlling Interest	
	2023	2022	December 31, 2023	December 31, 2022
Chengdu Chip-Rail	\$ 427	\$ 291	\$ 167,660	\$ 167,266

The summary financial information (including the intra-company transactions) of subsidiaries are as follows :

#### Balance sheets

	December 31, 2023	December 31, 2022
Current assets	\$ 388,554	\$ 386,522
Non-current assets	8,895	9,857
Current liabilities	(55,287)	(54,930)
Non-current liabilities	—	(91)
Equity	<u>\$ 342,162</u>	<u>\$ 341,358</u>
Equity attributable to :		
Stockholders of the parent	\$ 174,502	\$ 174,092
Non-controlling interests	<u>167,660</u>	<u>167,266</u>
	<u>\$ 342,162</u>	<u>\$ 341,358</u>

#### Statements of comprehensive incomes

	2023	2022
Net sales	<u>\$ 316,977</u>	<u>\$ 290,533</u>
Net profit for the period	\$ 872	\$ 593
Other comprehensive income	(68)	33,691
Total comprehensive income	<u>\$ 804</u>	<u>\$ 34,284</u>
Net profit attributable to :		
Stockholders of the parent	\$ 445	\$ 302
Non-controlling interests	<u>427</u>	<u>291</u>
	<u>\$ 872</u>	<u>\$ 593</u>
Comprehensive income attributable to:		
Stockholders of the parent	\$ 410	\$ 17,484
Non-controlling interests	<u>394</u>	<u>16,800</u>
	<u>\$ 804</u>	<u>\$ 34,284</u>
Dividends paid to non-controlling interests	<u>\$ —</u>	<u>\$ —</u>

## Statements of cash flows

	<u>2023</u>		<u>2022</u>
Net cash (used in) provided by operating activities \$	(79,099)	\$	46,938
Net cash provided by (used in) investing activities	29,858		(2,942)
Net cash used in financing activities	(87)		—
Net (decrease) increase in cash and cash equivalents \$	<u>(49,328)</u>	\$	<u>43,996</u>

e. Adjustments for subsidiaries with different balance sheet dates: None.

f. Issuance of securities held by a subsidiary of the parent content: None.

g. Significant restrictions: None.

### **Business combinations**

Acquisitions of businesses are accounted for using the acquisition method. Acquisition-related costs are generally recognized in profit or loss as they are incurred.

Goodwill is measured as the excess of the sum of the consideration transferred, the amount of any non-controlling interests in the acquiree, and the fair value of the acquirer's previously held equity interests in the acquiree over the net of the acquisition-date amounts of the identifiable assets acquired and the liabilities assumed.

When a business combination is achieved in stages, the Company's previously held equity interest in an acquiree is remeasured to fair value at the acquisition date, and the resulting gain or loss is recognized in profit or loss. Amounts arising from interests in the acquiree prior to the acquisition date that have previously been recognized in other comprehensive income are recognized on the same basis as would be required if those interests were directly disposed of by the Company.

### **Foreign Currencies**

The financial statements of each individual consolidated entity were expressed in the currency which reflected its primary economic environment (functional currency). The functional currency of the Company and presentation currency of the consolidated financial statements are both New Taiwan Dollars (NT\$).

In preparing the financial statements of each individual consolidated entity, transactions in currencies other than the entity's functional currency (foreign currencies) are recognized at the rates of exchange prevailing at the dates of the transactions. At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Such exchange differences are recognized in profit or loss in the year in which they arise.

Non-monetary items measured at fair value that are denominated in foreign currencies are retranslated at the rates prevailing at the date when the fair value was determined. Exchange differences arising on the retranslation of non-monetary items are included in profit or loss for the year except for exchange differences arising on the retranslation of non-monetary items in respect of which gains and losses are recognized directly in other comprehensive income, in which case, the exchange differences are also recognized directly in other comprehensive income.

Non-monetary items that are measured in terms of historical cost in foreign currencies are not retranslated.

For the purposes of presenting consolidated financial statements, the assets and liabilities of the Company's foreign operations are translated into NT\$ using exchange rates prevailing at the end of each reporting period. Income and expense items are translated at the average exchange rates for the period, unless exchange rates fluctuate significantly during that period,

in which case the exchange rates at the dates of the transactions are used. Exchange differences arising, if any, are recognized in other comprehensive income and accumulated in equity (attributed to non-controlling interests as appropriate).

### **Classification of Current and Noncurrent Assets and Liabilities**

Current assets are assets held for trading purposes and assets expected to be converted to cash or cash equivalent, sold or consumed within 12 months from the end of the reporting period, unless the asset is restricted from being exchanged or used to settle a liability for at least 12 months after the end of the reporting period.

Current liabilities are obligations incurred for trading purposes, obligations expected to be settled within 12 months from the end of the reporting periods and obligations for which the Company does not have an unconditional right to defer settlement for at least 12 months after the reporting period the end of the reporting period.

Assets and liabilities that are not classified as current are classified as non-current.

### **Cash Equivalents**

Cash and cash equivalents comprises cash on hand, demand deposits and short-term, highly liquid investments that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value (including the original maturity of the time deposits within three months).

### **Financial Instruments**

Financial assets and liabilities shall be recognized when the Company becomes a party to the contractual provisions of the instruments.

Financial assets and liabilities are initially recognized at fair values. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit or loss) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through profit or loss are recognized immediately in profit or loss /and include the original recognition amount of financial assets and financial liabilities.

### **Financial Assets**

All regular way purchases or sales of financial assets are recognized and derecognized on a trade date basis.

#### **a. Classification and subsequent measurement**

Financial assets are classified into the following categories: Financial assets at FVTPL, financial assets as amortized, and investments in debt and equity instruments at FVTOCI. The classification depends on the nature and purpose of the financial assets and is determined at the time of initial recognition.

##### **(a) Financial assets at FVTPL**

Financial assets are classified as at FVTPL, when the financial assets are mandatorily classified or are designated as at FVTPL.

Financial assets mandatorily classified as at FVTPL include investments in equity instruments which are not designated as at FVOCI and debt instruments that do not meet the amortized cost criteria or the FVOCI criteria.

Financial assets at FVTPL are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss. The net gain or loss recognized in profit or loss incorporates any dividend or interest earned on the financial asset.

##### **(b) Investments in equity instruments at FVTOCI**

On initial recognition, the Company may make an irrevocable election to designate investments in equity instruments as at FVTOCI. Designation at FVTOCI is not permitted if the equity investment is held for trading or if it is contingent consideration recognized by an acquirer in a business combination.

Investments in equity instruments at FVTOCI are subsequently measured at fair value with gains and losses arising from changes in fair value recognized in other comprehensive income and accumulated in other equity. The cumulative gain or loss will not be reclassified to profit or loss on disposal of the equity investments, instead, they will be transferred to retained earnings.

Dividends on these investments in equity instruments are recognized in profit or loss when the Company's right to receive the dividends is established, unless the dividends clearly represent a recovery of part of the cost of the investment.

(c) Financial assets at amortized cost

Financial assets that meet the following 2 conditions are subsequently measured at amortized cost:

- The financial asset is held within a business model whose objective is collecting contractual cash flows; and
- The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding.

Subsequent to initial recognition, financial assets at amortized cost (including cash and cash equivalents, accounts receivable), are measured at amortized cost, which equals gross carrying amount determined by the effective interest method less any impairment loss. Exchange differences are recognized in profit or loss.

b. Impairment of financial assets and contract assets

The Company recognizes a loss allowance for expected credit losses on financial assets at amortized cost (including trade receivable), investments in debt instrument that are measured at FVTOCI as well as contract assets.

The Company always recognizes lifetime Expected Credit Losses (ECLs) for accounts receivable, contract assets and lease receivables. For all other financial instruments, the Company recognizes lifetime ECLs when there has been a significant increase in credit risk since initial recognition. If, on the other hand, the credit risk on the financial instrument has not increased significantly since initial recognition, the Company measures the loss allowance for that financial instrument at an amount equal to 12-month ECLs.

Expected credit losses reflect the weighted average of credit losses with the respective risks of a default occurring as the weights. Lifetime ECLs represent the expected credit losses that will result from all possible default events over the expected life of a financial instrument. In contrast, 12-month ECLs represent the portion of lifetime ECLs that is expected to result from default events on a financial instrument that are possible within 12 months after the reporting date.

The Company recognizes an impairment gain or loss in profit or loss for all financial instruments with a corresponding adjustment to their carrying amount through a loss allowance account, except for investments in debt instruments that are measured at FVTOCI, for which the loss allowance is recognized in other comprehensive income and does not reduce the carrying amount of the financial asset.

c. Derecognition of financial assets

The Company derecognizes a financial asset only when the contractual rights to the cash flows from the asset expire, or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another entity.

On derecognition of a financial asset at amortized cost in its entirety, the difference between the carrying amount and the consideration received or receivable including any cumulative gain or loss that had been recognized in other comprehensive income, is recognized in profit or loss. On derecognition of an investment in an equity instrument at FVTOCI in its entirety, the cumulative gain or loss that had been recognized in other comprehensive income is transferred directly to retained earnings, without reclassifying to profit or loss.

## **Equity instruments and Financial Liabilities**

Debt and equity instruments issued by the Company are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangements and the definitions of a financial liability and an equity instrument.

### **a. Equity instruments**

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. Equity instruments issued by the Company are recognized at the proceeds received, net of direct issue costs.

If the Company reacquires its own equity instruments, those instruments shall be deducted from equity. No gain or loss shall be recognized in profit or loss on the purchase, sale, issue or cancellation of the Company's own equity instruments.

### **b. Financial liabilities**

Financial liabilities are subsequently measured either at amortized cost using effective interest method or at FVTPL.

Financial liabilities are classified as at FVTPL when the financial liability is either held for trading or is designated as at fair value through profit or loss.

Financial liabilities at FVTPL are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss.

Financial liabilities other than those held for trading purposes and designated as at FVTPL are subsequently measured at amortized cost at the end of each reporting period.

### **c. Derecognition of financial liabilities**

The Company derecognizes financial liabilities when, and only when, the Company's obligations are discharged, cancelled or they expire. The difference between the carrying amount of the financial liability derecognized and the consideration paid and payable is recognized in profit or loss.

## **Inventories**

Inventories consist of raw materials, work in process, finished goods and merchandise. Inventories are stated at actual purchase costs and the weight-average method is applied in computing the cost of inventories.

Inventories are valued at the lower of cost or net realizable value item by item. Net realizable value represents the estimated selling price of inventories less all estimated costs of completion and costs necessary to make the sale.

## **Investments Accounted for under the Equity Method**

An associate is an entity over which the Company has significant influence and that is neither a subsidiary nor an interest in a joint venture.

The operating results and assets and liabilities of associates are incorporated in these consolidated financial statements using the equity method of accounting. Under the equity method, an investment in an associate is initially recognized in the consolidated statement of financial position at cost and adjusted thereafter to recognize the Company's share of the profit or loss and other comprehensive income of the associate. The Company also recognized the changes in the share of equity of associates.

If the Company share of losses of an associate equals or exceeds its "interest in the associate", the Company discontinues recognizing its share of further losses. The "interest in an associate" is the carrying amount of the investment in the associate under the equity method together with any long-term interests that, in substance, form part of the Company's net investment in the associate. After the interest is reduced to zero, additional losses are recognized by a provision (liability) only to the extent that the Company has incurred legal or constructive obligations or made payments on behalf of the associate.

Any excess of the cost of acquisition over the Company's share of the net fair value of the identifiable assets and liabilities of an associate recognized at the date of acquisition is recognized as goodwill, which is included within the carrying amount of the investment and

cannot be amortized. Any excess of the Company's share of the net fair value of the identifiable assets and liabilities over the cost of acquisition, after reassessment, is recognized immediately in profit or loss.

When the Company subscribes for additional associate new shares at a percentage different from its existing ownership percentage, the resulting carrying amount of the investment differs from the amount of the Company's proportionate interest in the associate. The Company records such a difference as an adjustment to investments with the corresponding amount charged or credited to capital surplus. If the Company's ownership interest is reduced due to the additional subscription of associate new shares, the proportionate amount of the gains or losses previously recognized in other comprehensive income in relation to that associate shall be reclassified to profit or loss on the same basis as would be required if the investee had directly disposed of the related assets or liabilities, the above adjustment shall change to capital surplus or retained earnings.

When necessary, the entire carrying amount of the investment (including goodwill) is tested for impairment as a single asset by comparing its recoverable amount (higher of value in use and fair value less costs to sell) with its carrying amount. Any impairment loss recognized forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognized to the extent that the recoverable amount of the investment subsequently increases.

The Company discontinues the use of the equity method from the date on which it ceases to have significant influence over the associate and the joint venture. Any retained investment is measured at fair value at that date and the fair value is regarded as its fair value on initial recognition as a financial asset. The difference between the previous carrying amount of the associate and the joint venture attributable to the retained interest and its fair value is included in the determination of the gain or loss on disposal of the associate and the joint venture. In addition, The Company accounts for all amounts previously recognized in other comprehensive income in relation to that associate and the joint venture on the same basis as would be required if that associate had directly disposed of the related assets or liabilities.

Unrealized gains and losses resulting from transactions between the Company and the associate are eliminated to the extent of the interest in the associate.

### **Property, Plant and Equipment**

Property, plant and equipment are measured at cost less accumulated depreciation and accumulated impairment. Costs include any incremental costs that are directly attributable to the construction or acquisition of the item of property, plant and equipment.

Properties in the course of construction for production, supply or administrative purposes are carried at cost, less any recognized impairment loss. Such properties are classified to the appropriate categories of property, plant and equipment when completed and ready for intended use. Depreciation of these assets commences when the assets are ready for their intended use.

Land is not depreciated.

Depreciation is recognized so as to write off the cost of the assets less their residual values over their useful lives, and it is computed using the straight-line method over the estimated useful lives. The estimated useful lives, residual values and depreciation method are reviewed at the end of each reporting period, with the effect of any changes in estimates accounted for on a prospective basis.

Any gain or loss arising on the disposal or retirement of an item of property, plant and equipment is determined as the difference between the sales proceeds and the carrying amount of the asset and is recognized in profit or loss.

### **Leases**

At the inception of a contract, the Company assesses whether the contract is, or contains, a lease.

For a contract that contains a lease component and non-lease components, the Company allocates the consideration in the contract to each component on the basis of the relative stand-alone price and accounts for each component separately.

a. The Company as lessee

The Company recognizes right-of-use assets and lease liabilities for all leases at the commencement date of a lease, except for short-term leases and low-value asset leases accounted for applying a recognition exemption where lease payments are recognized as expenses on a straight-line basis over the lease terms.

Right-of-use assets are initially measured at cost, which comprises the initial measurement of lease liabilities adjusted for lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of costs needed to restore the underlying assets, and less any lease incentives received. Right-of-use assets are subsequently measured at cost less accumulated depreciation and impairment losses and adjusted for any remeasurement of the lease liabilities.

Right-of-use assets are presented on a separate line in the consolidated balance sheets. With respect to the recognition and measurement of right-of-use assets that meet the definition of investment properties, refer to the aforementioned accounting policies for investment properties.

Right-of-use assets are depreciated using the straight-line method from the commencement dates to the earlier of the end of the useful lives of the right-of-use assets or the end of the lease terms. If the lease transfers ownership of the underlying assets to the Company by the end of the lease terms or if the cost of right-of-use assets reflects that the Company will exercise a purchase option, the Company depreciates the right-of-use assets from the commencement dates to the end of the useful lives of the underlying assets.

Lease liabilities are initially measured at the present value of the lease payments, which comprise fixed payments, in-substance fixed payments. The lease payments are discounted using the interest rate implicit in a lease, if that rate can be readily determined. If that rate cannot be readily determined, the Company uses the lessee's incremental borrowing rate.

Subsequently, lease liabilities are measured at amortized cost using the effective interest method, with interest expense recognized over the lease terms. When there is a change in a lease term or a change in the amounts expected to be payable under a residual value guarantee, the Company remeasures the lease liabilities with a corresponding adjustment to the right-of-use-assets. However, if the carrying amount of the right-of-use assets is reduced to zero, any remaining amount of the remeasurement is recognized in profit or loss. Lease liabilities are presented on a separate line in the consolidated balance sheets.

b. The Company as lessor

Leases are classified as finance leases whenever the terms of a lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

Rental income from operating lease is recognized on a straight-line basis over the term of the relevant lease.

**Investment Properties**

Investment properties are properties held to earn rentals or for capital appreciation. Investment properties also include land held for a currently undetermined future use.

Investment properties are initially measured at cost. Subsequent to initial recognition, investment properties are measured at cost less accumulated depreciation and accumulated impairment loss.

Depreciation is recognized so as to write off the cost of the assets less their residual values over their useful lives, and it is computed using the straight-line method over the estimated useful lives.

On derecognition of an investment property, the difference between the net disposal proceeds and the carrying amount of the asset is included in profit or loss.

## **Goodwill**

Goodwill arising from the acquisition of a business is measured at cost as established at the date of acquisition of the business less accumulated impairment loss.

Goodwill is not amortized and instead is tested for impairment annually, or more frequently when there is an indication that the cash generating unit may be impaired. For the purpose of impairment testing, goodwill is allocated to each of the Company's cash-generating units or groups of cash-generating units that are expected to benefit from the synergies of the combination. If the recoverable amount of a cash-generating unit is less than its carrying amount, the difference is allocated first to reduce the carrying amount of any goodwill allocated to such cash generating unit and then to the other assets of the cash generating unit pro rata based on the carrying amount of each asset in the cash generating unit. Any impairment loss for goodwill is recognized directly in profit or loss. An impairment loss recognized for goodwill is not reversed in subsequent periods.

## **Intangible Assets**

### **(a) Intangible assets acquired separately**

Intangible assets with finite useful lives that are acquired separately are initially measured at cost and subsequently measured at cost less accumulated amortization and accumulated impairment loss. Amortization is recognized on a straight-line basis. The estimated useful life, residual value, and amortization method are reviewed at the end of each reporting period, with the effect of any changes in estimates accounted for on a prospective basis. Intangible assets with indefinite useful lives that are acquired separately are measured at cost less accumulated impairment loss.

### **(b) Internally-generated intangible assets-research and development expenditure**

Research costs are expensed as incurred. Development expenditures on an individual project are recognized as an intangible asset when the Company can demonstrate.

The cost of an internally generated intangible asset is the sum of expenditure incurred from the date when the intangible asset first meets the recognition criteria mentioned above.

The subsequent measurement of such intangible asset is stated at cost less any accumulated amortization and accumulated impairment losses.

### **(c) Derecognition of intangible assets**

Intangible assets are derecognized upon disposal or when no future economic benefits are expected to arise from the continued use of the assets. Gains or losses arising from derecognition of an intangible asset are recognized in profit or loss.

## **Impairment of Tangible and Intangible Assets**

At the end of each reporting period, the Company reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss. When it is not possible to estimate the recoverable amount of an individual asset, the Company estimates the recoverable amount of the cash-generating unit to which the asset belongs. When a reasonable and consistent basis of allocation can be identified, corporate assets are also allocated to individual cash-generating units, or otherwise they are allocated to the smallest group of cash-generating units for which a reasonable and consistent allocation basis can be identified.

Recoverable amount is the higher of fair value less costs to sell and value in use. If the recoverable amount of an asset or cash-generating unit is estimated to be less than its carrying amount, the carrying amount of the asset or cash-generating unit is reduced to its recoverable amount. An impairment loss is recognized immediately in profit or loss.

When an impairment loss subsequently reverses, the carrying amount of the asset or a cash-generating unit is increased to the revised estimate of its recoverable amount, but so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognized for the asset or cash-generating unit in prior years. A reversal of an impairment loss is recognized immediately in profit or loss.

### **Provision**

Provisions are recognized when the Company has a present obligation (legal or constructive) as a result of a past event, it is probable that the Company will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows.

### **Borrowing costs**

Borrowing costs directly attributable to the acquisition of qualifying assets are added to the cost of those assets, until such time as the assets are substantially ready for their intended use. Other than stated above, all other borrowing costs are recognized in profit or loss in the period in which they are incurred.

### **Retirement Benefits**

#### Short-term employee benefits

Liabilities recognized in respect of short-term employee benefits are measured at the undiscounted amount of the benefits expected to be paid in exchange for the related service.

#### Retirement benefits

Payments to defined contribution retirement benefit plans are recognized as an expense when employees have rendered service entitling them to the contributions.

Defined benefit costs (including service cost, net interest and rereasurement) under the defined benefit retirement benefit plans are determined using the projected unit credit method. Service cost (including current service cost and net interest on the net defined benefit liability (asset)) are recognized as employee benefits expense in the period they occur. Rereasurement, comprising actuarial gains and losses and the return on plan assets (excluding interest), is recognized in other comprehensive income in the period in which they occur. Rereasurement recognized in other comprehensive income is reflected immediately in retained earnings and will not be reclassified to profit or loss.

Net defined benefit liability (asset) represents the actual deficit (surplus) in the Company's defined benefit plan. Any surplus resulting from this calculation is limited to the present value of any refunds from the plans or reductions in future contributions to the plans.

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.

#### Other long-term employee benefits

Employees' and directors' remuneration are recognized as expenses and liabilities, provided that such recognition is required under legal obligation or constructive obligation and those amounts can be reliably estimated. Any difference between the resolved amounts and the subsequently actual distributed amounts is accounted for as changes in estimates.

#### Termination benefits

A liability for a termination benefit is recognized at the earlier of when the Company can no longer withdraw the offer of the termination benefit and when the Company recognizes any related restructuring costs.

## **Revenue Recognition**

The Company identifies the contract with the customers, allocates the transaction price to the performance obligations, and recognizes revenue when performance obligations are satisfied.

The Company transfer a promised good or service to a customer and the date the customer pays for that good or service is one year or less, the Company do not adjust the promised amount of consideration for any effect of a significant financing component.

### Sale of goods

The Company manufactures and sells merchandise. Sales are recognized when goods have been shipped and customers have obtained the control (the customer has the ability to direct the use of the goods and obtain substantially all of the remaining benefits from the goods). The main product of the Company are consumer integrated circuits (ICS) and revenue is recognized based on the consideration stated in the contract.

The Company does not recognize sale on transactions involving the delivery of materials to subcontractors since there is no transfer to subcontractors of the rights to these materials.

The Company guarantee that merchandise could work smoothly as expected and such transactions are recognized in accordance with IAS37.

The credit period of the Company's sale of goods is from 60 to 90 days. For most of the contracts, when the Company transfers the goods to customers and has a right to an amount of consideration that is unconditional, these contracts are recognized as trade receivables. The period between the Company transfers the goods to customers and when the customers pay for that goods is usually short and there is no significant financing component to the contract. However, for some contracts, part of the consideration was received from customers before transferring the goods, then the Company has the obligation to transfer the goods subsequently and it should be recognized as contract liabilities.

### Rendering of services

The Company provides IC design services. Revenues are recognized based on the stage of completion of the contracts.

The contractual considerations of the Company are received in accordance with the payment schedule set by the contracts. When the Company has performed the services to customers but does not has a right to an amount of consideration that is unconditional, these contacts should be presented as contract assets. Besides, in accordance with IFRS 9, the Company measures the loss allowance for a contract asset at an amount equal to the lifetime expected credit losses. However, for some rendering of services contracts, part of the consideration was received from customers upon signing the contract, then the Company has the obligation to provide the services subsequently and it should be recognized as contract liabilities.

The period between the transfers of contract liabilities to revenue is usually within one year, thus, no significant financing component is arisen.

## **Taxation**

Income tax expense represents the sum of the tax currently payable and deferred tax.

### Current tax

The current income tax expense is calculated on the basis of the tax laws enacted or substantively enacted at the end of the reporting period in the countries where the Company and its subsidiaries operate and generate taxable income.

Income tax on unappropriated earnings (excluding earnings from foreign consolidated subsidiaries) is expensed in the year of shareholder approval which is the year subsequent to the year the earnings are generated.

Adjustments of prior years' tax liabilities are added to or deducted from the current year's tax provision.

### Deferred tax

Deferred tax is recognized on temporary differences between the carrying amounts of assets and liabilities in the consolidated financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognized for all taxable temporary differences. Deferred tax assets are generally recognized for all deductible temporary differences, net operating loss carryforwards and tax credits for research and development expenses to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilized.

Deferred tax liabilities are recognized for taxable temporary differences associated with investments in subsidiaries and associates, and interests in joint ventures, except where the Company is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments are only recognized to the extent that it is probable that there will be sufficient taxable profits against which to utilize the benefits of the temporary differences and they are expected to reverse in the foreseeable future.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered. The deferred tax assets which originally not recognized is also reviewed at the end of each reporting period and increased to the extent that it is probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax liabilities and assets are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realized, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Company expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

### Current and deferred tax for the year

Current and deferred tax are recognized in profit or loss, except when they relate to items that are recognized in other comprehensive income or directly in equity, in which case, the current and deferred tax are also recognized in other comprehensive income or directly in equity, respectively.

## **5. Critical accounting judgments and key sources of estimation and uncertainty**

In the application of the Company'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 associated assumptions are based on historical experience and other factors that are considered relevant. Actual results may differ from these estimates.

The Company consider the economic implications of the COVID-19 when making its critical accounting estimates. 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 affect only that period, or in the period of the revision and future periods if the revisions affect both current and future periods.

The main sources of significant accounting judgments, estimates and assumptions are as follows:

### **Impairment of tangible and intangible assets other than goodwill**

The Company measures the useful life of individual assets and the probable future economic benefits in a specific asset group, which depends on subjective judgment, asset characteristics

and industry, during the impairment testing process. Any change in accounting estimates due to economic circumstances and business strategies might cause material impairment in the future.

**Allowance for inventory valuation and obsolescence losses**

Net realizable value of inventory is the estimated selling price in the ordinary course of business less the estimated costs of completion and disposal. The estimation of net realizable value was based on current market conditions and the historical experience with product sales of a similar nature. Changes in market conditions may have a significant effect on the estimation of net realizable value.

**Fair value measurements and valuation processes**

If some of the Company’s assets and liabilities measured at fair value have no quoted prices in active markets, the Company determine the appropriate valuation techniques for the fair value measurements and whether to engage third party qualified valuers based on managements’ judgement and related regulations.

Where Level 1 inputs are not available, the Company would determine appropriate inputs by referring to the analyses of the financial position and the operation results of the investees, recent transaction prices, prices of the same equity instruments not quoted in active markets, quoted prices of similar instruments in active markets, and valuation multiples of comparable entities. If the actual changes of inputs in the future differ from expectation, the fair value might vary accordingly. The Company updates inputs every quarter to confirm the appropriateness of the fair value measurement.

For information about the valuation techniques and inputs used in determining the fair value of various investments. Refer to Note 37.

**6.Cash and cash equivalents**

	<u>December 31,2023</u>	<u>December 31,2022</u>
Cash on hand	\$ 442	\$ 382
Checking and savings accounts	225,996	274,928
Time deposits	24,863	—
	<u>\$ 251,301</u>	<u>\$ 275,310</u>

As of December 31, 2023 and 2022, the pledged certificates of bank deposits have been reclassified to other financial assets. Refer to Note 33

**7.Financial assets at FVTPL**

a.The details of financial assets at FVTPL are as follows:

	<u>December 31,2023</u>	<u>December 31,2022</u>
<b><u>Financial assets at FVTPL - current</u></b>		
Mandatorily classified financial assets as at FVTPL		
Wealth management products	\$ 255,945	\$ 192,245
Mutual funds	50,857	—
Listed stocks	32,432	22,061
	<u>\$ 339,234</u>	<u>\$ 214,306</u>

**Financial assets at FVTPL – non- current**

Mandatorily classified financial assets as at FVTPL

Limited partnership	\$ 42,291	\$ 20,995
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b.The above financial assets at FVTPL were all not pledged.

## 8. Financial assets at FVTOCI

a. The details of financial assets at FVTOCI are as follows:

	<u>December 31,2023</u>	<u>December 31,2022</u>
<b><u>Financial assets at FVTOCI, non-current</u></b>		
Investment in equity instruments		
Foreign unlisted equity investment	\$ 44,756	\$ —
Non-publicly traded stocks	4,350	4,575
Listed stocks through private placement	2,175	3,626
	<u>\$ 51,281</u>	<u>\$ 8,201</u>

b. These investments in equity instruments are not held for trading; instead, they are held for medium to long-term strategic purposes. Accordingly, the management elected to designate these investments in equity instruments as at FVTOCI as they believe that recognizing short-term fluctuations in these investments' fair value in profit or loss would not be consistent with the Company's strategy of holding these investments for long-term purposes.

c. The above financial assets at FVTOCI were all not pledged.

## 9. Financial assets at amortized cost, current

a. The details of Financial assets at amortized cost, current are as follows:

	<u>December 31,2023</u>	<u>December 31,2022</u>
Time deposits with original maturity of more than 3 months	\$ —	\$ 76,681
Interest rate	—	1.75%~2.45%

b. The above financial assets at amortized cost, current were all not pledged.

## 10. Notes and accounts receivable, net and other receivable

	<u>December 31,2023</u>	<u>December 31,2022</u>
<b><u>Notes receivable</u></b>		
Notes receivable-operating activities	\$ 2,738	\$ 13,169
Notes receivable-non operating activities	—	—
Less: allowance for doubtful accounts	—	—
	<u>\$ 2,738</u>	<u>\$ 13,169</u>
<b><u>Accounts receivable</u></b>		
Accounts receivable	\$ 319,866	\$ 393,285
Less: allowance for doubtful accounts	(9,738)	(9,912)
	<u>\$ 310,128</u>	<u>\$ 383,373</u>
<b><u>Other receivables</u></b>		
Tax refund receivable	\$ 6,096	\$ 11,190
Less: allowance for doubtful accounts	—	—
	<u>\$ 6,096</u>	<u>\$ 11,190</u>

a. The Company applies the simplified approach to provisions for expected credit losses prescribed by IFRS 9, which permits the use of a lifetime expected credit losses provision for all trade receivables. The expected credit losses on receivables are estimated using a

provision matrix by reference to past default experience of the customers and an analysis of the customers' current financial positions, as well as the forward-looking indicators such as macroeconomic business indicator. The Company estimates expected credit losses based on the number of days for which receivables are past due. As the Company's historical credit losses experience does not show significantly different loss patterns for different customer segments, the provision for losses based on past due status is not further distinguished according to the Company's different customer base.

b. The following table details the loss allowance of accounts receivable and other receivables.

	December 31, 2023					Total
	Not Past Due	1 to 60 Days	61 to 90 Days	91 to 180 Days	Over 180 Days	
Gross carrying amount	\$ 316,224	\$ —	\$ —	\$ —	\$ 9,738	\$ 325,962
Estimates expected credit loss rate	0%	0%	0%	0%	100%	
Loss allowance (Lifetime ECL)	—	—	—	—	(9,738)	(9,738)
Amortized cost	<u>\$ 316,224</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 316,224</u>
	December 31, 2022					Total
	Not Past Due	1 to 60 Days	61 to 90 Days	91 to 180 Days	Over 180 Days	
Gross carrying amount	\$ 394,563	\$ —	\$ —	\$ —	\$ 9,912	\$ 404,475
Estimates expected credit loss rate	0%	0%	0%	0%	100%	
Loss allowance (Lifetime ECL)	—	—	—	—	(9,912)	(9,912)
Amortized cost	<u>\$ 394,563</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 394,563</u>

The movements of the allowance for doubtful accounts and other receivables

	December 31, 2023	December 31, 2022
Balance, beginning of year	\$ 9,912	\$ 9,808
Add: Provision	—	32
Effect of exchange rate changes	(174)	72
Balance, end of year	<u>\$ 9,738</u>	<u>\$ 9,912</u>

c. The above notes and accounts receivable, net and other receivables were all not pledged.

**11. Inventories, net**

	December 31, 2023	December 31, 2022
Merchandises	\$ 13,111	\$ 12,274
Finished goods	107,299	224,607
Work in progress	268,037	374,856
Raw materials	138,579	107,904
	<u>\$ 527,026</u>	<u>\$ 719,641</u>

a. The cost of goods sold of the Company consisted of the following:

	2023	2022
Selling cost of inventories	\$ 1,082,934	\$ 1,230,301
Loss on decline in value of inventory	16,376	24,617
Others	(200)	(363)
	<u>\$ 1,099,110</u>	<u>\$ 1,254,555</u>

b. The above inventories, net were all not pledged.

## 12. Investments accounted for under the equity method

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Investments in associates	\$ <u>61,972</u>	\$ <u>6,645</u>

Associates consisted of the following:

<u>Name of Associate</u>	<u>December 31, 2023</u>		<u>December 31, 2022</u>	
	<u>Carrying value</u>	<u>%</u>	<u>Carrying value</u>	<u>%</u>
Foresight Energy Technology Co., Ltd.	\$ 59,073	8.80%	\$ —	15.84%
Morelink Technology Corporation	2,899	7.87%	6,645	7.93%
Microlink Communications Inc.	—	25.00%	—	25.00%
	<u>\$ 61,972</u>		<u>\$ 6,645</u>	

a. As of December 31, 2023, the Company's equity in Foresight Energy Technology Co., Ltd. and Morelink Technology Corporation were 8.80% and 7.87%, respectively. The Company held less than 20% of Foresight Energy Technology Co., Ltd. and Morelink Technology Corporation's stock with voting rights, but has significant influence over this investee and accounted for the investment by equity method.

b. As of December 31, 2012, the stockholders' equity of Microlink Communications Inc. had become negative, and the Company didn't intend to continue its support for the investee company. The Company recognized investment loss that make the carrying amount of long-term investment equal to zero.

Unrecognized investment loss of Microlink Communications Inc. was summarized as follows:

	<u>2023</u>	<u>2022</u>
Unrecognized investment loss:		
Current year amount	\$ <u>184</u>	\$ <u>4,421</u>
Accumulatd amount	\$ <u>26,128</u>	\$ <u>28,940</u>

c. Financial information of the Company's associates was summarized as follows:

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Total assets	\$ <u>935,090</u>	\$ <u>262,209</u>
Total liabilities	\$ <u>331,651</u>	\$ <u>303,418</u>
	<u>2023</u>	<u>2022</u>
Net revenue	\$ <u>190,489</u>	\$ <u>140,374</u>
Net loss	\$ <u>(92,667)</u>	\$ <u>(78,781)</u>
The Company's share of other comprehensive income of associates	\$ <u>(484)</u>	\$ <u>—</u>

d. The investment gain (loss) for the years ended December 31, 2023 and 2022 were based on the investees' financial statements audited by the auditors for the same years.

e. All the investments accounted for under equity method were not pledged.

### 13. Property, plant and equipment

	Land	Buildings	Machinery and equipment	Transportation equipment	Furniture	Other equipment	Subtotal
Cost :							
January 1,2023	\$ 133,228	\$ 366,139	\$ 1,891	\$ 11,828	\$ 13,070	\$ 97,942	\$ 624,098
Addition	—	11,087	—	—	1,546	28,701	41,334
Disposals	—	—	(311)	(1,023)	(678)	(47,942)	(49,954)
Exchange effect	—	(42)	—	(93)	(71)	237	31
December 31,2023	<u>\$ 133,228</u>	<u>\$ 377,184</u>	<u>\$ 1,580</u>	<u>\$ 10,712</u>	<u>\$ 13,867</u>	<u>\$ 78,938</u>	<u>\$ 615,509</u>
January 1,2022	\$ 133,228	\$ 340,666	\$ 2,181	\$ 12,088	\$ 10,608	\$ 83,201	\$ 581,972
Addition	—	—	—	—	2,316	27,193	29,509
Disposals	—	—	(290)	(556)	(549)	(18,706)	(20,101)
Exchange effect	—	25,473	—	296	695	6,254	32,718
December 31,2022	<u>\$ 133,228</u>	<u>\$ 366,139</u>	<u>\$ 1,891</u>	<u>\$ 11,828</u>	<u>\$ 13,070</u>	<u>\$ 97,942</u>	<u>\$ 624,098</u>
Accumulated depreciation :							
January 1,2023	\$ 6,201	\$ 104,241	\$ 1,371	\$ 9,515	\$ 8,465	\$ 64,793	\$ 194,586
Depreciation	—	11,625	329	1,183	1,732	33,044	47,913
Disposals	—	—	(311)	(1,023)	(678)	(47,942)	(49,954)
Exchange effect	—	(119)	—	(135)	(69)	118	(205)
December 31,2023	<u>\$ 6,201</u>	<u>\$ 115,747</u>	<u>\$ 1,389</u>	<u>\$ 9,540</u>	<u>\$ 9,450</u>	<u>\$ 50,013</u>	<u>\$ 192,340</u>
January 1,2022	\$ 6,201	\$ 89,383	\$ 1,161	\$ 8,560	\$ 7,405	\$ 50,374	\$ 163,084
Depreciation	—	10,540	500	1,248	1,118	28,995	42,401
Disposals	—	—	(290)	(556)	(549)	(18,706)	(20,101)
Exchange effect	—	4,318	—	263	491	4,130	9,202
December 31,2022	<u>\$ 6,201</u>	<u>\$ 104,241</u>	<u>\$ 1,371</u>	<u>\$ 9,515</u>	<u>\$ 8,465</u>	<u>\$ 64,793</u>	<u>\$ 194,586</u>

a. Depreciation is computed by the average method over these estimated service lives plus one year to reflect estimated salvage value :

Buildings	10~55 years
Machinery and equipment	3 years
Transportation equipment	4~5 years
Furniture	2~5 years
Other equipment	1~5 years

b. All the property, plant and equipment were pledged. Refer to Notes 18, 20 and 33.

### 14. Lease arrangements

#### a. Right-of-use assets

	December 31,2023		December 31,2022	
<u>Carrying amounts</u>				
Land	\$	4,046	\$	8,361
Buildings		—		—
	<u>\$</u>	<u>4,046</u>	<u>\$</u>	<u>8,361</u>
	<u>Land</u>	<u>Buildings</u>		<u>Subtotal</u>
Cost :				
January 1, 2023	\$	9,159	\$	—
Addition		—		—
Disposals and reclassification		(4,638)		—
Exchange effect		—		—
December 31, 2023	<u>\$</u>	<u>4,521</u>	<u>\$</u>	<u>—</u>
January 1, 2022	\$	8,255	\$	5,713
Addition		—		—
Disposals and reclassification		—		(5,713)
Exchange effect		904		—
December 31, 2022	<u>\$</u>	<u>9,159</u>	<u>\$</u>	<u>—</u>

	<u>Land</u>	<u>Buildings</u>	<u>Subtotal</u>
Accumulated depreciation :			
January 1, 2023	\$ 798	\$ —	\$ 798
Depreciation	98	—	98
Disposals and reclassification	(421)	—	(421)
Exchange effect	—	—	—
December 31, 2023	<u>\$ 475</u>	<u>\$ —</u>	<u>\$ 475</u>
January 1, 2022	\$ 543	\$ 4,285	\$ 4,828
Addition	191	1,428	1,619
Disposals and reclassification	—	(5,713)	(5,713)
Exchange effect	64	—	64
December 31, 2022	<u>\$ 798</u>	<u>\$ —</u>	<u>\$ 798</u>

**b. Material lease-in activities and terms**

The Company leases certain leasehold land and buildings for the use of office with lease terms of 3 years to 47 years. The Company does not have bargain purchase options to acquire the leasehold land and buildings at the end of the lease terms.

**c. Subleases**

The Company subleased part of its right-of-use assets for land in Chengdu, China under operating leases. Right-of-use assets that meet the definition of investment properties are reclassified to investment properties. Refer to Note 15 for further information on investment properties.

**d. Other lease information**

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Expenses relating to low-value asset leases	\$ 3,426	\$ 4,615
Total cash outflow for leases	<u>\$ (3,426)</u>	<u>\$ (6,065)</u>

The Company applies the recognition exemption to leases of equipment and others qualifying as short-term leases and low-value asset leases and does not recognize right-of-use assets and lease liabilities for these leases.

**15. Investment Property**

	<u>Buildings</u>	<u>Right-of-use assets</u>	<u>Subtotal</u>
Cost :			
January 1, 2023	\$ 290,448	\$ 6,074	\$ 296,522
Additional	—	—	—
Disposals and reclassification	—	4,638	4,638
Exchange effect	(48)	(3)	(51)
December 31, 2023	<u>\$ 290,448</u>	<u>\$ 10,709</u>	<u>\$ 301,157</u>
January 1, 2022	\$ 261,745	\$ 5,473	\$ 267,218
Additional	—	—	—
Disposals and reclassification	—	—	—
Exchange effect	28,703	601	29,304
December 31, 2022	<u>\$ 290,448</u>	<u>\$ 6,074</u>	<u>\$ 296,522</u>

	<u>Buildings</u>	<u>Right-of-use assets</u>	<u>Subtotal</u>
Accumulated amortization and impairment :			
January 1, 2023	\$ 25,017	\$ 465	\$ 25,482
Depreciation	5,627	233	5,860
Disposals and reclassification	—	421	421
Exchange effect	(81)	(5)	(86)
December 31,2023	<u>\$ 30,563</u>	<u>\$ 1,114</u>	<u>\$ 31,677</u>
January 1, 2022	\$ 17,528	\$ 315	\$ 17,843
Depreciation	5,418	112	5,530
Disposals and reclassification	—	—	—
Exchange effect	2,071	38	2,109
December 31,2022	<u>\$ 25,017</u>	<u>\$ 465</u>	<u>\$ 25,482</u>

a.The Company's R&D building construction in Chengdu, China had been completed and transferred the cost of building to PP&E and investment properties according to estimated purpose, respectively. Because the market for comparable properties is inactive and alternative reliable measurements of fair value were not available; therefore, the Company determined that the fair value of the investment property is not reliably measurable.

b.Rental income from investment property and direct operating expenses arising from investment property are shown below:

	<u>2023</u>	<u>2022</u>
Rental income from investment property	<u>\$ 12,200</u>	<u>\$ 11,738</u>
Direct operating expenses arising from the investment property that generated rental income during the period	<u>\$ 4,120</u>	<u>\$ 2,160</u>
Direct operating expenses arising from the investment property that did not generate rental income during the period	<u>\$ 1,740</u>	<u>\$ 3,258</u>

c.The investment property was depreciated on a straight-line basis over its estimated lives as follows :

Buildings	47 years
Right-of-use assets	47 years

d.All the investment Property were pledged. Refer to Notes 18 and 33.

## 16. Intangible Assets

	<u>Goodwill</u>	<u>Patents</u>	<u>Subtotal</u>
Cost :			
January 1, 2023	\$ 3,896	\$ 1,611	\$ 5,507
Additional	—	17	17
Disposals and Reclassification	—	—	—
Exchange effect	(74)	(30)	(104)
December 31,2023	<u>\$ 3,822</u>	<u>\$ 1,598</u>	<u>\$ 5,420</u>
January 1, 2022	\$ 3,860	\$ 1,570	\$ 5,430
Additional	—	22	22
Disposals and Reclassification	—	—	—
Exchange effect	36	19	55
December 31,2022	<u>\$ 3,896</u>	<u>\$ 1,611</u>	<u>\$ 5,507</u>

	<u>Goodwill</u>	<u>Patents</u>	<u>Subtotal</u>
Accumulated amortization and impairment :			
January 1, 2023	\$ —	\$ 1,457	\$ 1,457
Amortization expenses	—	52	52
Disposals and Reclassification	—	—	—
Exchange effect	—	(28)	(28)
December 31,2023	<u>\$ —</u>	<u>\$ 1,481</u>	<u>\$ 1,481</u>
January 1, 2022	\$ —	\$ 1,307	\$ 1,307
Amortization expenses	—	135	135
Disposals and Reclassification	—	—	—
Exchange effect	—	15	15
December 31,2022	<u>\$ —</u>	<u>\$ 1,457</u>	<u>\$ 1,457</u>

a.Intangible assets were amortized on a straight-line basis over their estimated useful lives as follows:

Patents 5~10 years

b.The Company's goodwill has been tested for impairment at the end of the annual reporting period and the recoverable amount is determined based on the value in use. The value in use was the recoverable amount calculated based on the cash flow forecast from financial budgets and adequate discount rates. The Company determine whether the goodwill had suffered an impairment loss based on the procedures mentioned aboved and a cash-generating unit to which goodwill has been allocated should be tested for impairment annually.

### **17.Other noncurrent assets**

	<u>December 31,2023</u>	<u>December 31,2022</u>
Capacity guarantee	\$ 169,470	\$ 246,665
Balance prepaid-machinery and equipment	23,195	28,857
Rental deposit	452	708
Others	1,443	1,443
	<u>\$ 194,560</u>	<u>\$ 277,673</u>

In order to ensure steady capacity, the Company entered into some capacity reservation contracts with suppliers and paid for the purchases over the long-term prepayments in order to ensure fulfillment to the contract. The long-term prepayment will be refunded when terms and conditions set forth in the contract have been satisfied.

### **18.Short-term loans**(December 31, 2022 : none.)

	<u>December 31,2023</u>
Secured loans	
Bank loans	<u>\$ 34,407</u>

a.The interest rates of revolving borrowings from banks for the year ended December 31, 2023 was 3.65%.

b.The details of assets pledged as collateral for short-term loans are set in Notes 15 and 33.

c.Unused credit line as of December 31, 2023 and 2022, were amounted to NT\$214,620 thousand and NT\$120,000 thousand, respectively.

## 19. Other payables

	<u>December 31,2023</u>	<u>December 31,2022</u>
Salaries and wages payable	\$ 63,703	\$ 62,006
Employees' compensation and remuneration of directors payable	11,407	33,659
Service payable	3,320	3,451
Interest payable	38	1,800
Others	13,932	15,016
	<u>\$ 92,400</u>	<u>\$ 115,932</u>

## 20. Long-term loans

	<u>December 31,2023</u>	<u>December 31,2022</u>
Secured loans	\$ —	\$ 91,980
Less : Current portion	—	—
	<u>\$ —</u>	<u>\$ 91,980</u>
Interest rate	<u>5.83%~6.83%</u>	<u>1.44%~5.77%</u>
Expiration Year	<u>—</u>	<u>2024</u>

a. Unused credit line as of December 31 2023 and 2022 were amounted to NT\$0 thousand and NT\$91,980 thousand, respectively.

b. The details of assets pledged as collateral for long-term loans are set in Notes 13 and 33.

## 21. Retirement benefit plans

### a. Defined contribution plans

The pension mechanism under the Labor Pension Act (the "Act") is deemed a defined contribution plan. Pursuant to the Act, PTC, Princeton Capital Corp., and CORTEX CORP. have made monthly contributions equal to 6% of each employee's monthly salary to employees' pension accounts. Furthermore, Princeton Technology (Shenzhen) Ltd. and Princeton Technology (Chengdu) Corp. are required by local regulations to make monthly contributions at certain percentages of the basic salary of their employees. Pursuant to the aforementioned Act and local regulations, the Company recognized expenses of NT\$28,749 thousand and NT\$27,540 thousand in the consolidated statements of comprehensive income for the years ended December 31, 2023 and 2022, respectively. The net pension cost under the Labor Pension Act amounted to NT\$1,788 thousand and NT\$1,765 thousand were not paid as of December 31, 2023 and 2022, respectively.

### b. Defined benefit plans

PTC have defined benefit plans under the Labor Standards Law that provide benefits based on an employee's length of service and average monthly salary for the six-month period prior to retirement. The aforementioned companies contribute an amount equal to 2% of salaries paid each month to their respective pension funds (the Funds), which are administered by the Labor Pension Fund Supervisory Committee (the Committee) and deposited in the Committee's name in the Bank of Taiwan. Before the end of each year, the Company assesses the balance in the Funds. If the amount of the balance in the Funds is inadequate to pay retirement benefits for employees who conform to retirement requirements in the next year, the Company is required to fund the difference in one appropriation that should be made before the end of March of the next year. The Funds are operated and managed by the government's designated authorities; as such, the Company does not have any right to intervene in the investments of the Funds.

The amounts arising from the defined benefit obligation of the Company in the consolidated balance sheets were as follows:

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Present value of defined benefit obligation	\$ 72,329	\$ 72,267
Fair value of plan assets	<u>(60,063)</u>	<u>(56,711)</u>
Net defined benefit liability	<u>\$ 12,266</u>	<u>\$ 15,556</u>

Movements in the present value of the defined benefit obligation were as follows:

	<u>2023</u>		
	<u>Present value of defined benefit obligation</u>	<u>Fair value of plan assets</u>	<u>Net defined benefit liability</u>
January 1, 2023	\$ 72,267	\$ (56,711)	\$ 15,556
Service cost			
Current service cost	94	—	94
Interest expense (income)	<u>881</u>	<u>(700)</u>	<u>181</u>
Recognized in profit or loss	<u>975</u>	<u>(700)</u>	<u>275</u>
Remeasurement			
Return on plan assets	—	(509)	(509)
Actuarial (gain) loss			
Changes in demographic assumptions	1	—	1
Changes in financial assumptions	269	—	269
Experience adjustments	<u>(1,183)</u>	<u>—</u>	<u>(1,183)</u>
Recognized in other comprehensive income	<u>(913)</u>	<u>(509)</u>	<u>(1,422)</u>
Contributions by plan participants	<u>—</u>	<u>(2,143)</u>	<u>(2,143)</u>
December 31, 2023	<u>\$ 72,329</u>	<u>\$ (60,063)</u>	<u>\$ 12,266</u>
	<u>2022</u>		
	<u>Present value of defined benefit obligation</u>	<u>Fair value of plan assets</u>	<u>Net defined benefit liability</u>
January 1, 2022	\$ 74,078	\$ (50,377)	\$ 23,701
Service cost			
Current service cost	156	—	156
Interest expense (income)	<u>500</u>	<u>(342)</u>	<u>158</u>
Recognized in profit or loss	<u>656</u>	<u>(342)</u>	<u>314</u>
Remeasurement			
Return on plan assets	—	(3,854)	(3,854)
Actuarial (gain) loss			
Changes in demographic assumptions	(8)	—	(8)
Changes in financial assumptions	(3,343)	—	(3,343)
Experience adjustments	<u>884</u>	<u>—</u>	<u>884</u>
Recognized in other comprehensive income	<u>(2,467)</u>	<u>(3,854)</u>	<u>(6,321)</u>
Contributions by plan participants	<u>—</u>	<u>(2,138)</u>	<u>(2,138)</u>
December 31, 2022	<u>\$ 72,267</u>	<u>\$ (56,711)</u>	<u>\$ 15,556</u>

The pension costs of the aforementioned defined benefit plans were recognized in profit or loss by the following categories:

	<u>2023</u>	<u>2022</u>
Cost of goods sold	\$ 11	\$ 13
Marketing expenses	23	26
General and administrative expenses	96	110
Research and development expenses	<u>145</u>	<u>165</u>
	<u>\$ 275</u>	<u>\$ 314</u>

Through the defined benefit plans under the Labor Standards Law, the Company is exposed to the following risks:

- (a) Investment risk: The pension funds are invested in equity and debt securities, bank deposits, etc. The investment is conducted at the discretion of the government's designated authorities or under the mandated management. However, under the Labor Standards Law, the rate of return on assets shall not be less than the average interest rate on a two-year time deposit published by the local banks.
- (b) Interest risk: A decrease in the government bond interest rate will increase the present value of the defined benefit obligation; however, this will be partially offset by an increase in the return on the debt investments of the plan assets.
- (c) Salary risk: The present value of the defined benefit obligation is calculated by reference to the future salaries of plan participants. As such, an increase in the salary of the plan participants will increase the present value of the defined benefit obligation.

The actuarial valuations of the present value of the defined benefit obligation were carried out by qualified actuaries. The principal assumptions of the actuarial valuation were as follows:

	<u>Measurement Date</u>	
	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Discount rate	<u>1.20%</u>	<u>1.25%</u>
Future salary increase rate	<u>2.00%</u>	<u>2.00%</u>
The weighted average duration of the defined benefit obligation	<u>7 years.</u>	<u>8 years.</u>

If possible reasonable change in each of the significant actuarial assumptions will occur and all other assumptions will remain constant, the present value of the defined benefit obligation would increase (decrease) as follows:

	<u>Measurement Date</u>	
	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Discount rate		
0.25% increase	<u>\$ (1,332)</u>	<u>\$ (1,446)</u>
0.25% decrease	<u>\$ 1,371</u>	<u>\$ 1,491</u>
Expected rate(s) of salary increase		
0.25% increase	<u>\$ 1,356</u>	<u>\$ 1,476</u>
0.25% decrease	<u>\$ (1,325)</u>	<u>\$ (1,439)</u>

The sensitivity analysis presented above may not be representative of the actual change in the defined benefit obligation as it is unlikely that the change in assumptions would occur in isolation of one another as some of the assumptions may be correlated.

Furthermore, in presenting the above sensitivity analysis, the present value of the defined benefit obligation has been calculated using the projected unit credit method at the end of the reporting period, which is the same as that applied in calculating the defined benefit obligation liability recognized in the consolidated balance sheets.

The Company expects to make contributions of NT\$2,095 thousand to the defined benefit plans in the next year starting from December 31, 2023.

## **22. Guarantee deposits**

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Capacity guarantee	\$ 30,447	\$ 106,891
Others	4,864	3,144
	<u>\$ 35,311</u>	<u>\$ 110,035</u>

Capacity guarantee deposit mainly consisted of cash received under deposit agreements with customers to ensure they have access to the Company's specified capacity. Guarantee deposits will be refunded to customers when terms and conditions set forth in the deposit agreements have been satisfied.

## **23. Equity**

### **a. Capital**

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Authorized shares (thousand shares)	230,000	230,000
Authorized	<u>\$ 2,300,000</u>	<u>\$ 2,300,000</u>
Issued and paid capital shares (thousand shares)	180,943.7	180,943.7
Issued	<u>\$ 1,809,437</u>	<u>\$ 1,809,437</u>

As of December 31, 2023 and 2022, the authorized capital shares are 230,000 thousand shares, with par value of \$10 per share entitled the right to vote and to receive dividends.

### **b. Capital surplus**

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
<u>May be used to offset a deficit, distributed as cash dividends, or transferred to share capital (a)</u>		
Premiums	\$ 1,102	\$ 1,102
<u>May be used to offset a deficit only (b)</u>		
Recognize changes in subsidiaries' ownership	39	39
Share of changes in equities of associates and joint venture	68,190	15,411
<u>May not be used for any purpose</u>		
Employee stock options	4,592	4,592
	<u>\$ 73,923</u>	<u>\$ 21,144</u>

(a) 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 paid-in capital and once a year).

(b) Such capital surplus arises from the effect of changes in ownership interest in a subsidiary resulted from equity transactions other than actual disposal or acquisition, or from changes in capital surplus of subsidiaries accounted for by using equity method.

### **c. Retained earnings and dividend policy**

According to the retained earnings distribution policy in the Incorporation of the Company, if the Company has earning upon settlement for a fiscal year, after taxes are paid by law and accumulated deficits are set off, ten percent shall be appropriated as legal earning reserves; however, if the amount of the legal earning reserves has attained the amount of paid-in

capital of the Company, no further appropriation shall be made. The remainder shall be appropriated or reversed as special earning reserves. If there still has balance, considering together with accumulated undistributed earnings, the Board of Directors shall prepare the proposal for earning distribution, which shall be submitted to the stockholders' meeting for a resolution of distribution of dividends and bonuses to stockholders.

According the amended Article of Incorporation of the Company, the dividend policy of the Company is to deliberately distribute dividends, in the light of present and future development plan, taking into consideration the investment environments, fund demands, and domestic competition status, as well as factors of interests of stockholders; provided. However, the amount of proposed earning distribution of current year may not be less than 50% of accumulated distributable earnings. In distributing dividends and bonuses to stockholders, the distribution may be made by stocks or cash, of which cash dividends may not be less than 50% of total amount of dividends.

The Company no longer has supervisors since June 13, 2008. The required duties of supervisors are being fulfilled by the Audit Committee.

The appropriation for legal capital reserve shall be made until the reserve equals the Company's paid-in capital. The reserve may be used to offset a deficit, or be distributed as dividends in cash or stocks for the portion in excess of 25% of the paid-in capital if the Company incurs no loss.

Pursuant to existing regulations, the Company is required to set aside additional special capital reserve equivalent to the net debit balance of the other components of stockholders' equity, such as the accumulated balance of foreign currency translation reserve, unrealized valuation gain/loss from available-for-sale financial assets, gain/loss from changes in fair value of hedging instruments in cash flow hedges, etc. For the subsequent decrease in the deduction amount to stockholders' equity, any special reserve appropriated may be reversed to the extent that the net debit balance reverses.

The appropriations of earnings for 2023 had been proposed by the Board of Directors on February 29, 2024. The Company's appropriation of earnings for 2022 was approved in the shareholders' meeting held on June 16, 2023. The appropriations and cash dividends per share were as follows:

	Appropriation of Earnings		Dividends Per Share (NT\$)	
	2023	2022	2023	2022
Legal reserve	\$ 6,016	\$ 17,295		
Special reserve	8,698	37,193		
Cash dividend to shareholders	45,236	117,613	\$ 0.25	\$ 0.65
	<u>\$ 59,950</u>	<u>\$ 172,101</u>		

The appropriations of earnings for 2023 are to be resolved in the Company's shareholders' meeting to be held on June 18, 2024 (expected).

Information about the bonus to employees and remuneration to directors is available on the Market Observation Post System Website of the Taiwan Stock Exchange.

#### d. Others

##### (a) Foreign Currency Translation Reserve

	2023	2022
Balance, beginning of year	\$ (118)	\$ (52,925)
Foreign currency translation reserve	(11,202)	63,408
Share of other comprehensive loss of subsidiaries and associates	(42)	—
Income tax effect	2,240	(10,601)
Balance, end of year	<u>\$ (9,122)</u>	<u>\$ (118)</u>

The exchange differences arising from the translation of foreign operation's net assets from its functional currency to PTC's presentation currency are recognized directly in other comprehensive income and also accumulated in the foreign currency translation reserve. When those foreign operation's net assets have been disposed of or are determined to be impaired subsequently, the related cumulative gains or losses in other comprehensive income are reclassified to profit or loss.

(b) Changes in Unrealized gain (loss) on financial assets at FVTOCI

	2023	2022
Balance, beginning of year	\$ (37,075)	\$ (35,860)
Changes in unrealized gain (loss) on financial assets at FVTOCI	306	(1,215)
Balance, end of year	<u>\$ (36,769)</u>	<u>\$ (37,075)</u>

Investments in equity instruments at FVTOCI are subsequently measured at fair value with gains and losses arising from changes in fair value recognized in other comprehensive income and accumulated in other equity. The cumulative gain or loss will not be reclassified to profit or loss on disposal of the equity investments, instead, they will be transferred to retained earnings.

e. Noncontrolling interests

	2023	2022
Balance, beginning of year	\$ 167,266	\$ 150,466
Share of noncontrolling interests:		
Net income	427	291
Other comprehensive income	(33)	16,509
Balance, end of year	<u>\$ 167,660</u>	<u>\$ 167,266</u>

**24. Revenue**

	2023	2022
Revenue from contracts with customers		
Net revenue from sale of goods	\$ 1,648,431	\$ 1,938,854
Net revenue from rendering of services	11,204	10,001
Balance, end of year	<u>\$ 1,659,635</u>	<u>\$ 1,948,855</u>

Relevant information of revenue from contracts with customers for the years ended December 31, 2023 and 2022 is as follows:

a. Disaggregation of revenue

The revenue of the Company could be breakdown by major products and geographical locations, the related information was refer to Note 41. The disaggregation of revenue recognition point is as follows:

	2023	2022
Revenue recognition point:		
At a point in time	\$ 1,648,431	\$ 1,938,854
Satisfies the performance obligation over time	11,204	10,001
	<u>\$ 1,659,635</u>	<u>\$ 1,948,855</u>

b. Contract balances

	2023	2022
Contract liabilities - current		
Sales of goods	<u>\$ 7,678</u>	<u>\$ 17,581</u>

The changes in the contract liability balances primarily result from the timing difference between the satisfaction of performance obligation and the customer's payment.

The Company recognized revenue from the beginning balance of contract liability, which amounted to NT\$17,293 thousand and NT\$5,160 thousand for the years ended December 31, 2023 and 2022, respectively.

c. Transaction price allocated to unsatisfied performance obligations

As of December 31, 2023 and 2022, there is no need to provide relevant information of the unsatisfied performance obligations as the contracts with customers about the sales of goods are all lower than one year.

d. Assets recognized from costs to fulfil a contact: None.

**25. Additional information of expenses by nature**

As of December 31, 2023 and 2022, the Company's employees numbered 323 and 314, respectively. There were 7 and 6 non-employee directors.

The Company's net income includes the following items:

	2023			2022		
	As cost of goods sold	As operating expenses	Total	As cost of goods sold	As operating expenses	Total
Employment expenses						
Salaries	\$ 4,534	\$ 282,042	\$ 286,576	\$ 6,442	\$ 305,162	\$ 311,604
Insurance	685	16,362	17,047	649	15,595	16,244
Pension						
Defined contribution plans	271	28,478	28,749	286	27,254	27,540
Defined benefit plans	11	264	275	13	301	314
Remuneration of directors	—	1,297	1,297	—	3,580	3,580
Others	364	9,220	9,584	384	9,717	10,101
	<u>\$ 5,865</u>	<u>\$ 337,663</u>	<u>\$ 343,528</u>	<u>\$ 7,774</u>	<u>\$ 361,609</u>	<u>\$ 369,383</u>
Depreciation expenses	<u>\$ 830</u>	<u>\$ 53,041</u>	<u>\$ 53,871</u>	<u>\$ 836</u>	<u>\$ 48,714</u>	<u>\$ 49,550</u>
Amortization expenses	<u>\$ —</u>	<u>\$ 52</u>	<u>\$ 52</u>	<u>\$ —</u>	<u>\$ 135</u>	<u>\$ 135</u>

In accordance with to the R.O.C. Company Act and the articles of incorporation of the Company, the Company shall allocate 5%~20% of profit as employees' profit sharing bonus and no more 1.5% of profit as directors' compensation for each profitable fiscal year. However, the Company's accumulated losses shall be reserved. The employees' profit sharing bonus under the preceding paragraph will be entitled to receive shares or cash. The employees of the PTC's subsidiaries who fulfill specific requirements finalized by the Board of Directors may be granted such bonus. The appropriations of profit sharing bonus to employees and compensation to directors shall be submitted to the stockholders' meeting.

The Company's profit sharing bonus to employees and compensation to directors for 2023 and 2022 were accrued at NT\$ 11,407 thousand and NT\$ 33,659 thousand, respectively.

The amount of remuneration distribution to employees and directors approved by the Company's board of directors on March 1, 2023 was different from the amount recognized in the annual consolidated financial report, and the difference had been adjusted to the profit and loss for 2023.

The differences of the amounts between the resolved and accrual amounts of the profit sharing bonus to employees and the compensation to directors resulted from changing the base of the estimate and had been adjusted in profit and loss for the next year.

Information about the profit sharing bonus to employees and compensation to directors is available on the Market Observation Post System Website of the Taiwan Stock Exchange.

**26. Other income**

	2023	2022
Interest income		
Bank deposits	\$ 3,403	\$ 3,334
Others	1	5
	<u>\$ 3,404</u>	<u>\$ 3,339</u>

**27. Other gains and losses**

	<u>2023</u>	<u>2022</u>
Other gains:		
Net gain on financial instruments at FVTPL	\$ 18,431	\$ —
Gain on disposal of property, plant and equipment, net	118	43
Rent Income	12,200	12,515
Net exchange gain	56	17,044
Others	38,330	14,675
	<u>69,135</u>	<u>44,277</u>
Other losses:		
Net loss on financial instruments at FVTPL	—	(9,404)
Others	(589)	(257)
	<u>(589)</u>	<u>(9,661)</u>
	<u>\$ 68,546</u>	<u>\$ 34,616</u>

**28. Finance costs**

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Interest Expense:		
Bank deposits	\$ 2,222	\$ 2,843
Lease liabilities	—	9
	<u>\$ 2,222</u>	<u>\$ 2,852</u>

**29. Income tax****a. Income tax benefit consisted of the following****(a) Income tax benefit recognized in profit or loss:**

	<u>2023</u>	<u>2022</u>
Current income tax expense		
Current tax expense recognized for the current period	\$ 42	\$ 823
Income tax adjustments on prior years	(217)	(1,425)
	<u>(175)</u>	<u>(602)</u>
Deferred income tax expense		
Temporary differences	(2,069)	(1,067)
	<u>(2,069)</u>	<u>(1,067)</u>
Income tax benefit recorded in profit or loss	<u>\$ (2,244)</u>	<u>\$ (1,669)</u>

**(b) Income tax (benefit) expense recognized in other comprehensive income:**

	<u>2023</u>	<u>2022</u>
Deferred income tax expense		
Foreign currency translation reserve	\$ (2,240)	\$ 10,601
Remeasurement of defined benefit plan	284	1,264
	<u>\$ (1,956)</u>	<u>\$ 11,865</u>

b. The differences between the expected income tax based on the pre-tax income at the statutory income tax rate and the actual income tax benefit reported in the accompanying statements of income are summarized as follows:

	2023	2022
Expected income tax expenses calculated using the statutory tax date	\$ 2,102	\$ 37,269
Additional income tax on the unappropriated earnings	42	—
Tax adjustments of previous year	(217)	(1,425)
Permanent differences	(2,523)	(1,237)
Research and development tax credits	—	(4,295)
Tax loss carry forward	(8,953)	(25,970)
Loss (Gain) recognized by equity method	6,315	(2,889)
Loss (Gain) on decline in value of inventory	990	(3,117)
Loss on allowance for doubtful accounts	—	(5)
Income tax benefit recorded in profit or loss	<u>\$ (2,244)</u>	<u>\$ (1,669)</u>

Princeton Technology (Shenzhen) Ltd. and Princeton Technology (Chengdu) Corp. amended income tax rate of 25% in accordance with the law of the “People's Republic of China on Enterprise Income Tax” and related laws.

Princeton Technology (Chengdu) Corp. and Chengdu Chip-Rail Microelectronics Co., Ltd. meet the regulations has the local taxation bureau filed and approved the application of high-tech enterprises within three years from 2022 and 2023 had been approved to apply preferential tax rate is 15%.

c. Current tax assets and liabilities

	December 31, 2023	December 31, 2022
Current tax assets		
Income tax receivable	<u>\$ 530</u>	<u>\$ 481</u>

d. The analysis of deferred income tax in the consolidated balance sheets was as follows:

Year Ended December 31, 2023	Balance, Beginning of Year	Recognized in		Exchange effect	Balance, End of Year
		Profit or Loss	Other Comprehensive Income		
Deferred income tax assets					
Loss on decline value of inventory	\$ 11,388	\$ 260	\$ —	\$ (56)	\$ 11,592
Unrealized intercompany profits	52	448	—	—	500
Others	1,211	193	—	(14)	1,390
	<u>\$ 12,651</u>	<u>\$ 901</u>	<u>\$ —</u>	<u>\$ (70)</u>	<u>\$ 13,482</u>
Deferred income tax liabilities					
Unrealized foreign exchange gain	\$ 2,055	\$ (1,168)	\$ —	\$ —	\$ 887
Foreign currency translation reserve	4,335	—	(2,240)	—	2,095
Actuarial gains and losses on defined benefit plan	1,336	—	284	—	1,620
	<u>\$ 7,726</u>	<u>\$ (1,168)</u>	<u>\$ (1,956)</u>	<u>\$ —</u>	<u>\$ 4,602</u>

Year Ended December 31, 2022	Balance, Beginning of Year	Recognized in			Exchange effect	Balance, End of Year
		Profit or Loss	Other Comprehensive Income			
Deferred income tax assets						
Loss on decline value of inventory	\$ 7,373	\$ 3,939	\$ —	\$ 76	\$ 11,388	
Unrealized intercompany profits	145	(93)	—	—	52	
Unrealized foreign exchange loss	731	(731)	—	—	—	
Foreign currency translation reserve	6,266	—	(6,266)	—	—	
Others	1,161	7	—	43	1,211	
	<u>\$ 15,676</u>	<u>\$ 3,122</u>	<u>\$ (6,266)</u>	<u>\$ 119</u>	<u>\$ 12,651</u>	
Deferred income tax liabilities						
Unrealized foreign exchange gain	\$ —	\$ 2,055	\$ —	\$ —	\$ 2,055	
Foreign currency translation reserve	—	—	4,335	—	4,335	
Actuarial gains and losses on defined benefit plan	72	—	1,264	—	1,336	
Subtotal	<u>\$ 72</u>	<u>\$ 2,055</u>	<u>\$ 5,599</u>	<u>\$ —</u>	<u>\$ 7,726</u>	

e. Investment tax credits, tax loss carry forward and five-year exemption from tax on income from sales:

There were no unused investment tax credits available as of December 31, 2023.

Tax loss carry forward were as follows:

	Unused tax loss carry forward	Expiration date
PTC	\$ 34,697	December 31, 2031
Princeton Capital Corp.	45,404	December 31, 2032
Princeton Technology(Shenzehn) Corp.	5,322	December 31, 2033
Princeton Technology(Chengdu) Corp.	116,327	December 31, 2033
	<u>\$ 201,750</u>	

f. Income tax examination

The tax authorities have examined income tax returns of PTC and Princeton Capital Corp. through 2021.

### 30. Earning per shares

	2023	2022
<u>Earning per shares</u>		
Basic EPS	<u>\$ 0.33</u>	<u>\$ 0.93</u>
Diluted EPS	<u>\$ 0.33</u>	<u>\$ 0.92</u>
<u>Net income</u>		
Net income used to compute the basic and diluted EPS	<u>\$ 59,026</u>	<u>\$ 167,891</u>
<u>The number of common stocks(in thousands)</u>		
Weighted average number of common shares outstanding used in the computation of basic EPS	180,944	180,944
Effect of dilutive potential common shares:		
Compensation of employees	336	1,033
Weighted average number of common shares used in the computation of diluted EPS	<u>\$ 181,280</u>	<u>\$ 181,977</u>

### 31. Cash flow information

#### a. Non-cash transactions:

	2023	2022
Additions of property, plant and equipment	\$ 41,334	\$ 29,509
Changes in prepaid to contractors and equipment suppliers	(5,663)	7,951
Changes in payables to contractors and equipment suppliers	2	(1)
Payments for acquisition of property, plant and equipment	<u>\$ 35,673</u>	<u>\$ 37,459</u>

#### b. Reconciliation of liabilities arising from financing activities:

Year Ended December 31, 2023	Balance, Beginning of Year	Financing Cash Flow	Non-cash changes		Balance, End of Year
			Other Changes		
Short-term loans	\$ —	\$ 34,407	\$ —		\$ 34,407
Long-term loans	91,890	(91,965)	(15)		—
Guarantee deposits	110,035	(74,724)	—		35,311
	<u>\$ 202,015</u>	<u>\$ (132,282)</u>	<u>\$ (15)</u>		<u>\$ 69,718</u>

  

Year Ended December 31, 2022	Balance, Beginning of Year	Financing Cash Flow	Non-cash changes		Balance, End of Year
			Other Changes		
Lease liabilities	\$ 1,450	\$ (1,450)	\$ —		\$ —
Long-term loans	82,890	—	9,090		91,980
Guarantee deposits	110,334	(299)	—		110,035
	<u>\$ 194,674</u>	<u>\$ (1,749)</u>	<u>\$ 9,090</u>		<u>\$ 202,015</u>

### 32. Related-party transactions

Intercompany balances and transactions between PTC and its subsidiaries, which are related parties of PTC, have been eliminated upon consolidation; therefore those items are not disclosed in this note. The following is a summary of transactions between the Company and other related parties:

#### a. Related party name and nature of relationship

Related Parties	Relationship
Morelink Technology Corporation	Associates
Foresight Energy Technology Co., Ltd.	Associates
All directors, supervisors, general manager and deputy general manager	Main manager echelon of the Company

#### b. Sales

	2023	2022
Associates	<u>\$ 53</u>	<u>\$ 118</u>

The sales to the above related parties were dealt with in the ordinary course of business with the sales price made in the way similar to the sales to third-party customers. The collection period for the third-party customers was 60~90 days, while the terms for related parties, associates was 60 days.

#### c. Professional fee

	Account	2023	2022
Associates	Other revenue	<u>\$ 743</u>	<u>\$ 531</u>

#### d. Receivables

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Other receivables		
Associates	\$ 65	\$ 47

#### e. Others

The situation of the cash capital increase and investment increase of the involved parties of the Company is as follows :

	For the year ended							
	<u>December 31, 2023</u>				<u>December 31, 2022</u>			
	<u>Increase investment</u>		<u>%</u>		<u>Increase investment</u>		<u>%</u>	
	<u>Shares</u>	<u>Carrying value</u>	<u>Before</u>	<u>After</u>	<u>Shares</u>	<u>Carrying value</u>	<u>Before</u>	<u>After</u>
Foresight Energy Technology Co., Ltd.	615	\$ 14,760	15.84%	8.80%	—	\$ —	—	—

#### f. Compensation of key management personnel

	<u>2023</u>		<u>2022</u>	
Short-term employee benefits	\$	14,968	\$	14,867
Retirement benefits		215		215
	\$	15,183	\$	15,082

The information about the Company's appropriation of remuneration to all directors, supervisors, general manager and deputy general manager is available on the shareholders' meeting annual report.

### **33. Assets mortgaged or pledged**

As of December 31, 2023 and 2022, the following assets had been pledged or mortgaged as collateral:

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
Buildings	\$ 109,748	\$ 44,259
Investment Property	248,896	—
Other financial assets-bank deposits	2,031	2,065
Land	—	116,748
	\$ 360,675	\$ 163,072

### **34. Significant contingent liabilities and unrecognized commitments**

1. Under certain agreement, the Company shall pay royalties at a percentage of net sales (as defined in the agreement) with respect to certain products.
2. In order to ensure steady capacity, the Company entered into some capacity reservation contracts with suppliers and paid for the purchases over the long-term prepayments in order to ensure fulfillment to the contract. The long-term prepayment will be refunded when terms and conditions set forth in the contract have been satisfied.

**35. Significant loss:** None.

**36. Subsequent events:** None.

### **37. Capital management**

The primary objective of the Company's capital management is to ensure that it maintains a strong credit rating and healthy capital ratios to support its business and maximize the stockholders' value.

The management reviews the capital structure of the Company quarterly. As part of this review, the management considers the cost of capital and the risks associated with each class of capital. According to the management's suggestion, the Company maintains a balanced capital structure through paying cash dividends, increasing its share capital, purchasing treasury stock, proceeds from new debt or repayment of debt.

### **38. Disclosure of financial instruments**

#### a. Fair values of financial instruments :

	<u>December 31, 2023</u>	<u>December 31, 2022</u>
<u>Financial assets</u>		
FVTPL		
Mandatorily classified financial assets as at FVTPL	\$ 381,525	\$ 235,301
FVTOCI		
Equity instruments	51,281	8,201
Financial assets measured at amortized cost (Note 1)	742,216	1,009,161
	<u>\$ 1,175,022</u>	<u>\$ 1,252,663</u>
<u>Financial liabilities</u>		
Financial liabilities measured at amortized cost		
(Note 2)	<u>\$ 274,624</u>	<u>\$ 481,480</u>

Note 1: Including cash and cash equivalents, contract assets, notes & accounts receivable-net, other receivables, refundable deposit and other financial assets.

Note 2: Including short-term loans, notes & accounts payable, other payables, long-term loans (including current portion), refundable deposits and other financial liabilities.

#### b. Fair value of financial instruments

(a) The Fair value measurements are grouped into Levels 1 to 3 based on the degree to which the fair value is observable:

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

(b) Fair value of financial instruments carried at amortized cost

The Company considers that the carrying amounts of financial assets and financial liabilities recognized in the consolidated financial statements approximate their fair values.

(c) Fair value of financial instruments

The following table provides an analysis of financial instruments that are measured subsequent to initial recognition at fair value:

	<u>December 31, 2023</u>			
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
<u>Financial assets at FVTPL</u>				
Wealth management products	\$ —	\$ 255,945	\$ —	\$ 255,945
Mutual funds	50,857	—	—	50,857
Listed stocks	32,432	—	—	32,432
Limited partnerships	—	—	42,291	42,291
	<u>\$ 83,289</u>	<u>\$ 255,945</u>	<u>\$ 42,291</u>	<u>\$ 235,301</u>
<u>Financial assets at FVTOCI</u>				
Listed stocks through private placement	\$ —	\$ —	\$ 2,175	\$ 2,175
Unlisted equity investment	—	—	49,106	49,106
	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 51,281</u>	<u>\$ 51,281</u>

	December 31, 2022			
	Level 1	Level 2	Level 3	Total
<u>Financial assets at FVTPL</u>				
Financial products	\$ —	\$ 192,245	\$ —	\$ 192,245
Listed stocks	22,061	—	—	22,061
Limited partnerships	—	—	20,995	20,995
	<u>\$ 22,061</u>	<u>\$ 192,245</u>	<u>\$ 20,995</u>	<u>\$ 235,301</u>
<u>Financial assets at FVTOCI</u>				
Listed stocks through private placement	\$ —	\$ —	\$ 3,626	\$ 3,626
Unlisted equity investment	—	—	4,575	4,575
	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 8,201</u>	<u>\$ 8,201</u>

There were no transfers between Level 1 and 2 for the years ended December 31, 2023 and 2022.

(d) Valuation techniques and assumptions applied for the purposes of measuring fair value

The fair values of financial assets and financial liabilities are determined as follows:

- The fair values of financial assets and financial liabilities with standard terms and conditions and traded on active liquid markets are determined with reference to quoted market prices (includes publicly traded stocks and money market funds).
- The fair values of other financial assets and financial liabilities are determined in accordance with generally accepted pricing models based on discounted cash flow analysis.
- The fair values of private funds are determined using the asset based approach. The Company assesses that the amount of its net assets attributable to its investment approaches the fair value of the equity investment. The Company assesses the total value of the individual assets and liabilities covered by the target to reflect the overall value of the business.

(e) Reconciliation of Level 3 recurring fair value measurements of financial instruments:

	Financial Assets at FVTPL	Financial Assets at FVTOCI	Subtotal
For the year ended December 31, 2023			
Balance, beginning of Year	\$ 20,995	\$ 8,201	\$ 29,196
Additional/ Disposals	19,500	42,774	62,274
Recognized in profit or loss	1,796	—	1,796
Recognized in other comprehensive income	—	306	306
Balance, end of Year	<u>\$ 42,291</u>	<u>\$ 51,281</u>	<u>\$ 93,572</u>
For the year ended December 31, 2022			
Balance, beginning of Year	\$ —	\$ 9,416	\$ 9,416
Additional/ Disposals	21,000	—	21,000
Recognized in profit or loss	(5)	—	(5)
Recognized in other comprehensive income	—	(1,215)	(1,215)
Balance, end of Year	<u>\$ 20,995</u>	<u>\$ 8,201</u>	<u>\$ 29,196</u>

(f) Valuation techniques and inputs applied for the purpose of measuring Level 3 fair value measurement:

As of December 31, 2023:

Financial assets :

Financial assets at FVTOCI :

	Valuation technique	Significant unobservable inputs	Quantitative information	Interrelationship between inputs and fair value	Sensitivity analysis of the inputs to fair value
Stock	Market Approach	Price-Book ratio of similar entities	7.55	The higher the Price-Book ratio of similar entities, the higher the fair value estimated	10% increase (decrease) in the Price-Book ratio of similar entities would result in an increase (decrease) in equity by NT\$217 thousand
Stock, Equity investment	Assets Approach	Lack of marketability and Price-Book ratio of similar entities	2.69-38.36	The higher the lack of marketability, the lower the fair value estimated	10% increase (decrease) in the Price-Book ratio of the equity instruments would result in an increase (decrease) in equity by NT\$435 thousand

As of December 31, 2022:

Financial assets :

Financial assets at FVTOCI :

	Valuation technique	Significant unobservable inputs	Quantitative information	Interrelationship between inputs and fair value	Sensitivity analysis of the inputs to fair value
Stock	Market Approach	Price-Book ratio of similar entities	12.59	The higher the Price-Book ratio of similar entities, the higher the fair value estimated	10% increase (decrease) in the Price-Book ratio of similar entities would result in an increase (decrease) in equity by NT\$363 thousand
Stock	Assets Approach	Lack of marketability and Price-Book ratio of similar entities	0.55-39.06	The higher the lack of marketability, the lower the fair value estimated	10% increase (decrease) in the Price-Book ratio of the equity instruments would result in an increase (decrease) in equity by NT\$457 thousand

#### c. Financial risk management objectives

The Company seeks to ensure sufficient cost-efficient funding readily available when needed. The Company manages its exposure to foreign currency risk, interest rate risk, equity price risk, credit risk and liquidity risk with the objective to reduce the potentially adverse effects the market uncertainties may have on its financial performance.

The plans for material treasury activities are reviewed by Audit Committees and/or Board of Directors in accordance with procedures required by relevant regulations or internal controls. During the implementation of such plans, Corporate Treasury function must comply with certain treasury procedures that provide guiding principles for overall financial risk management and segregation of duties.

#### d. Market risk

Market risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of the changes in market prices. Market prices comprise foreign currency risk, interest rate risk and other price risk.

##### (a) Foreign currency risk

The Company's exposure to the risk of changes in foreign exchange rates relates primarily to the Company's operating activities and the Company's net investments in foreign subsidiaries. Some assets and liabilities of the Company denominated in the same

foreign currency and were expected to mostly offset gains or losses of changes in foreign exchange rate. Furthermore, as net investments in foreign subsidiaries are for strategic purposes, they are not hedged by the Company.

The carrying amounts of significant foreign currency denominated monetary assets and monetary liabilities are as follows:

	December 31, 2023		December 31, 2022	
	Foreign Currency (thousand)	Exchange Rate	Foreign Currency (thousand)	Exchange Rate
<b>(Foreign currencies : functional currency)</b>				
<u>Financial Assets</u>				
<u>Monetary items</u>				
USD : TWD	\$ 15,653	30.655	\$ 17,471	30.66
JPY : TWD	35,661	0.2152	7,953	0.2304
CNY : USD	159,333	0.1403	173,607	0.1430
HKD : TWD	5	3.899	5	3.908
EUR : TWD	2	33.78	2	32.52
<u>Non-monetary items</u>				
CNY : USD	\$ 151,829	0.1516	\$ 155,797	0.1517
USD : TWD	1,460	30.655	—	—
<u>Investments accounted for under the equity method</u>				
USD : TWD	\$ 28,697	30.655	\$ 29,878	30.66
<u>Financial Liabilities</u>				
<u>Monetary items</u>				
USD : TWD	\$ 4,013	30.755	\$ 10,817	30.76
JPY : TWD	1,232	0.2192	166	0.2344
CNY : USD	28,622	0.1403	27,884	0.1430

The Company's sensitivity analysis to foreign currency risk mainly focuses on the foreign currency monetary items at the end of the reporting period. Assuming depreciation / appreciation of 1% in the foreign exchanges against the New Taiwan dollar, the net income for the years ended December 31, 2023 and 2022 would have increased/decreased by NT\$9,265 thousand and NT\$8,448 thousand, respectively.

(b) Interest rate risk

The Company's exposure to the risk of changes in market interest rates relates primarily to the Company's loans at floating interest rates. Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates.

Sensitivity analysis of interest is calculated based on the financial liabilities exposed to cash flow interest rate risk at the end of each reporting period.

If interest rates had been 0.25% higher/lower, the Company's net income for the years ended December 31, 2023 and 2022 would increase/decrease by NT\$3 thousand and NT\$100 thousand respectively.

(c) Other price risk

The Company were exposed to equity price risk through their investments in Financial assets at FVTPL.

A change of 5% in the price of the listed stocks classified under at fair value through profit or loss could cause the net income for the years ended December 31, 2023 and 2022 to increase/decrease by NT\$4,164 thousand and NT\$1,103 thousand.

The sensitivity analysis information of other equity instruments or derivatives that are linked to such equity instruments whose fair value measurement is categorized under Level 3 of the fair value hierarchy. Please refer to Note 38.

e. Credit risk

Credit risk refers to the risk that counterparty will default on its contractual obligations resulting in financial loss to the Company. The Company is exposed to credit risk from operating activities, primarily trade receivables, and from financing activities, primarily deposits, fixed-income investments and other financial instruments with banks. Credit risk is managed separately for business related and financial related exposures.

(a) Business related credit risk

In order to maintain the credit quality of trade receivables, the Company has established procedures to monitor and limit exposure to credit risk on trade receivables.

Credit evaluation is performed in the consideration of the relevant factors which may affect the customer's paying ability such as financial condition, external and internal credit scoring, historical experience, and economic conditions. The Company holds some of the credit enhancements such as prepayments and collateral to mitigate its credit risks.

As of December 31, 2023 and 2022, the Company's ten largest customers accounted for 82% and 86% of total trade receivables, respectively.

(b) Financial credit risk

The Company's exposure to financial credit risk which pertained to bank deposits, fixed income investments and other financial instruments were evaluated and monitored by Corporate Treasury function. The Company only deals with creditworthy counterparties and banks so that no significant credit risk was identified.

f. Liquidity risk

The objective of liquidity risk management is to ensure the Company has sufficient liquidity to fund its business requirements of cash and cash equivalents and the unused of financing facilities associated with existing operations.

The table below summarizes the maturity profile of the Company's financial liabilities based on contractual undiscounted payments.

	December 31, 2023				
	Less Than 1 Year	2-3 Years	4 to 5 Years	5+ Years	Total
<u>Non-derivative financial liabilities</u>					
Accounts payable (including related parties)	\$ 34,407	\$ —	\$ —	\$ —	\$ 34,407
Accounts payable (including related parties)	112,506	—	—	—	112,506
Other payables	92,400	—	—	—	92,400
	<u>\$ 239,313</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 239,313</u>
	December 31, 2022				
	Less Than 1 Year	2-3 Years	4 to 5 Years	5+ Years	Total
<u>Non-derivative financial liabilities</u>					
Accounts payable (including related parties)	\$ 163,533	\$ —	\$ —	\$ —	\$ 163,533
Other payables	115,932	—	—	—	115,932
Long-term loans (including current portion)	—	91,980	—	—	91,980
	<u>\$ 279,465</u>	<u>\$ 91,980</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 371,445</u>

### **39.Reclassifications**

Certain 2022 accounts have been reclassified to conform to the 2023 financial statement presentation.

### **40.Additional disclosures**

Following are the additional disclosures:

- a.Financial provided : Table 1 (attached)
- b.Endorsement/guarantee provided : Table 2 (attached)
- c.Marketable securities held (excluding investments in subsidiaries and jointly controlled entities): 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 : None
- e.Acquisition of individual real estates at costs of at least NT\$300 million or 20% of the paid-in capital : None
- f.Disposal of individual real estates at costs of at least NT\$300 million or 20% of the paid-in capital : None
- g.Total purchase from or sale to related parties amounting to at least NT\$100 million or 20% of the paid-in capital : Table 4 (attached)
- h.Receivables from related parties amounting to at least NT\$100 million or 20% of the paid-in capital : None
- i.Derivate financial transaction : None
- j.Others: The business relationship between the parent and the subsidiaries and between each subsidiary, and significant transactions between them: Table 5 (attached)
- k.Names, locations and related information of investees on which the Company exercises significant influence : Table 6 (attached)
- l.Investment in Mainland China : Table 7 (attached)
- m.Information of major shareholder : Table 8 (attached)

### **41.Operating segments information**

- a.The Company mainly develops, design, testing and sales of high quality, high value-added consumer integrated circuits (ICs) and operates in the IC design industry only.
- b.Major product and service revenue:

	2023		2022	
Integrated circuits (ICs) revenue	\$	1,648,431	\$	1,938,854
Design revenue		11,204		10,001
	\$	<u>1,659,635</u>	\$	<u>1,948,855</u>

- c.Operations in different geographic areas :

Area	2023		2022	
	Revenue	Noncurrent assets	Revenue	Noncurrent assets
Japan	\$ 909,534	\$ —	\$ 917,043	\$ —
Mainland China(including HK)	638,159	520,325	857,079	540,462
Taiwan	84,508	436,793	118,544	456,819
Korea	10,403	—	18,107	—
Other	17,031	—	38,082	—
	<u>\$ 1,659,635</u>	<u>\$ 957,118</u>	<u>\$ 1,948,855</u>	<u>\$ 997,281</u>

d. Major customers with sales at least 10% of the Company's total sales were as follows:

	2023		2022	
	Amount	Percentage of net sales	Amount	Percentage of net sales
C16	\$ 596,395	35.94	\$ 580,626	29.77
C3	173,068	10.43	268,450	13.76
C6	33,435	2.01	216,589	11.10
	<u>\$ 802,898</u>	<u>48.38</u>	<u>\$ 1,065,665</u>	<u>54.63</u>

Table 1  
 Financial provided  
 For the year ended December 31, 2023  
 (Amounts in Thousands of New Taiwan Dollars and RMB Dollars, unless otherwise specified)

No	Financing Company	Counter-party	Financial Statement Account	Related Party	Maximum Balance for the Period	Ending Balance (Note 1)	Amount Actually Drawn	Interest Rate	Nature for Financing	Transaction Amounts	Reason for Financing	Allowance for Bad Debt	Collateral		Financing Limits for Each Borrowing Company (Notes 3)	Financing Company's Total Financing Amount Limits (Notes 4)
													Item	Value		
1	Princeton Technology (Shenzhen) Ltd..	Princeton Technology (Chengdu) Corp.	Other receivables from related parties	Yes	RMB30,000	RMB30,000	—	3.65% ~ 4.75%	Note 2	—	Operating capital	—	—	—	140,205	175,256

Note1 : The maximum balance for the period and ending balance represent the amounts approved by the Board of Directors.

Note2 : The need for short-term financing.

Note3 : The amount that can be financing limits for each borrowing company is 40% of the guarantor's net assets.

(NT\$ 350,512× 40% = NT\$140,205)

Note4 : The amount that can be financing company's total financing is 50% of the guarantor's net assets.

(NT\$ 350,512× 50% = NT\$175,256)

Table 2

## Endorsement/guarantee provided

For the year ended December 31, 2023

(Amounts in Thousands of New Taiwan Dollars and US Dollars, unless otherwise specified)

No	Endorser/ guarantor	Counter-party		Limits on endorsement/ guarantee amount provided to each guaranteed party	Maximum balance for the period	Ending balance	Amount actually drawn	Value of collaterals property, plant, or equipment	Ratio of accumulated amount of collateral to net equity as shown in the latest financial statement	Maximum collateral/ guarantee amounts allowable	The holding company to subsidiary	Subsidiary to holding company	Endorsement/ guarantee t in Mainland China
		Name	Nature of relationship with the endorser/guarant or										
0	Princeton Technology Corp.	Princeton Technology (Chengdu) Corp.	Equity-method investee of Princeton Silicon Inc.	921,484	USD 6,000	—	—	—	—	1,003,394	Y	—	Y

Note1 : The maximum amount that can be guaranteed to individual counter-party is 45% of the guarantor's net assets.

$$(NT\$ 2,047,743 \times 45\% = NT\$921,484)$$

Note2 : The maximum amount that can be guaranteed is 49% of the guarantor's net assets.

$$(NT\$ 2,047,743 \times 49\% = NT\$1,003,394)$$

Table 3

Marketable securities held  
For the year ended December 31, 2023

(Shares in thousands ,Amounts in Thousands of New Taiwan Dollars, unless specified)

Investor	Description of Stock	Relationship with the Investor	Financial statement account	December 31, 2023			
				Shares	Carrying value	Percentage of ownership	Fair Value
Princeton Technology Corp.	Unlisted common stock	—	Financial assets at FVTOCI	1,500	4,350	—	4,350
Princeton Capital Corp.	Fund	—	Financial assets at FVTPL- current	1,219	20,222	—	20,222
Princeton Capital Corp.	Fund	—	Financial assets at FVTPL- current	1,451	20,229	—	20,229
Princeton Capital Corp.	Fund	—	Financial assets at FVTPL- current	449	5,426	—	5,426
Princeton Capital Corp.	Fund	—	Financial assets at FVTPL- current	500	4,980	—	4,980
Princeton Capital Corp.	Listed common stock	—	Financial assets at FVTPL- current	56	874	—	874
Princeton Capital Corp.	Listed common stock	—	Financial assets at FVTPL- current	2,566	31,558	—	31,558
Princeton Capital Corp.	Limited partnership	—	Financial assets at FVTPL – non current	—	12,552	—	12,552
Princeton Capital Corp.	Limited partnership	—	Financial assets at FVTPL – non current	—	29,739	—	29,739
Princeton Capital Corp.	Listed stock through private	—	Financial assets at FVTOCI	288	2,175	—	2,175
Princeton Technology (Shenzhen) Ltd.	Wealth management products	—	Financial assets at FVTPL- current	25,090	109,452	—	109,452
Chengdu Chip-Rail/Microelectronics Co.,Ltd.	Wealth management products	—	Financial assets at FVTPL- current	2,000	8,605	—	8,605
Chengdu Chip-Rail/Microelectronics Co.,Ltd.	Wealth management products	—	Financial assets at FVTPL- current	2,000	8,604	—	8,604
Chengdu Chip-Rail/Microelectronics Co., Ltd.	Wealth management products	—	Financial assets at FVTPL- current	22,000	94,835	—	94,835
Chengdu Chip-Rail/Microelectronics Co.,Ltd.	Wealth management products	—	Financial assets at FVTPL- current	3,000	12,926	—	12,926
Chengdu Chip-Rail/Microelectronics Co.,Ltd.	Wealth management products	—	Financial assets at FVTPL- current	5,000	21,523	—	21,523
Princeton Silicon LTD	Unlisted equity investment	—	Financial assets at FVTOCI	—	44,756	3.07%	44,756

Table 4

Total purchase from or sales to related parties amounting to at least NT\$100 million or 20% of the paid-in capital  
 For years ended December 31, 2023  
 (Amounts in Thousands of New Taiwan Dollars, unless specified)

Related Party	Nature of relationship	Transaction Details			Abnormal transaction		Notes/accounts payable or receivable		Note
		Purchase /sale	Amount	% to Total	Payment term	Unit price	Payment terms	Ending balance	
Princeton Technology (Chengdu) Corp.	Equity-method investee of Princeton Silicon Inc.	Sales	179,249	10.80%	OA90days	—	—	Accounts receivable 48,607	15.07%

Table 5

Significant intercompany transactions between consolidated entities  
For the years ended December 31, 2023

(Shares in thousands ,Amounts in Thousands of New Taiwan Dollars, unless specified)

Related Party	Counterparty	Relationship with the Company(Note1)	Transactions				Percentage of consolidated operating revenues or consolidated total assets (Note 2)
			Account	Amount	Terms		
Princeton Technology Corp.	Princeton Technology (Chengdu) Corp.	1	Sales	179,249	No significant difference	10.80%	
Princeton Technology Corp.	Princeton Technology (Chengdu) Corp.	1	Purchase	26,071	No significant difference	1.57%	
Princeton Technology Corp.	Princeton Technology (Chengdu) Corp.	1	Manufacturing expenses	3,150	No significant difference	0.19%	
Princeton Technology Corp.	Princeton Technology (Chengdu) Corp.	1	Accounts receivable	48,607	No significant difference	1.93%	
Princeton Technology Corp.	Princeton Technology (Chengdu) Corp.	1	Accounts payable	1,659	No significant difference	0.07%	
Princeton Technology (Shenzhen) Ltd.	Princeton Technology (Chengdu) Corp.	2	Service incomes	11,905	No significant difference	0.72%	
Princeton Technology (Shenzhen) Ltd.	Princeton Technology (Chengdu) Corp.	2	Accounts receivable	1,215	No significant difference	0.05%	
Princeton Technology (Shenzhen) Ltd.	Princeton Technology (Chengdu) Corp.	2	Interest income	1,375	No significant difference	0.08%	
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Sales	4,280	No significant difference	0.26%	
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Purchase	920	No significant difference	0.06%	
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Rental incomes	1,240	No significant difference	0.07%	
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Service incomes	524	No significant difference	0.03%	
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Other incomes	357	No significant difference	0.02%	
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Accounts receivable	533	No significant difference	0.02%	
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Other advances	246	No significant difference	0.01%	
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Refundable deposits	319	No significant difference	0.01%	
Princeton Technology (Chengdu) Corp.	Princeton Technology (Shenzhen) Ltd.	2	Rental incomes	961	No significant difference	0.06%	

Note 1: Transactions are categorized as follows:

1. The holding company to subsidiary.
2. The subsidiary company to subsidiary.

Note 2: The percentage with respect to the consolidated asset/liability for transactions of balance sheet items are based on each item's balance at period-end.  
For profit or loss items, cumulative balances are used as basis.

Table 6

Name, locations, and other information of investee on which the Company exercises significant influence

For the year ended December 31, 2023

(Amounts in Thousands of New Taiwan Dollars and Chinese Yuan, unless otherwise specified)

Investor	Investee	Location	Main business and products	Original investment amount		Balance as of December 31, 2023		Percentage of ownership	Carrying value	Net income (loss) of the investee	Equity in net income (net loss)
				Dec 31, 2023	Dec 31, 2022	Shares (in thousand)	Shares (in thousand)				
Princeton Technology Corp.	Princeton Silicon LTD	Hong Kong	Holding company	1,056,197	1,009,632	33,500	33,500	100.00%	921,880	(23,776)	(27,167)
Princeton Technology Corp.	Princeton Capital Corp.	Taiwan	Investment holding	150,000	150,000	15,000	15,000	100.00%	202,778	7,763	7,763
Princeton Technology Corp.	Microlink Communications Inc.	Taiwan	Wireless communications products research, manufacture and sales & marketing	80,000	80,000	8,000	8,000	25.00%	—	(1,053)	—
Princeton Technology Corp.	Morelink Technology Corporation	Taiwan	Wireless communications products and Electronic components maintenance & sales; Importer of Restricted RF/Telecom device	15,800	15,800	1,580	1,580	7.87%	2,899	(48,350)	(3,823)
Princeton Technology Corp.	Foresight Energy Technology Co., LTD	Taiwan	Electronic components and battery manufacturing, Electric equipment wholesale, Electronic material wholesale and sales	13,442	13,442	1,344	1,344	2.59%	17,362	(45,370)	(2,602)
Princeton Capital Corp.	Foresight Energy Technology Co., LTD	Taiwan	Electronic components and battery manufacturing, Electric equipment wholesale, Electronic material wholesale and sales	40,905	26,145	3,229	3,229	6.21%	41,711	(45,370)	(5,744)
Princeton Technology (Shenzhen) Ltd.	Chengdu Chip-Rail Microelectronics Co., Ltd.	China	Computer systems development, IC design, computer hardware and software design and technical services	RMB 16,530	RMB 16,530	6,375	6,375	51.00%	RMB 39,249	RMB 200	RMB 102

Table 7  
Investment in Mainland China  
For the year ended December 31, 2023  
(Amounts in Thousands of New Taiwan Dollars and US Dollars, unless otherwise specified)

Investee	Main business and products	Total amount of paid-in capital	Investment type	Accumulated outflow of investment from Taiwan as of December 31, 2022	Investment flows		Accumulated outflow of investment from Taiwan as of December 31, 2023	Net income of the investee of the investee	% Ownership director or indirect investment	Investment gain(loss)	Carrying value as of December 31, 2023	Accumulated inward remittance of earnings as of December 31, 2023
					Outflow	Inflow						
Princeton Technology (Shenzhen) Ltd.	IC sales, design & marketing and software research; the research and development of separators for lithium-ion batteries; communications equipment technical consulting and after-sale service	417,942 (USD13,000)	Indirect: Through Princeton Silicon Inc(a wholly owned subsidiary of Princeton Technology Corp.)	417,942 (USD13,000)	-	-	417,942 (USD13,000)	(8,940) (USD (288))	100%	(8,762)	350,512	-
Princeton Technology (Chengdu) Corp.	IC design and software research, technology transfer; technical consulting, after-sales service; modular design of electronic systems, development and sale; IC sale, import and export, communications equipment research, sales, import and export, technical consulting, after-sale service; lithium-ion batteries research, sales, import and export; own house rental	591,690 (USD19,000)	Indirect: Through Princeton Silicon Inc(a wholly owned subsidiary of Princeton Technology Corp.)	591,690 (USD19,000)	-	-	591,690 (USD19,000)	(16,934) (USD(545))	100%	(17,017)	529,180	-
ARK HDPS SEMICON DUCTOR PTE. (Shenzhen) Ltd.	R&D and sales of semiconductors, testing equipment, automation equipment, electromechanical equipment and related equipment, materials and consumables; related technical consulting, technology transfer and scientific and technological services; technology development, technology transfer and technical services in the field of new energy; import and export related matters	RMB10,905	Indirect: Through Princeton Silicon Inc(a wholly owned subsidiary of Princeton Technology Corp.)	-	43,343 (USD1,396)	-	43,343 (USD1,396)	(207,784) (RMB (6,686))	3.07%	Note2	44,756	-
Accumulated investment in Mainland China as of December 31, 2023				Investment amounts authorized by Investment Commission, MOEA	Upper limit on investment defined by Investment Commission, MOEA(Note1)							
1,052,975(USD 33,396)				1,056,197(USD 33,500)	1,228,646							

Note1: Recognition of the upper limit was based on audited financial statement as of December 31, 2023. The limit was NT\$1,217,300 (NT\$2,047,743 × 60% = NT\$1,228,646)

Note2: Financial assets measured at FVTOCI – non-current.

Table 8  
Information on major shareholders  
For the year ended December 31, 2023

Shareholders	Shares	
	Total Shares Owned (In Thousands)	Ownership Percentage
Chiang Tsang An	11,557	6.38%

Note1 :The Table discloses shareholding information of shareholders whose shareholding percentage is more than 5%. The Taiwan Depository & Clearing Corporation (TDCC) calculates the total number of ordinary shares and special shares (including treasury shares) that have completed the dematerialized registration and delivery on the last business day of the quarter. The share capital reported in the Company's consolidated financial statements and the actual number of shares that have completed the dematerialized registration and delivery may be different due to difference in the basis of calculation.