

**Princeton Technology Corp.
and Subsidiaries
Consolidated Financial Statements for the
Years Ended December 31, 2021 and 2020
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, 2021, 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 No10. 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

Richard Chiang

Chairman

February 25, 2022

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, 2021 and 2020, 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, 2021 and 2020, 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 Auditing and Attestation of Financial Statements by Certified Public Accountants and auditing standards generally accepted in 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, 2021. 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, 2021 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, 2021 and 2020, 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, 2021 and 2020, the related share of the investment loss from the associates and joint ventures both amounted to NT\$0 for the years ended December 31, 2021 and 2020, 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, 2021 and 2020 on which we have issued an unmodified opinion.

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 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 auditing standards generally accepted in 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 auditing standards generally accepted in 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, 2021 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.

LIN CHUN ZHI

LIN JIN FENG

Crowe (TW) CPAs

February 25, 2022

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, 2021 and 2020

(Expressed in Thousand New Taiwan Dollars)

Assets	Note	December 31, 2021		December 31, 2020	
		Amount	%	Amount	%
Current assets					
Cash and cash equivalents	Note 6	\$ 491,103	20	\$ 433,543	20
Financial assets at fair value through profit or loss	Note 7	212,662	9	263,478	12
Financial assets at amortized cost	Note 9	100,348	4	175,000	8
Notes receivable, net	Note 10	13,868	-	10,158	-
Accounts receivable, net	Note 10	337,731	14	254,651	12
Other receivables	Notes 10&31	6,342	-	2,991	-
Current tax assets	Note 28	328	-	-	-
Inventories, net	Note 11	321,873	14	221,331	10
Prepayments		13,431	-	24,819	2
Other financial assets	Notes 6&32	2,053	-	2,046	-
Total current assets		<u>1,499,739</u>	<u>61</u>	<u>1,388,017</u>	<u>64</u>
Non-current assets					
Financial assets at fair value through other comprehensive income	Note 8	9,416	-	23,367	2
Investments accounted for under the equity method	Note 12	11,753	-	16,607	1
Property, plant and equipment	Notes 13.30&32	418,888	18	444,007	20
Right-of-use assets	Note 14	9,140	-	13,388	-
Investment property	Note 15	249,375	10	260,878	12
Intangible assets	Note 16	4,123	-	4,277	-
Deferred tax assets	Note 28	15,604	1	15,303	1
Other noncurrent assets	Notes 17&33	243,517	10	4,229	-
Total non-current assets		<u>961,816</u>	<u>39</u>	<u>782,056</u>	<u>36</u>
Total assets		<u>\$ 2,461,555</u>	<u>100</u>	<u>\$ 2,170,073</u>	<u>100</u>
Liabilities and stockholders' equity					
Current liabilities					
Contract liability	Note 23	\$ 6,596	-	\$ 1,140	-
Accounts payable		167,489	7	109,443	5
Other payables	Note 18	83,705	3	69,149	3
Current tax liabilities	Note 28	-	-	1,682	-
Lease liabilities	Notes 14.30&32	1,450	-	2,857	-
Long-term liabilities - current portion	Notes 19.30&32	-	-	127,935	6
Other current liabilities		502	-	352	-
Total current liabilities		<u>259,742</u>	<u>10</u>	<u>312,558</u>	<u>14</u>
Non-current liabilities					
Long-term loans payable	Notes 19.30&32	82,890	3	-	-
Lease liabilities	Notes 14.30&32	-	-	1,450	-
Net defined benefit liability	Note 20	23,701	1	29,154	2
Refundable deposits	Note 21	110,334	5	2,154	-
Total non-current liabilities		<u>216,925</u>	<u>9</u>	<u>32,758</u>	<u>2</u>
Total liabilities		<u>476,667</u>	<u>19</u>	<u>345,316</u>	<u>16</u>
Equity attributable to the parent company					
Capital	Note 22	1,809,437	73	1,809,437	84
Additional paid-in capital	Note 22	18,995	1	12,234	-
Retained earnings	Note 22				
Legal reserve		306,123	13	306,123	14
Accumulated losses		(211,348)	(9)	(326,636)	(15)
Total retained earnings		<u>94,775</u>	<u>4</u>	<u>(20,513)</u>	<u>(1)</u>
Other components of equity	Note 22	(88,785)	(3)	(86,628)	(4)
Total equity attributable to the parent		<u>1,834,422</u>	<u>75</u>	<u>1,714,530</u>	<u>79</u>
Non-controlling interests	Note 22	150,466	6	110,227	5
Total equity		<u>1,984,888</u>	<u>81</u>	<u>1,824,757</u>	<u>84</u>
Total liabilities and equity		<u>\$ 2,461,555</u>	<u>100</u>	<u>\$ 2,170,073</u>	<u>100</u>

The accompanying notes are integral part of consolidated financial statements.

(Continued)

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, 2021 & 2020

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

	Note	2021		2020	
		Amount	%	Amount	%
Net sales	Notes 23&31	\$ 1,637,702	100	\$ 1,102,017	100
Cost of goods sold	Notes 11.20&24	(1,002,609)	(61)	(722,559)	(66)
Gross profit		635,093	39	379,458	34
Operating expenses	Notes 20.24&31				
Marketing		(54,521)	(3)	(40,395)	(3)
General and administrative		(154,376)	(10)	(135,217)	(12)
Research and development		(311,014)	(19)	(260,670)	(24)
Total operating expenses		(519,911)	(32)	(436,282)	(39)
Operating gain (loss)		115,182	7	(56,824)	(5)
Non-operating income and expenses					
Interest income	Note 25	1,931	-	3,284	-
Other gain and loss	Notes 26&31	57,335	4	16,995	1
Finance costs	Note 27	(1,762)	-	(4,589)	-
Share of loss of associates and joint ventures	Notes 4&12	(11,615)	(1)	(12,980)	(1)
Subtotal		45,889	3	2,710	-
Income (loss) from continuing operations before income tax		161,071	10	(54,114)	(5)
Income tax expense	Note 28	(3,481)	-	(4,182)	-
Net income (loss)		157,590	10	(58,296)	(5)
Other comprehensive income and loss					
Items that will not be reclassified subsequently to profit or loss:					
Remeasurement of defined benefit plans	Note 20	3,815	-	117	-
Unrealized gain (loss) on investments in equity instruments at fair value through other comprehensive income	Note 22	6,853	1	(4,169)	-
Income tax expense related to items that will not be reclassified subsequently to profit or loss	Note 28	(763)	-	(23)	-
Subtotal		9,905	1	(4,075)	-
Items that may be reclassified subsequently to profit or loss:					
Exchange differences on translation of foreign operations	Note 22	(16,772)	(1)	(30,415)	(3)
Income tax benefit related to items that may be reclassified subsequently to profit or loss	Notes 22&28	2,647	-	4,980	-
Subtotal		(14,125)	(1)	(25,435)	(3)
Total other comprehensive income or (loss), net of tax		(4,220)	-	(29,510)	(3)
Total comprehensive income (loss)		\$ 153,370	10	\$ (87,806)	(8)
Net income (loss) attributable to:					
Stockholders of the parent		\$ 113,815	7	\$ (76,800)	(7)
Non-controlling interests		43,775	3	18,504	2
		\$ 157,590	10	\$ (58,296)	(5)
Comprehensive income (loss) attributable to:					
Stockholders of the parent		\$ 113,131	7	\$ (100,795)	(9)
Non-controlling interests		40,239	3	12,989	1
		\$ 153,370	10	\$ (87,806)	(8)
Earnings per share					
Earnings per share-basic	Note 29	\$ 0.63		\$ (0.42)	

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, 2021 & 2020
 (Expressed in Thousand New Taiwan Dollars)

	Equity attributable to the parent											
	Additional paid-in capital			Retained earnings			Other components of equity			Total equity attributable to the parent	Non-controlling interests	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	Unappropriated earnings (Accumulated losses)	Exchange differences arising on translation of foreign operations	Unrealized gain on investments in equity instruments at fair value through other comprehensive income				
Balance as of January 1, 2020	\$ 1,809,437	\$ 1,102	\$ 39	\$ 10,140	\$ 4,592	\$ 306,123	\$ (249,930)	\$ (22,416)	\$ (40,123)	\$ 1,818,964	\$ 97,238	\$ 1,916,202
Adjustments to share of changes in equities of associates and joint venture	-	-	-	(3,639)	-	-	-	-	-	(3,639)	-	(3,639)
Net (loss) income for the year ended December 31, 2020	-	-	-	-	-	-	(76,800)	-	-	(76,800)	18,504	(58,296)
Other comprehensive income for the year ended December 31, 2020	-	-	-	-	-	-	94	(19,920)	(4,169)	(23,995)	(5,515)	(29,510)
Total comprehensive (loss) income	-	-	-	-	-	-	(76,706)	(19,920)	(4,169)	(100,795)	12,989	(87,806)
Balance as of December 31, 2020	1,809,437	1,102	39	6,501	4,592	306,123	(326,636)	(42,336)	(44,292)	1,714,530	110,227	1,824,757
Adjustments to share of changes in equities of associates and joint venture	-	-	-	6,761	-	-	-	-	-	6,761	-	6,761
Net income for the year ended December 31, 2021	-	-	-	-	-	-	113,815	-	-	113,815	43,775	157,590
Other comprehensive income for the year ended December 31, 2021	-	-	-	-	-	-	3,052	(10,589)	6,853	(684)	(3,536)	(4,220)
Total comprehensive income (loss)	-	-	-	-	-	-	116,867	(10,589)	6,853	113,131	40,239	153,370
Disposal of investments in equity instruments designated at fair value through other comprehensive income	-	-	-	-	-	-	(1,579)	-	1,579	-	-	-
Balance as of December 31, 2021	\$ 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

The accompanying notes are integral part of 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, 2021 & 2020

(Expressed in Thousand New Taiwan Dollars)

	2021	2020
Cash flows from operating activities:		
Net income (loss) before tax	\$ 161,071	\$ (54,114)
Adjustments to reconcile net income (loss) to net cash provided by operating activities:		
Depreciation	52,304	52,831
Amortization expense	137	139
Expected credit gains	2,799	(1,134)
Net income of financial assets at fair value through profit or loss	(36,542)	(19,951)
Finance costs	1,762	4,589
Interest income	(1,931)	(3,284)
Dividend income	-	(1,022)
Share of loss of associates and joint ventures	11,615	12,980
Loss on disposal of property, plant and equipment, net	5	47
Loss on disposal of investments	176	124
Changes in operating assets and liabilities:		
Decrease (increase) in :		
Mandatorily classified FVTPL	86,605	140,947
Notes receivable	(3,710)	2,390
Accounts receivable	(85,879)	(73,267)
Other receivables	(3,612)	918
Inventories	(100,542)	59,555
Prepayments	11,388	7,449
Other financial asset	(7)	(13)
Increase (decrease) in :		
Contract liability	5,456	(1,808)
Accounts payable	58,046	31,145
Other payables	15,117	12,580
Other current liabilities	150	32
Net defined benefit liabilities	(1,638)	(2,093)
Cash provided by operations	172,770	169,040
Interest received	2,192	4,229
Interest paid	(1,905)	(7,963)
Income tax paid	(3,925)	(835)
Net cash provided by operating activities	169,132	164,471

(Continued)

	2021	2020
Cash flows from investing activities:		
Proceeds from disposal of financial assets at fair value through other comprehensive income	20,804	-
Proceeds from Financial assets at amortized cost	74,652	23,303
Acquisition of investments accounted for under the equity method	-	(19,392)
Acquisition of property, plant and equipment	(46,966)	(37,008)
Proceeds from disposal of property, plant and equipment	-	43
Acquisition of intangible assets	(17)	(17)
Increase in other noncurrent assets	(218,381)	-
Decrease in other noncurrent assets	-	77
Dividend received	-	1,022
Net cash used in investing activities	<u>(169,908)</u>	<u>(31,972)</u>
Cash flows from financing activities		
Decrease in long-term loans	(45,045)	(66,610)
Increase in guarantee deposits received	108,180	977
Repayment of the principal portion of lease liabilities	(2,857)	(2,856)
Increase in non-controlling interests	(3,536)	(5,514)
Net cash provided by (used in) financing activities	<u>56,742</u>	<u>(74,003)</u>
Effect of exchange rate changes on cash and cash equivalents	<u>1,594</u>	<u>1,068</u>
Net increase in cash and cash equivalents	57,560	59,564
Cash and cash equivalents at beginning of period	<u>433,543</u>	<u>373,979</u>
Cash and cash equivalents at end of period	<u>\$ 491,103</u>	<u>\$ 433,543</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, 2021 & 2020
(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 25, 2022

3. Newly issued or revised standards and interpretations

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

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. The IFRSs issued by International Accounting Standards Board (IASB) and endorsed by the FSC with effective date starting 2022.

<u>New, Revised or Amended Standards and Interpretations</u>	<u>Effective Date Issued by IASB (Note1)</u>
Annual Improvements to IFRS Standards 2018–2020 Cycle	January 1, 2022 (Note2)
Amendments to IFRS 3 "Reference to the Conceptual Framework"	January 1, 2022 (Note3)
Amendments to IAS 16 "Property, Plant and Equipment - Proceeds before Intended Use"	January 1, 2022 (Note4)
Amendments to IAS 37 "Onerous Contracts–Cost of Fulfilling a Contract"	January 1, 2022 (Note5)

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

Note 2: The amendments to IFRS 9 are applied prospectively to modifications and exchanges of financial liabilities that occur on or after the annual reporting periods beginning on or after January 1, 2022. The amendments to IAS 41 "Agriculture" are applied prospectively to the fair value measurements on or after the annual reporting periods beginning on or after January 1, 2022. The amendments to IFRS 1 "First-time Adoptions of IFRSs" are applied retrospectively for annual reporting periods beginning on or after January 1, 2022.

Note 3: The amendments are applicable to business combinations for which the acquisition date is on or after the beginning of the first annual reporting period beginning on or after January 1, 2022.

Note 4: The amendments are applicable to property, plant and equipment that are brought to the location and condition necessary for them to be capable of operating in the manner intended by management on or after January 1, 2021.

Note 5: The amendments are applicable to contracts for which the entity has not yet fulfilled all its obligations on January 1, 2022.

As of the date the consolidated financial statements were authorized for issued, the Company has assessed the possible impact that the application of other standards and interpretations will have no material impact on the Company's financial position and financial performance.

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 1 “Classification of Liabilities as Current or Non-current”	January 1, 2023
Amendments to IAS 1 “The disclosure of accounting policies”	January 1, 2023
Amendments to IAS 8 “Clarify the definition of accounting estimates”	January 1, 2023
Amendments to IAS 12 “Deferred Tax related to Assets and Liabilities arising from a Single Transaction” ¹³	January 1, 2023

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.

Balance sheets

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
Current assets	\$ 343,168	\$ 264,424
Non-current assets	7,089	10,550
Current liabilities	(43,101)	(49,939)
Non-current liabilities	<u>(82)</u>	<u>(82)</u>
Equity	<u>\$ 307,074</u>	<u>\$ 224,953</u>
Equity attributable to :		
Stockholders of the parent	\$ 156,608	\$ 114,726
Non-controlling interests	<u>150,466</u>	<u>110,227</u>
	<u>\$ 307,074</u>	<u>\$ 224,953</u>

Statements of comprehensive incomes

	<u>2021</u>	<u>2020</u>
Net sales	\$ 536,166	\$ 323,353
Net profit for the period	\$ 89,337	\$ 37,762
Other comprehensive income	<u>(7,217)</u>	<u>(11,255)</u>
Total comprehensive income	<u>\$ 82,120</u>	<u>\$ 26,507</u>
Net profit attributable to :		
Stockholders of the parent	\$ 45,562	\$ 19,258
Non-controlling interests	<u>43,775</u>	<u>18,504</u>
	<u>\$ 89,337</u>	<u>\$ 37,762</u>
Comprehensive income attributable to:		
Stockholders of the parent	\$ 41,881	\$ 13,518
Non-controlling interests	<u>40,239</u>	<u>12,989</u>
	<u>\$ 82,120</u>	<u>\$ 26,507</u>
Dividends paid to non-controlling interests	<u>\$ —</u>	<u>\$ —</u>

Statements of cash flows

	<u>2021</u>	<u>2020</u>
Net cash (used in) provided by operating activities	\$ (23,340)	\$ 59,744
Net cash provided by (used in) investing activities	<u>13,968</u>	<u>(47,430)</u>
Net increase (decrease) in cash and cash equivalents	<u>\$ (9,372)</u>	<u>\$ 12,314</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.

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

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.

Share-based Payment Arrangements

Employee stock option plan are measured at the fair value of the stock options at the grant date. The fair value of the stock option granted determined at the grant date of the stock options is expensed on a straight-line basis over the vesting period, based on the Company's estimate of equity instruments that will eventually vest, with a corresponding increase in capital surplus - employee stock option. The estimate is revised if subsequent information indicates that the number of stock options expected to vest differs from original estimates.

The Company shall revise the estimate number of employee stock option expected to vest at the end of each reporting period.

If the number of employee stock option expected to vest differs from previous estimates, the Company shall recognize the effect in operating expense, with a corresponding adjustment to additional paid in capital.

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 35.

6.Cash and cash equivalents

	<u>December 31,2021</u>	<u>December 31,2020</u>
Cash on hand	\$ 339	\$ 390
Checking and savings accounts	401,398	323,919
Time deposits	89,366	109,234
	<u>\$ 491,103</u>	<u>\$ 433,543</u>

As of December 31, 2021 and 2020, the pledged certificates of bank deposits have been reclassified to other financial assets. Refer to Note 32

7.Financial assets at fair value through profit or loss, current

a.The details of financial assets at fair value through profit or loss, current are as follows:

	<u>December 31,2021</u>	<u>December 31,2020</u>
<u>Mandatorily classified FVTPL</u>		
Wealth management products	\$ 173,894	\$ 109,954
Listed stocks	38,768	54,921
Mutual funds	—	98,603
	<u>\$ 212,662</u>	<u>\$ 263,478</u>

b.The above financial assets at fair value through profit or loss, current were all not pledged.

8.Financial assets at fair value through other comprehensive income

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

	<u>December 31,2021</u>	<u>December 31,2020</u>
<u>Investment in equity instruments, non-current</u>		
Listed stocks through private placement	\$ 3,986	\$ 795
Non-publicly traded stocks	5,430	22,572
	<u>\$ 9,416</u>	<u>\$ 23,367</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

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

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
Time deposits with original maturity of more than 3 months	\$ 100,348	\$ 175,000
Interest rate	0.25% ~ 1.55%	0.45% ~ 1.75%

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, 2021</u>	<u>December 31, 2020</u>
<u>Notes receivable</u>		
Notes receivable-operating activities	\$ 13,868	\$ 10,158
Notes receivable-non operating activities	—	—
Less: allowance for doubtful accounts	—	—
	<u>\$ 13,868</u>	<u>\$ 10,158</u>
<u>Accounts receivable</u>		
Accounts receivable	\$ 347,539	\$ 261,699
Less: allowance for doubtful accounts	(9,808)	(7,048)
	<u>\$ 337,731</u>	<u>\$ 254,651</u>
<u>Other receivables</u>		
Tax refund receivable	\$ 6,342	\$ 2,991
Less: allowance for doubtful accounts	—	—
	<u>\$ 6,342</u>	<u>\$ 2,991</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.

	<u>December 31, 2021</u>					
	<u>Not Past Due</u>	<u>1 to 60 Days</u>	<u>61 to 90 Days</u>	<u>91 to 180 Days</u>	<u>Over 180 Days</u>	<u>Total</u>
Gross carrying amount	\$ 344,073	\$ —	\$ —	\$ —	\$ 9,808	\$ 353,881
Estimates expected credit loss rate	0%	0%	0%	0%	100%	
Loss allowance (Lifetime ECL)	—	—	—	—	(9,808)	(9,808)
Amortized cost	<u>\$ 344,073</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 344,073</u>

	December 31, 2020					
	Not Past Due	1 to 60 Days	61 to 90 Days	91 to 180 Days	Over 180 Days	Total
Gross carrying amount	\$ 257,642	\$ —	\$ —	\$ —	\$ 7,048	\$ 264,690
Estimates expected credit loss rate	0%	0%	0%	0%	100%	
Loss allowance (Lifetime ECL)	—	—	—	—	(7,048)	(7,048)
Amortized cost	<u>\$ 257,642</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 257,642</u>

The movements of the allowance for doubtful accounts and other receivables

	December 31, 2021	December 31, 2020
Balance, beginning of period	\$ 7,048	\$ 8,199
Add: Provision	4,635	—
Less: Reversal	(1,836)	(1,134)
Effect of exchange rate changes	(39)	(17)
Balance, end of period	<u>\$ 9,808</u>	<u>\$ 7,048</u>

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

11. Inventories, net

	December 31, 2021	December 31, 2020
Merchandises	\$ 12,670	\$ 6,708
Finished goods	150,031	60,232
Work in progress	113,066	130,156
Raw materials	46,106	24,235
	<u>\$ 321,873</u>	<u>\$ 221,331</u>

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

	2021	2020
Selling cost of inventories	\$ 1,006,659	\$ 715,507
(Gain) loss on decline in value of inventory	(3,950)	7,376
Others	(100)	(324)
	<u>\$ 1,002,609</u>	<u>\$ 722,559</u>

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

12. Investments accounted for under the equity method

	December 31, 2021	December 31, 2020
Investments in associates	<u>\$ 11,753</u>	<u>\$ 16,607</u>

Associates consisted of the following:

Name of Associate	December 31, 2021		December 31, 2020	
	Carrying value	%	Carrying value	%
Morelink Technology Corporation	\$ 6,621	9.80%	\$ 9,559	9.80%
Foresight Energy Technology Co., Ltd.	5,132	15.84%	7,048	17.59%
Chengdu Chip-Rail Microelectronics Co., Ltd.	—	25.00%	—	25.00%
	<u>\$ 11,753</u>		<u>\$ 16,607</u>	

a. As of December 31, 2021, the Company's equity in Foresight Energy Technology Co., Ltd. and Morelink Technology Corporation were 15.84% and 9.80%, 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>2021</u>	<u>2020</u>
Unrecognized investment loss:		
Current year amount	\$ —	\$ —
Accumulatd amount	\$ 24,519	\$ 24,747

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

	<u>December 31,2021</u>	<u>December 31,2020</u>
Total assets	\$ 245,204	\$ 260,091
Total liabilities	\$ 245,631	\$ 222,481

	<u>2021</u>	<u>2020</u>
Net revenue	\$ 82,824	\$ 47,199
Net loss	\$ (79,239)	\$ (90,614)
The Company's share of other comprehensive income of associates	\$ —	\$ —

f.The investment loss for the years ended December 31, 2021 and 2020 were based on the investees' financial statements audited by the auditors for the same years.

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

13.Property, plant and equipment

	<u>Land</u>	<u>Buildings</u>	<u>Machinery and equipment</u>	<u>Transportation equipment</u>	<u>Furniture</u>	<u>Other equipment</u>	<u>Subtotal</u>
Cost :							
January 1,2021	\$ 133,228	\$ 343,640	\$ 2,331	\$ 12,200	\$ 10,468	\$ 86,355	\$ 588,222
Addition	—	3,751	—	—	1,047	20,843	25,641
Disposals	—	—	(150)	—	(702)	(22,386)	(23,238)
Exchange effect	—	(6,725)	—	(112)	(205)	(1,611)	(8,653)
December 31,2021	<u>\$ 133,228</u>	<u>\$ 340,666</u>	<u>\$ 2,181</u>	<u>\$ 12,088</u>	<u>\$ 10,608</u>	<u>\$ 83,201</u>	<u>\$ 581,972</u>
January 1,2020	\$ 133,228	\$ 356,251	\$ 751	\$ 9,093	\$ 10,500	\$ 90,746	\$ 600,569
Addition	—	—	1,580	3,656	662	31,778	37,676
Disposals	—	—	—	(481)	(407)	(33,934)	(34,822)
Exchange effect	—	(12,611)	—	(68)	(287)	(2,235)	(15,201)
December 31,2020	<u>\$ 133,228</u>	<u>\$ 343,640</u>	<u>\$ 2,331</u>	<u>\$ 12,200</u>	<u>\$ 10,468</u>	<u>\$ 86,355</u>	<u>\$ 588,222</u>
Accumulated depreciation :							
January 1,2021	\$ 6,201	\$ 80,241	\$ 768	\$ 6,652	\$ 6,822	\$ 43,531	\$ 144,215
Addition	—	10,081	543	1,982	1,413	30,078	44,097
Disposals	—	—	(150)	—	(697)	(22,386)	(23,233)
Exchange effect	—	(939)	—	(74)	(133)	(849)	(1,995)
December 31,2021	<u>\$ 6,201</u>	<u>\$ 89,383</u>	<u>\$ 1,161</u>	<u>\$ 8,560</u>	<u>\$ 7,405</u>	<u>\$ 50,374</u>	<u>\$ 163,084</u>
January 1,2020	\$ 6,201	\$ 71,584	\$ 292	\$ 6,233	\$ 6,353	\$ 46,697	\$ 137,360
Addition	—	10,151	476	914	981	31,799	44,321
Disposals	—	—	—	(433)	(366)	(33,933)	(34,732)
Exchange effect	—	(1,494)	—	(62)	(146)	(1,032)	(2,734)
December 31,2020	<u>\$ 6,201</u>	<u>\$ 80,241</u>	<u>\$ 768</u>	<u>\$ 6,652</u>	<u>\$ 6,822</u>	<u>\$ 43,531</u>	<u>\$ 144,215</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	1~3 years
Transportation equipment	4~5 years
Furniture	2~5 years
Other equipment	1~10 years

b. All the property, plant and equipment were pledged . Refer to Notes 19 and 32.

14. Lease arrangements

a. Right-of-use assets

	<u>December 31, 2021</u>	<u>December 31, 2020</u>	
<u>Carrying amounts</u>			
Land	\$ 7,712	\$ 9,103	
Buildings	<u>1,428</u>	<u>4,285</u>	
	<u>\$ 9,140</u>	<u>\$ 13,388</u>	
	<u>Land</u>	<u>Buildings</u>	<u>Subtotal</u>
Cost :			
January 1, 2021	\$ 9,500	\$ 5,713	\$ 15,213
Addition	—	—	—
Disposals and reclassification	(979)	—	(979)
Exchange effect	<u>(266)</u>	<u>—</u>	<u>(266)</u>
December 31, 2021	<u>\$ 8,255</u>	<u>\$ 5,713</u>	<u>\$ 13,968</u>
January 1, 2020	\$ 14,870	\$ 4,307	\$ 19,177
Addition	—	5,713	5,713
Disposals and reclassification	(4,625)	(4,307)	(8,932)
Exchange effect	<u>(745)</u>	<u>—</u>	<u>(745)</u>
December 31, 2020	<u>\$ 9,500</u>	<u>\$ 5,713</u>	<u>\$ 15,213</u>
Accumulated depreciation :			
January 1, 2021	\$ 397	\$ 1,428	\$ 1,825
Addition	179	2,857	3,036
Disposals	(21)	—	(21)
Exchange effect	<u>(12)</u>	<u>—</u>	<u>(12)</u>
December 31, 2021	<u>\$ 543</u>	<u>\$ 4,285</u>	<u>\$ 4,828</u>
January 1, 2020	\$ 319	\$ 2,871	\$ 3,190
Addition	201	2,864	3,065
Disposals	(100)	(4,307)	(4,407)
Exchange effect	<u>(23)</u>	<u>—</u>	<u>(23)</u>
December 31, 2020	<u>\$ 397</u>	<u>\$ 1,428</u>	<u>\$ 1,825</u>

b. Lease liabilities

	<u>December 31,2021</u>	<u>December 31,2020</u>
<u>Carrying amounts</u>		
Current	\$ 1,450	\$ 2,857
Non-current	—	1,450
	<u>\$ 1,450</u>	<u>\$ 4,307</u>

Ranges of discount rate for lease liabilities are as follows:

	<u>December 31,2021</u>	<u>December 31,2020</u>
Land	—	—
Buildings	<u>2.09%</u>	<u>2.09%</u>

c. 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.

d. 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.

e. Other lease information

	<u>December 31,2021</u>	<u>December 31,2020</u>
Expenses relating to low-value asset leases	\$ 2,401	\$ 2,728
Total cash outflow for leases	<u>\$ (5,258)</u>	<u>\$ (5,584)</u>

The Company applies the recognition exemption to leases of machinery and 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, 2021	\$ 269,323	\$ 4,625	\$ 273,948
Transfers from Right-of-use assets	—	979	979
Additional	—	—	—
Disposals and reclassification	—	—	—
Exchange effect	<u>(7,578)</u>	<u>(131)</u>	<u>(7,709)</u>
December 31,2021	<u>\$ 261,475</u>	<u>\$ 5,473</u>	<u>\$ 267,218</u>
January 1, 2020	\$ 283,532	\$ —	\$ 283,532
Transfers from Right-of-use assets	—	4,625	4,625
Additional	—	—	—
Disposals and reclassification	—	—	—
Exchange effect	<u>(14,209)</u>	<u>—</u>	<u>(14,209)</u>
December 31,2020	<u>\$ 269,323</u>	<u>\$ 4,625</u>	<u>\$ 273,948</u>

	<u>Buildings</u>	<u>Right-of-use assets</u>	<u>Subtotal</u>
Accumulated amortization and impairment :			
January 1, 2021	\$ 12,873	\$ 197	\$ 13,070
Transfers from Right-of-use assets	—	21	21
Depreciation	5,067	104	5,171
Disposals and reclassification	—	—	—
Exchange effect	(412)	(7)	(419)
December 31,2021	<u>\$ 17,528</u>	<u>\$ 315</u>	<u>\$ 17,843</u>
January 1, 2020	\$ 8,120	\$ —	\$ 8,120
Transfers from Right-of-use assets	—	100	100
Depreciation	5,345	100	5,445
Disposals and reclassification	—	—	—
Exchange effect	(592)	(3)	(595)
December 31,2020	<u>\$ 12,873</u>	<u>\$ 197</u>	<u>\$ 13,070</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>2021</u>	<u>2020</u>
Rental income from investment property	<u>\$ 8,287</u>	<u>\$ 4,424</u>
Direct operating expenses arising from the investment property that generated rental income during the period	<u>\$ 2,020</u>	<u>\$ 1,750</u>
Direct operating expenses arising from the investment property that did not generate rental income during the period	<u>\$ 3,047</u>	<u>\$ 3,595</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 not pledged.

16. Intangible Assets

	<u>Goodwill</u>	<u>Patents</u>	<u>Subtotal</u>
Cost :			
January 1, 2021	\$ 3,891	\$ 1,570	\$ 5,461
Additional	—	17	17
Disposals and Reclassification	—	—	—
Exchange effect	(31)	(17)	(48)
December 31,2021	<u>\$ 3,860</u>	<u>\$ 1,570</u>	<u>\$ 5,430</u>
January 1, 2020	\$ 3,825	\$ 1,527	\$ 5,352
Additional	—	17	17
Disposals and Reclassification	—	—	—
Exchange effect	66	26	92
December 31,2020	<u>\$ 3,891</u>	<u>\$ 1,570</u>	<u>\$ 5,461</u>

	<u>Goodwill</u>	<u>Patents</u>	<u>Subtotal</u>
Accumulated amortization and impairment :			
January 1, 2021	\$ —	\$ 1,184	\$ 1,184
Amortization expenses	—	137	137
Disposals and Reclassification	—	—	—
Exchange effect	—	(14)	(14)
December 31,2021	<u>\$ —</u>	<u>\$ 1,307</u>	<u>\$ 1,307</u>
January 1, 2020	\$ —	\$ 1,023	\$ 1,023
Amortization expenses	—	139	139
Disposals and Reclassification	—	—	—
Exchange effect	—	22	22
December 31,2020	<u>\$ —</u>	<u>\$ 1,184</u>	<u>\$ 1,184</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 31,2021</u>	<u>December 31,2020</u>
Capacity guarantee	\$ 220,240	\$ —
Rental deposit	927	2,787
Balance prepaid-machinery and equipment	20,907	—
Others	1,443	1,442
	<u>\$ 243,517</u>	<u>\$ 4,229</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.Other payables

	<u>December 31,2021</u>	<u>December 31,2020</u>
Salaries and wages payable	\$ 65,421	\$ 48,328
Service payable	3,289	3,832
Interest payable	508	1,322
Others	14,487	15,667
	<u>\$ 83,705</u>	<u>\$ 69,149</u>

19. Long-term loans

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
Secured loans	\$ 82,890	\$ 127,935
Less : Current portion	—	(127,935)
	<u>\$ 82,890</u>	<u>\$ —</u>
Interest rate	<u>1.38% ~ 1.48%</u>	<u>1.69% ~ 4.65%</u>
Expiration Year	<u>2023</u>	<u>2021</u>

a. The details of assets pledged as collateral for long-term loans are set in Notes 13 and 32.

b. Unused credit line as of December 31, 2021 and 2020, were amounted to NT\$202,890 thousand and NT\$120,000 thousand, respectively.

20. 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\$24,033 thousand and NT\$14,822 thousand in the consolidated statements of comprehensive income for the years ended December 31, 2021 and 2020, respectively. The net pension cost under the Labor Pension Act amounted to NT\$1,682 thousand and NT\$1,596 thousand were not paid as of December 31, 2021 and 2020, 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, 2021</u>	<u>December 31, 20120</u>
Present value of defined benefit obligation	\$ 74,078	\$ 76,682
Fair value of plan assets	(50,377)	(47,528)
Net defined benefit liability	<u>\$ 23,701</u>	<u>\$ 29,154</u>

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

	2021		
	Present value of defined benefit obligation	Fair value of plan assets	Net defined benefit liability
January 1, 2021	\$ 76,682	\$ (47,528)	\$ 29,154
Service cost			
Current service cost	288	—	288
Interest expense (income)	225	(141)	84
Recognized in profit or loss	513	(141)	372
Remeasurement			
Return on plan assets		(698)	(698)
Actuarial (gain) loss			
Changes in demographic assumptions	203	—	203
Changes in financial assumptions	(2,672)	—	(2,672)
Experience adjustments	(648)	—	(648)
Recognized in other comprehensive income	(3,117)	(698)	(3,815)
Contributions by plan participants	—	(2,010)	(2,010)
December 31, 2021	<u>\$ 74,078</u>	<u>\$ (50,377)</u>	<u>\$ 23,701</u>

	2020		
	Present value of defined benefit obligation	Fair value of plan assets	Net defined benefit liability
January 1, 2020	\$ 75,122	\$ (43,758)	\$ 31,364
Service cost			
Current service cost	349	—	349
Past service cost	(639)	—	(639)
Interest expense (income)	558	(328)	230
Recognized in profit or loss	268	(328)	(60)
Remeasurement			
Return on plan assets	—	(1,409)	(1,409)
Actuarial (gain) loss			
Changes in demographic assumptions	106	—	106
Changes in financial assumptions	3,271	—	3,271
Experience adjustments	(2,085)	—	(2,085)
Recognized in other comprehensive income	1,292	(1,409)	(117)
Contributions by plan participants	—	(2,033)	(2,033)
December 31, 2020	<u>\$ 76,682</u>	<u>\$ (47,528)</u>	<u>\$ 29,154</u>

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

	2021	2020
Cost of goods sold	\$ 15	\$ (3)
Marketing expenses	32	(5)
General and administrative expenses	123	(21)
Research and development expenses	202	(31)
	<u>\$ 372</u>	<u>\$ (60)</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:

	Measurement Date	
	December 31, 2021	December 31, 2020
Discount rate	0.70%	0.30%
Future salary increase rate	2.00%	2.00%
The weighted average duration of the defined benefit obligation	8 years.	9 years.

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:

	Measurement Date	
	December 31, 2021	December 31, 2020
Discount rate		
0.25% increase	\$ (1,620)	\$ (1,817)
0.25% decrease	\$ 1,674	\$ 1,882
Expected rate(s) of salary increase		
0.25% increase	\$ 1,648	\$ 1,845
0.25% decrease	\$ (1,603)	\$ (1,792)

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\$2,099 thousand to the defined benefit plans in the next year starting from December 31, 2021.

21. Guarantee deposits

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
Capacity guarantee	\$ 107,018	\$ —
Others	<u>3,316</u>	<u>2,154</u>
	<u>\$ 110,334</u>	<u>\$ 2,154</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.

22. Equity

a. Capital

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
Authorized shares (thousand shares)	<u>230,000</u>	<u>230,000</u>
Authorized	<u>\$ 2,300,000</u>	<u>\$ 2,300,000</u>
Issued and paid capital shares (thousand shares)	<u>180,943.7</u>	<u>180,943.7</u>
Issued	<u>\$ 1,809,437</u>	<u>\$ 1,809,437</u>

As of December 31, 2021 and 2020, 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, 2021</u>	<u>December 31, 2020</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	13,262	6,501
<u>May not be used for any purpose</u>		
Employee stock options	<u>4,592</u>	<u>4,592</u>
	<u>\$ 18,995</u>	<u>\$ 12,234</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 to 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 Company still had accumulated deficit to be offset as of December 31, 2021 and 2020, therefore the Company didn't disclose information about dividend per share.

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

	2021	2020
Balance, beginning of year	\$ (42,336)	\$ (22,416)
Foreign currency translation reserve	(13,236)	(24,900)
Income tax effect	2,647	4,980
Balance, end of year	<u>\$ (52,925)</u>	<u>\$ (42,336)</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

	2021	2020
Balance, beginning of year	\$ (44,292)	\$ (40,123)
Changes in unrealized gain (loss) on financial assets at FVTOCI	6,853	(4,169)
Cumulative unrealized gain of equity instruments transferred to retained earnings due to disposal	1,579	—
Balance, end of year	<u>\$ (35,860)</u>	<u>\$ (44,292)</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

	<u>2021</u>	<u>2020</u>
Balance, beginning of year	\$ 110,227	\$ 97,238
Share of noncontrolling interests:		
Net income	43,775	18,504
Other comprehensive income	(3,536)	(5,515)
Balance, end of year	<u>\$ 150,466</u>	<u>\$ 110,227</u>

23. Revenue

	<u>2021</u>	<u>2020</u>
Revenue from contracts with customers		
Net revenue from sale of goods	\$ 1,618,633	\$ 1,091,829
Net revenue from rendering of services	19,069	10,188
Balance, end of year	<u>\$ 1,637,702</u>	<u>\$ 1,102,017</u>

Relevant information of revenue from contracts with customers for the years ended December 31, 2021 and 2020 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 38. The disaggregation of revenue recognition point is as follows:

	<u>2021</u>	<u>2020</u>
Revenue recognition point:		
At a point in time	\$ 1,618,633	\$ 1,091,829
Satisfies the performance obligation over time	19,069	10,188
	<u>\$ 1,637,702</u>	<u>\$ 1,102,017</u>

b. Contract balances

	<u>2021</u>	<u>2020</u>
Contract liabilities - current		
Sales of goods	<u>\$ 6,596</u>	<u>\$ 1,140</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\$1,091 thousand and NT\$2,932 thousand for the years ended December 31, 2021 and 2020, respectively.

c. Transaction price allocated to unsatisfied performance obligations

As of December 31, 2021 and 2020, 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.

24. Additional information of expenses by nature

As of December 31, 2021 and 2020, the Company's employees numbered 313 and 305, respectively. There were 6 non-employee directors, for 2021 and 2020.

The Company's net loss includes the following items:

	2021			2020		
	As cost of goods sold	As operating expenses	Total	As cost of goods sold	As operating expenses	Total
Employment expenses						
Salaries	\$ 5,150	\$ 262,172	\$ 267,322	\$ 5,155	\$ 222,848	\$ 228,003
Insurance	615	14,827	15,442	572	14,000	14,572
Pension						
Defined contribution plans	274	23,759	24,033	272	14,550	14,822
Defined benefit plans	15	357	372	(3)	(57)	(60)
Remuneration of directors	—	1,974	1,974	—	1,855	1,855
Others	351	8,567	8,918	349	8,005	8,354
	<u>\$ 6,405</u>	<u>\$ 311,656</u>	<u>\$ 318,061</u>	<u>\$ 6,345</u>	<u>\$ 261,201</u>	<u>\$ 267,546</u>
Depreciation expenses	<u>\$ 835</u>	<u>\$ 51,469</u>	<u>\$ 52,304</u>	<u>\$ 782</u>	<u>\$ 52,049</u>	<u>\$ 52,831</u>
Amortization expenses	<u>\$ —</u>	<u>\$ 137</u>	<u>\$ 137</u>	<u>\$ —</u>	<u>\$ 139</u>	<u>\$ 139</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 still had accumulated deficit to be offset as of December 31, 2021 and 2020, therefore the Company didn't accrue any compensation expenses.

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.

25. Other income

	2021	2020
Interest income		
Bank deposits	\$ 1,926	\$ 3,279
Others	5	5
	<u>\$ 1,931</u>	<u>\$ 3,284</u>

26. Other gains and losses

	2021	2020
Other gains:		
Net gain on financial instruments at FVTPL	\$ 36,542	\$ 19,951
Cash dividend	—	1,022
Rent Income	10,437	5,379
Others	19,297	6,094
	<u>66,276</u>	<u>32,446</u>
Other losses:		
Loss on disposal of property, plant and equipment, net	(5)	(47)
Loss on disposal of investments, net	(176)	(124)
Net exchange loss	(8,300)	(14,044)
Others	(460)	(1,236)
	<u>(8,941)</u>	<u>(15,451)</u>
	<u>\$ 57,335</u>	<u>\$ 16,995</u>

27. Finance costs

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
Interest Expense:		
Bank deposits	\$ 1,698	\$ 4,528
Lease liabilities	<u>64</u>	<u>61</u>
	<u>\$ 1,762</u>	<u>\$ 4,589</u>

28. Income tax

a. Income tax expense consisted of the following

(a) Income tax expense recognized in profit or loss:

	<u>2021</u>	<u>2020</u>
Current income tax expense		
Current tax expense recognized for the current period	\$ 7,145	\$ 3,496
Income tax adjustments on prior years	<u>(5,230)</u>	<u>(698)</u>
	<u>1,915</u>	<u>2,798</u>
Deferred income tax expense		
Temporary differences	<u>1,566</u>	<u>1,384</u>
	<u>1,566</u>	<u>1,384</u>
Income tax expense recorded in profit or loss	<u>\$ 3,481</u>	<u>\$ 4,182</u>

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

	<u>2021</u>	<u>2020</u>
Deferred income tax expense		
Foreign currency translation reserve	\$ (2,647)	\$ (4,980)
Remeasurement of defined benefit plan	<u>763</u>	<u>23</u>
	<u>\$ (1,884)</u>	<u>\$ (4,957)</u>

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

	<u>2021</u>	<u>2020</u>
Expected income (loss) tax expenses (benefit) calculated using the statutory tax rate	\$ 51,221	\$ (4,251)
Additional income tax under the Alternative Minimum Tax Act	840	—
Tax adjustments of previous year	(5,230)	(698)
Permanent differences	(6,474)	(3,341)
Research and development tax credits	(9,407)	—
Tax loss carry forward	(2,885)	23,821
Loss recognized by equity method	(22,621)	(9,820)
Loss on decline in value of inventory	(1,577)	(1,531)
Loss on allowance for doubtful accounts	<u>(386)</u>	<u>2</u>
Income tax expenses recorded in profit or loss	<u>\$ 3,481</u>	<u>\$ 4,182</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 2019 and 2020 had been approved to apply preferential tax rate is 15%.

c. Current tax assets and liabilities

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
Current tax assets		
Income tax receivable	\$ <u>328</u>	\$ <u>—</u>
Current tax liabilities		
Income tax payable	\$ <u>—</u>	\$ <u>1,682</u>

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

Year Ended December 31, 2021	Balance, Beginning of Period	Recognized in			Exchange effect	Balance, End of Period
		Profit or Loss	Other Comprehensive Income			
Deferred income tax assets						
Loss on decline value of inventory	\$ 8,995	\$ (1,611)	\$ —	\$ (11)	\$ 7,373	
Actuarial gains and losses on defined benefit plan	691	—	(691)	—	—	
Unrealized intercompany profits	182	(37)			145	
Unrealized foreign exchange loss	1,016	(285)	—	—	731	
Foreign currency translation reserve	3,619	—	2,647	—	6,266	
Others	800	367	—	(6)	1,161	
Subtotal	<u>15,303</u>	<u>(1,566)</u>	<u>1,956</u>	<u>(17)</u>	<u>15,676</u>	
Deferred income tax liabilities						
Actuarial gains and losses on defined benefit plan	—	—	(72)	—	(72)	
Subtotal	<u>—</u>	<u>—</u>	<u>(72)</u>	<u>—</u>	<u>(72)</u>	
	<u>\$ 15,303</u>	<u>\$ (1,566)</u>	<u>\$ 1,884</u>	<u>\$ (17)</u>	<u>\$ 15,604</u>	
Year Ended December 31, 2020	Balance, Beginning of Period	Recognized in			Exchange effect	Balance, End of Period
		Profit or Loss	Other Comprehensive Income			
Deferred income tax assets						
Loss on decline value of inventory	\$ 9,382	\$ (405)	\$ —	\$ 18	\$ 8,995	
Actuarial gains and losses on defined benefit plan	714	—	(23)	—	691	
Unrealized intercompany profits	327	(145)			182	
Unrealized foreign exchange loss	1,803	(787)	—	—	1,016	
Foreign currency translation reserve	—	—	3,619	—	3,619	
Others	834	(47)	—	13	800	
Subtotal	<u>13,060</u>	<u>(1,384)</u>	<u>3,596</u>	<u>31</u>	<u>15,303</u>	
Deferred income tax liabilities						
Foreign currency translation reserve	(1,361)	—	1,361	—	—	
Subtotal	<u>(1,361)</u>	<u>—</u>	<u>1,361</u>	<u>—</u>	<u>—</u>	
	<u>\$ 11,699</u>	<u>\$ (1,384)</u>	<u>\$ 4,957</u>	<u>\$ 31</u>	<u>\$ 15,303</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, 2020.

Tax loss carry forward were as follows:

	Unused tax loss carry forward	Expiration date
PTC	\$ 280,391	December 31, 2031
Princeton Capital Corp.	29,636	December 31, 2030
Princeton Technology(Shenzhen) Ltd.	1,724	December 31, 2023
Princeton Technology(Chengdu) Corp.	109,399	December 31, 2030
	<u>\$ 421,150</u>	

f. Income tax examination

The tax authorities have examined income tax returns of PTC and Princeton Capital Corp. through 2019.

29. Earning per shares

	2021	2020
Basic EPS	\$ 0.63	\$ (0.42)

Net loss and weighted average number of common stocks used in the calculation of earnings per share were as follows:

	2021	2020
Net loss attributable to the parent	\$ 113,815	\$ (76,800)
Net income used to compute the basic earnings per share	<u>180,944</u>	<u>180,944</u>

30. Cash flow information

a. Non-cash transactions:

	2021	2020
Additions of property, plant and equipment	\$ 25,641	\$ 37,676
Changes in prepaid to contractors and equipment suppliers	20,907	(861)
Changes in payables to contractors and equipment suppliers	418	193
Payments for acquisition of property, plant and equipment	<u>\$ 46,966</u>	<u>\$ 37,008</u>

b. Reconciliation of liabilities arising from financing activities:

Year Ended December 31, 2021	Balance, Beginning of Period	Financing Cash Flow	Non-cash changes		Balance, End of Period
				Other Changes	
Lease liabilities	\$ 4,307	\$ (2,857)	\$ —		\$ 1,450
Long-term loans	127,935	(45,045)	—		82,890
Guarantee deposits	2,154	108,180	—		110,334
	<u>\$ 134,396</u>	<u>\$ 60,278</u>	<u>\$ —</u>		<u>\$ 194,674</u>
			Non-cash changes		
Year Ended December 31, 2021	Balance, Beginning of Period	Financing Cash Flow		Other Changes	Balance, End of Period
Lease liabilities	\$ 1,450	\$ (2,856)	\$ 5,713		\$ 4,307
Long-term loans	194,545	(66,610)	—		127,935
Guarantee deposits	1,177	977	—		2,154
	<u>\$ 197,172</u>	<u>\$ (68,489)</u>	<u>\$ 5,713</u>		<u>\$ 134,396</u>

31. 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

<u>Related Parties</u>	<u>Relationship</u>
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

	<u>2021</u>	<u>2020</u>
Associates	\$ <u>49</u>	\$ <u>170</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

	<u>Account</u>	<u>2021</u>	<u>2020</u>
Associates	Other revenue	\$ <u>531</u>	\$ <u>1,643</u>

d. Receivables

	<u>December 31, 2021</u>	<u>December 31, 2020</u>
Other receivables		
Associates	\$ <u>47</u>	\$ <u>144</u>

e. Others

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

	<u>2021</u>				<u>2020</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>
Morelink Technology Corporation	—	\$ —	—	—	500	\$ 5,000	9.34%	9.80%
Foresight Energy Technology Co., Ltd.	—	—	—	—	1,439	14,392	15.27%	17.59%
		<u>\$ —</u>				<u>\$ 19,392</u>		

f. Compensation of key management personnel

	<u>2021</u>	<u>2020</u>
Short-term employee benefits	\$ 10,135	\$ 9,832
Retirement benefits	215	215
	<u>\$ 10,350</u>	<u>\$ 10,047</u>

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.

32.Assets mortgaged or pledged

As of December 31, 2021 and 2020, the following assets had been pledged or mortgaged as collateral to bank loan, chengdu construction bureau supervision and government for purchase from oversea:

	<u>December 31,2021</u>	<u>December 31,2020</u>
Land	\$ 116,748	\$ 116,748
Buildings	42,766	44,544
Other financial assets-bank deposits	2,053	2,046
	<u>\$ 161,567</u>	<u>\$ 163,338</u>

33.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.As of December 31, 2021, the amounts of endorsements and guarantees (provided to each entity in the Group) was US\$6,000 thousand.
- 3.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.

34.Significant loss: None.

35.Subsequent events: None.

36.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.

37.Disclosure of financial instruments

a.Fair values of financial instruments :

	<u>December 31,2021</u>	<u>December 31,2020</u>
<u>Financial assets</u>		
FVTPL		
Mandatorily classified financial assets as at FVTPL	\$ 212,662	\$ 263,478
FVTOCI		
Equity instruments	9,416	23,367
Financial assets measured at amortized cost (Note 1)	1,172,612	881,176
	<u>\$ 1,394,690</u>	<u>\$ 1,168,021</u>
<u>Financial liabilities</u>		
Financial liabilities measured at amortized cost (Note 2)	\$ 444,418	\$ 308,681

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

Note 2:Including 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:

	December 31, 2021			
	Level 1	Level 2	Level 3	Total
<u>Financial assets at FVTPL</u>				
Financial products	\$ —	\$ 173,894	\$ —	\$ 173,894
Listed stocks	38,768	—	—	38,768
	<u>\$ 38,768</u>	<u>\$ 173,894</u>	<u>\$ —</u>	<u>\$ 212,662</u>
<u>Financial assets at FVTOCI</u>				
Listed stocks through private placement	\$ —	\$ —	\$ 3,986	\$ 3,986
Non-publicly traded stocks	—	—	5,430	5,430
	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 9,416</u>	<u>\$ 9,416</u>
December 31, 2020				
	Level 1	Level 2	Level 3	Total
<u>Financial assets at FVTPL</u>				
Mutual funds	\$ 98,603	\$ —	\$ —	\$ 98,603
Financial products	—	109,954	—	109,954
Listed stocks	54,921	—	—	54,921
	<u>\$ 153,524</u>	<u>\$ 109,954</u>	<u>\$ —</u>	<u>\$ 263,478</u>
<u>Financial assets at FVTOCI</u>				
Listed stocks through private placement	\$ —	\$ —	\$ 795	\$ 795
Non-publicly traded stocks	—	—	22,572	22,572
	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 23,367</u>	<u>\$ 23,367</u>

There were no transfers between Level 1 and 2 for the years ended December 31, 2021 and 2020.

(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.

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

	2021	2020
Financial assets at FVTOCI – Equity instruments		
Balance, beginning of period	\$ 23,367	\$ 27,536
Cumulative unrealized gain of equity instruments transferred to retained earnings due to disposal	(20,804)	—
Amount recognized in OCI	6,853	(4,169)
Balance, end of period	\$ 9,416	\$ 23,367

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

As of December 31, 2021:

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	3.46	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\$399 thousand
Stock	Assets Approach	Lack of marketability and Price-Book ratio of similar entities	1.37-68.98	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\$543 thousand

As of December 31, 2020:

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	0.69-140.12	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\$1,870 thousand
Stock	Assets Approach	Lack of marketability and Price-Book ratio of similar entities	1.38-21.14	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\$467 thousand

(f) Valuation process used for fair value measurements categorized within Level 3 of the fair value hierarchy

The Company's Financial Department is responsible for validating the fair value measurements and ensuring that the results of the valuation are in line with market

conditions, based on independent and reliable inputs which are consistent with other information, and represent exercisable prices. The Company analyses the movements in the values of assets and liabilities which are required to be re-measured or re-assessed as per the Company's accounting policies at each reporting date.

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, 2021		December 31, 2020	
	Foreign Currency (thousand)	Exchange Rate	Foreign Currency (thousand)	Exchange Rate
(Foreign currencies : functional currency)				
<u>Financial Assets</u>				
<u>Monetary items</u>				
USD : TWD	\$ 20,341	27.63	\$ 14,505	28.43
JPY : TWD	34,902	0.2385	27,849	0.2743
CNY : USD	163,999	0.1572	128,636	0.1540
HKD : TWD	58	3.519	342	3.643
EUR : TWD	502	31.12	266	34.82
<u>Non-monetary items</u>				
CNY : USD	\$ 159,208	0.1520	\$ 149,614	0.1519
<u>Investments accounted for under the equity method</u>				
USD : TWD	\$ 29,316	27.63	\$ 24,910	28.43
<u>Financial Liabilities</u>				
<u>Monetary items</u>				
USD : TWD	\$ 10,309	27.73	\$ 7,044	28.53
JPY : TWD	1,208	0.2425	1,157	0.2783
CNY : USD	30,783	0.1572	23,925	0.154
HKD : TWD	3	3.579	4	3.703

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 (loss) for the years ended December 31, 2021 and 2020 would have increased/decreased by NT\$8,796 thousand and NT\$6,883 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 (loss) for the years ended December 31, 2021 and 2020 would increase/decrease by NT\$43 thousand and NT\$147 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 (loss) for the years ended December 31, 2021 and 2020 to increase/decrease by NT\$1,938 thousand and NT\$7,676 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 37.

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 affects 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, 2021 and 2020, the Company's ten largest customers accounted for 80% and 68% 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, 2021					
	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)	\$ 167,489	—	—	—	\$ 167,489
Other payables	83,705	—	—	—	83,705
Lease liabilities	1,450	—	—	—	1,450
Long-term loans (including current portion)	—	82,890	—	—	82,890
	<u>\$ 252,644</u>	<u>\$ 82,890</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 335,534</u>
December 31, 2020					
	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)	\$ 109,443	—	—	—	\$ 109,443
Other payables	69,149	—	—	—	69,149
Lease liabilities	2,857	1,450	—	—	4,307
Long-term loans (including current portion)	127,935	—	—	—	127,935
	<u>\$ 309,384</u>	<u>\$ 1,450</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 310,834</u>

38. Other matters

Due to the impact of the COVID-19 pandemic which has evolved globally and currently in Taiwan, The Company's, customers and suppliers in some regions to implement quarantine and travel restrictions. The Company evaluated that there is no significant impact on the overall business operation and financial position of the Company. There are no doubts about the ability of the Company to going concern, assets impairment and financing risks.

39. Reclassifications

Certain 2020 accounts have been reclassified to conform to the 2021 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:

	2021	2020
POWER IC	\$ 642,997	\$ 412,290
Display IC	525,725	352,576
Multi-media IC	110,195	91,572
Motor Driver IC	103,619	75,731
RF IC	76,898	73,224
Others	159,199	86,436
Subtotal	1,618,633	1,091,829
Design revenue	19,069	10,188
	<u>\$ 1,637,702</u>	<u>\$ 1,102,017</u>

c. Operations in different geographic areas :

Area	2021		2020	
	Revenue	Noncurrent assets	Revenue	Noncurrent assets
Japan	\$ 414,603	\$ —	\$ 266,252	\$ —
Mainland China(including HK)	1,064,273	505,618	731,183	524,480
Taiwan	104,741	431,178	61,876	218,906
Korea	10,339	—	7,983	—
Other	43,746	—	34,723	—
	<u>\$ 1,637,702</u>	<u>\$ 936,796</u>	<u>\$ 1,102,017</u>	<u>\$ 743,386</u>

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

	2021		2020	
	Amount	Percentage of net sales	Amount	Percentage of net sales
C16	\$ 172,090	10.50	\$ 73,740	6.68
C20	161,275	9.84	122,465	11.10
C6	156,441	9.55	121,142	10.97
C3	131,329	8.02	115,737	10.49
	<u>\$ 621,135</u>	<u>37.91</u>	<u>\$ 433,084</u>	<u>39.24</u>

Table 1

Financial provided

For the year ended December 31, 2021

(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	RMB22,000	RMB22,000	—	4.85%	Note 2	—	Operating capital	—	—	—	146,216	182,771

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.

$$(NT\$ 365,541 \times 40\% = NT\$146,216)$$

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

$$(NT\$ 365,541 \times 50\% = NT\$182,771)$$

Table 2

Endorsement/guarantee provided

For the year ended December 31, 2021

(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.	825,490	USD14,000	USD 6,000	USD3,000	USD6,000	9.04%	898,867	Y	—	Y

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

$$(NT\$ 1,834,422 \times 45\% = NT\$825,490)$$

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

$$(NT\$ 1,834,422 \times 49\% = NT\$898,867)$$

Table 3

Marketable securities held

For the year ended December 31, 2021

(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, 2021			
					Shares	Carrying value	Percentage of ownership	Fair Value
Princeton Technology Corp.	Financial products	Asiavalue Principal Guaranteed Note	—	Financial assets at FVTPL	30,000	30,009	—	30,009
Princeton Technology Corp.	Common stock	Innorich Venture Capital Corp.	—	Financial assets at FVTOCI	1,500	5,430	—	5,430
Princeton Capital Corp.	Common stock	Advanced Microelectronic Products Inc.	—	Financial assets at FVTPL	222	2,720	—	2,720
Princeton Capital Corp.	Common stock	Unifosa Corporation	—	Financial assets at FVTPL	2,566	36,048	—	36,048
Princeton Capital Corp.	Common stock	Advanced Microelectronic Products Inc.	—	Financial assets at FVTOCI	1,152	3,986	—	3,986
Princeton Technology (Shenzhen) Ltd.	Financial products	Fubon Hua won the profit of wealth management products	—	Financial assets at FVTPL	21,000	91,693	—	91,693
Chengdu Chip-Rail Microelectronics Co., Ltd.	Financial products	Bank of Communications contains wealth-type structured deposits 29 day	—	Financial assets at FVTPL	3,000	13,030	—	13,030
Chengdu Chip-Rail Microelectronics Co., Ltd.	Financial products	Bank of Communications contains wealth-type structured deposits 22day	—	Financial assets at FVTPL	9,000	39,162	—	39,162

(concluded)

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 the year ended December 31, 2021.

(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			Ending balance	% to Total		
						Unit price	Payment terms				
Princeton Technology (Chengdu) Corp.	Equity-method investee of Princeton Silicon Inc.	Sales	208,023	24.01%	OA60days	—	—	Accounts receivable	54,025	28.57%	

Table 5

Significant intercompany transactions between consolidated entities

For the year ended December 31, 2021

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

Related Party	Counterparty	Relationship with the Company(Note1)	Transactions			
			Account	Amount	Terms	Percentage of consolidated operating revenues or consolidated total assets (Note 2)
Princeton Technology Corp.	Princeton Technology (Chengdu) Corp.	1	Sales	208,023	No significant difference	12.70%
Princeton Technology Corp.	Princeton Technology (Chengdu) Corp.	1	Purchase	12,736	No significant difference	0.78%
Princeton Technology Corp.	Princeton Technology (Chengdu) Corp.	1	Manufacturing expenses	14,903	No significant difference	0.91%
Princeton Technology Corp.	Princeton Technology (Shenzhen) Ltd.	1	Accounts receivable	54,025	No significant difference	2.19%
Princeton Technology Corp.	Princeton Technology (Shenzhen) Ltd.	1	Accounts payable	5,716	No significant difference	0.23%
Princeton Technology (Shenzhen) Ltd.	Princeton Technology (Chengdu) Corp.	2	Service incomes	25,732	No significant difference	1.57%
Princeton Technology (Shenzhen) Ltd.	Princeton Technology (Chengdu) Corp.	2	Accounts receivable	3,288	No significant difference	0.13%
Princeton Technology (Shenzhen) Ltd.	Princeton Technology (Chengdu) Corp.	2	Interest income	1,318	No significant difference	0.08%
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Sales	233	No significant difference	0.01%
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Purchase	6,985	No significant difference	0.43%
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Rental incomes	1,074	No significant difference	0.07%
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Other incomes	336	No significant difference	0.02%
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Other advances	252	No significant difference	0.01%
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Refundable deposits	207	No significant difference	0.01%
Princeton Technology (Chengdu) Corp.	Chengdu Chip-Rail Microelectronics Co., Ltd.	2	Other receivable	10	No significant difference	0.00%
Chengdu Chip-Rail Microelectronics Co., Ltd.	Princeton Technology (Chengdu) Corp.	2	Service incomes	955	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, 2021

(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, 2021			Net income(loss) of the investee	Equity in net income (net loss)
				Dec 31, 2021	Dec 31, 2020	Shares (in thousand)	Percentage of ownership	Carrying value		
Princeton Technology Corp.	Princeton Silicon Inc.	Hong Kong	Holding company	1,009,632	1,009,632	32,000	100.00%	808,380	115,040	115,062
Princeton Technology Corp.	Princeton Capital Corp.	Taiwan	Investment holding	150,000	150,000	15,000	100.00%	192,963	9,654	9,654
Princeton Technology Corp.	Microlink Communications Inc.	Taiwan	Wireless communications products research , manufacture and sales & marketing	80,000	80,000	8,000	25.00%	—	2,089	—
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	9.80%	6,621	(29,982)	(2,938)
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	5.38%	1,743	(50,166)	(2,945)
Princeton Capital Corp.	Foresight Energy Technology Co., LTD	Taiwan	Electronic components and battery manufacturing, Electric equipment wholesale, Electronic material wholesale and sales	26,145	26,145	2,614	10.46%	3,389	(50,166)	(5,732)
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	51.00%	RMB 39,079	RMB 20,587	RMB 10,499

Table 7

Investment in Mainland China

For the year ended December 31, 2021

(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, 2020	Investment flows		Accumulated outflow of investment from Taiwan as of December 31, 2021	Net income (loss) of the investee	% Ownership director or indirect investment	Investment gain(loss)	Carrying value as of December 31, 2021	Accumulated inward remittance of earnings as of December 31, 2021
					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)	58,450 (USD 2,094)	100%	58,392	365,541	—
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)	56,548 (USD 2,026)	100%	56,648	444,449	—
Accumulated investment in Mainland China as of December 31, 2021		Investment amounts authorized by Investment Commission, MOEA		Upper limit on investment defined by Investment Commission, MOEA(Note1)								
1,009,632(USD 32,000)		1,009,632(USD 32,000)		1,100,653								

Note1: Recognition of the upper limit was based on audited financial statement as of December 31, 2021. The limit was NT\$1,100,653 (NT\$1,834,422× 60% = NT\$1,100,653)

Table 8

Information on major shareholders

For the year ended December 31, 2020

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.