

Nuvoton Technology Corporation and Subsidiaries

**Consolidated Financial Statements for the
Years Ended December 31, 2017 and 2016 and
Independent Auditors' Report**

INDEPENDENT AUDITORS' REPORT

The Board of Directors and Shareholders
Nuvoton Technology Corporation

Opinion

We have audited the accompanying consolidated financial statements of Nuvoton Technology Corporation and its subsidiaries (the "Group"), which comprise the consolidated balance sheets as of December 31, 2017 and 2016, and the consolidated statements of comprehensive income, changes in equity and 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, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as of December 31, 2017 and 2016, 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 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 audit 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 Group 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, 2017. 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 of the Group's consolidated financial statements for the year ended December 31, 2017 are described below:

Impairment of Accounts Receivable

As of December 31, 2017, the carrying amount of the Group's notes and accounts receivable was \$743,264 thousand (net of the allowance for doubtful accounts of \$16,388 thousand); please refer to Notes 5 and 8. Since determining uncollectible amount of accounts receivable is subject to management's judgement, we focused on material and slow-collecting balances of accounts receivable to evaluate the rationale of impairment loss provisioned by management. Our audit procedures in response to impairment of accounts receivable consisted of the following:

1. Assessed the assumptions used by management in provisioning allowance for doubtful accounts, checked the calculation of ageing report used to support the impairment provision, analyzed and compared the ageing distribution, provision rates and actual write-off of doubtful accounts of current year with those of prior year to evaluate the reasonableness of the provision. Assessed the collectability of accounts receivable by checking cash collecting after balance sheet date.
2. Inspected the authorization of customer credit line and reviewed quarterly the transaction records of ledger book to ensure the validity of internal control of accounts receivable.

Valuation of Inventory

As of December 31, 2017, the carrying amount of the Group's inventories was \$1,634,318 thousand (net of inventory write-down of \$297,684 thousand); please refer to Notes 5 and 10. The accounting policy of provisioning impairment loss included obsolescent loss by reviewing monthly the ageing information contained net realization value of slow-moving inventory items estimated by management based on actual selling records, technology development and the physical quality of inventory. In addition, according to the requirements of IAS 2, inventory other than obsolescent items should be stated at lower of cost or net realization value, and evaluated and recognized appropriate devaluation loss. Our audit procedures in response to valuation of inventory consisted of the following:

1. Obtained and tested the ageing report of inventory, compared and analyzed the impairment loss of current year with prior year, selected samples of impairment sheet and inspected the latest selling prices with the sales ledger to assess the appropriateness of the inventory impairment provision policy of the Group.
2. Compared the year-end quantity of inventory items with the inventory count report to confirm the existence and completeness of inventory. Moreover by attending year-end inventory counting, we assessed the condition of inventory and evaluated the adequacy of inventory provision for obsolete and damaged goods.

Other Matter

We have also audited the parent company only financial statements of Nuvoton Technology Corporation as of and for the years ended December 31, 2017 and 2016 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 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, 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 Group'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 Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance (including members of the audit committee) are responsible for overseeing the Group'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 Group'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 Group'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 Group to cease to continue as a going concern.

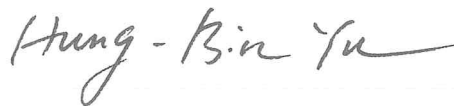
5. Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
6. Obtain sufficient and appropriate audit evidence regarding the financial information of the entities or business activities within the Group 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 statements 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, 2017 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.

The engagement partners on the audit resulting in this independent auditors' report are Hung-Bin Yu and Ker-Chang Wu.



Deloitte & Touche
Taipei, Taiwan
Republic of China

January 26, 2018

Notice to Readers

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

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

NUVOTON TECHNOLOGY CORPORATION AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS DECEMBER 31, 2017 AND 2016 (In Thousands of New Taiwan Dollars)

ASSETS	2017		2016	
	Amount	%	Amount	%
CURRENT ASSETS				
Cash and cash equivalents (Notes 4 and 6)	\$ 1,417,029	23	\$ 1,898,827	32
Financial assets at fair value through profit or loss, current (Notes 4 and 7)	1,710	-	-	-
Notes and accounts receivable, net (Notes 4 and 8)	743,264	12	769,488	13
Accounts receivable due from related parties, net (Notes 4 and 27)	51,114	1	57,063	1
Other receivables (Note 9)	376,245	6	256,603	4
Inventories (Notes 4 and 10)	1,634,318	26	1,178,437	20
Other current assets (Note 24)	<u>225,732</u>	<u>4</u>	<u>222,881</u>	<u>4</u>
Total current assets	<u>4,449,412</u>	<u>72</u>	<u>4,383,299</u>	<u>74</u>
NON-CURRENT ASSETS				
Available-for-sale financial assets, non-current (Notes 4 and 11)	289,789	5	146,913	3
Financial assets measured at cost, non-current (Notes 4 and 12)	301,493	5	305,493	5
Property, plant and equipment (Notes 4 and 13)	642,663	10	526,167	9
Investment properties (Notes 4 and 14)	56,278	1	61,673	1
Intangible assets (Notes 4 and 15)	203,612	3	257,940	4
Deferred income tax assets (Notes 4 and 20)	95,318	2	104,627	2
Refundable deposits (Note 6)	71,571	1	70,671	1
Other non-current assets (Note 24)	<u>38,696</u>	<u>1</u>	<u>41,498</u>	<u>1</u>
Total non-current assets	<u>1,699,420</u>	<u>28</u>	<u>1,514,982</u>	<u>26</u>
TOTAL	<u>\$ 6,148,832</u>	<u>100</u>	<u>\$ 5,898,281</u>	<u>100</u>
LIABILITIES AND EQUITY				
CURRENT LIABILITIES				
Financial liabilities at fair value through profit or loss, current (Notes 4 and 7)	\$ -	-	\$ 707	-
Accounts payable	934,901	15	906,542	15
Other payables (Notes 16 and 27)	874,942	14	917,461	16
Current tax liabilities (Notes 4 and 20)	88,934	2	16,558	-
Other current liabilities	<u>88,549</u>	<u>1</u>	<u>108,513</u>	<u>2</u>
Total current liabilities	<u>1,987,326</u>	<u>32</u>	<u>1,949,781</u>	<u>33</u>
NON-CURRENT LIABILITIES				
Products guarantee based on commitment (Note 4)	101,891	2	101,891	2
Accrued pension liabilities (Notes 4 and 17)	306,107	5	352,038	6
Other non-current liabilities	<u>90,547</u>	<u>1</u>	<u>116,097</u>	<u>2</u>
Total non-current liabilities	<u>498,545</u>	<u>8</u>	<u>570,026</u>	<u>10</u>
Total liabilities	<u>2,485,871</u>	<u>40</u>	<u>2,519,807</u>	<u>43</u>
EQUITY ATTRIBUTABLE TO OWNERS OF THE PARENT				
Common stock (Note 18)	2,075,544	34	2,075,544	35
Capital surplus				
Additional paid-in capital	63,485	1	63,485	1
Employee share options	13	-	13	-
Retained earnings				
Legal reserve	401,846	6	340,530	6
Unappropriated earnings	896,014	15	786,274	13
Exchange differences on translation of foreign operations (Note 4)	(165)	-	29,280	1
Unrealized gains (losses) on available-for-sale financial assets	<u>226,224</u>	<u>4</u>	<u>83,348</u>	<u>1</u>
Total equity	<u>3,662,961</u>	<u>60</u>	<u>3,378,474</u>	<u>57</u>
TOTAL	<u>\$ 6,148,832</u>	<u>100</u>	<u>\$ 5,898,281</u>	<u>100</u>

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

NUVOTON TECHNOLOGY CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016 (In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2017		2016	
	Amount	%	Amount	%
OPERATING REVENUE (Note 19)	\$ 9,235,382	100	\$ 8,329,286	100
OPERATING COST	<u>5,502,875</u>	<u>60</u>	<u>4,920,966</u>	<u>59</u>
GROSS PROFIT	<u>3,732,507</u>	<u>40</u>	<u>3,408,320</u>	<u>41</u>
OPERATING EXPENSES				
Selling expenses	223,903	3	232,213	3
General and administrative expenses	407,029	4	355,741	4
Research and development expenses	<u>2,388,012</u>	<u>26</u>	<u>2,215,524</u>	<u>26</u>
Total operating expenses	<u>3,018,944</u>	<u>33</u>	<u>2,803,478</u>	<u>33</u>
PROFIT FROM OPERATIONS	<u>713,563</u>	<u>7</u>	<u>604,842</u>	<u>8</u>
NON-OPERATING INCOME AND LOSSES				
Interest income	13,197	-	16,135	-
Dividend income	65,216	1	57,354	1
Other gains and losses	5,380	-	9,926	-
Gains (losses) on disposal of property, plant and equipment	638	-	(34)	-
Gains on disposal of investments	-	-	18,874	-
Foreign exchange gains (losses)	(3,894)	-	6,583	-
Gains (losses) on financial instruments at fair value through profit or loss	<u>5,331</u>	<u>-</u>	<u>(4,730)</u>	<u>-</u>
Total non-operating income and losses	<u>85,868</u>	<u>1</u>	<u>104,108</u>	<u>1</u>
PROFIT BEFORE INCOME TAX	799,431	8	708,950	9
INCOME TAX EXPENSE (Notes 4 and 20)	<u>(111,298)</u>	<u>(1)</u>	<u>(95,785)</u>	<u>(1)</u>
NET PROFIT	<u>688,133</u>	<u>7</u>	<u>613,165</u>	<u>8</u>
OTHER COMPREHENSIVE INCOME				
Items that will not be reclassified subsequently to profit or loss				
Remeasurement of defined benefit plans (Notes 4 and 17)	(18,946)	-	(34,045)	(1)

(Continued)

NUVOTON TECHNOLOGY CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016 (In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	<u>2017</u>		<u>2016</u>	
	<u>Amount</u>	<u>%</u>	<u>Amount</u>	<u>%</u>
Items that may be reclassified subsequently to profit or loss				
Exchange differences on translation of foreign operations	\$ (29,445)	-	\$ (32,197)	-
Unrealized gains (losses) on available-for-sale financial assets	<u>142,876</u>	<u>1</u>	<u>83,348</u>	<u>1</u>
Other comprehensive income (loss)	<u>94,485</u>	<u>1</u>	<u>17,106</u>	<u>-</u>
TOTAL COMPREHENSIVE INCOME	<u>\$ 782,618</u>	<u>8</u>	<u>\$ 630,271</u>	<u>8</u>
EARNINGS PER SHARE (Notes 4 and 22)				
From continuing operations				
Basic	<u>\$ 3.32</u>		<u>\$ 2.95</u>	
Diluted	<u>\$ 3.30</u>		<u>\$ 2.94</u>	

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

(Concluded)

NUVOTON TECHNOLOGY CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENT OF CHANGES IN EQUITY FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016 (In Thousands of New Taiwan Dollars)

	Equity Attributable to Owners of the Parent						Other Equity		
		Capital Surplus		Retained Earnings		Exchange Differences on Translation of Foreign Operations	Unrealized Gain (Loss) on Available-for-sale Financial Assets	Total Equity	
	Common Stock	Additional Paid-in Capital	Employee Share Options	Legal Reserve	Unappropriated Earnings				
BALANCE, JANUARY 1, 2016	\$ 2,075,544	\$ 63,485	\$ 13	\$ 293,628	\$ 627,654	\$ 61,477	\$ -	\$ 3,121,801	
Net profit in 2016	-	-	-	-	613,165	-	-	613,165	
Other comprehensive income in 2016	-	-	-	-	(34,045)	(32,197)	83,348	17,106	
Total comprehensive income (loss) in 2016	-	-	-	-	579,120	(32,197)	83,348	630,271	
Appropriation of 2015 earnings (Note 18)									
Legal reserve	-	-	-	46,902	(46,902)	-	-	-	
Cash dividends	-	-	-	-	(373,598)	-	-	(373,598)	
BALANCE, DECEMBER 31, 2016	2,075,544	63,485	13	340,530	786,274	29,280	83,348	3,378,474	
Net profit in 2017	-	-	-	-	688,133	-	-	688,133	
Other comprehensive income in 2017	-	-	-	-	(18,946)	(29,445)	142,876	94,485	
Total comprehensive income in 2017	-	-	-	-	669,187	(29,445)	142,876	782,618	
Appropriation of 2016 earnings (Note 18)									
Legal reserve	-	-	-	61,316	(61,316)	-	-	-	
Cash dividends	-	-	-	-	(498,131)	-	-	(498,131)	
BALANCE, DECEMBER 31, 2017	\$ 2,075,544	\$ 63,485	\$ 13	\$ 401,846	\$ 896,014	\$ (165)	\$ 226,224	\$ 3,662,961	

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

NUVOTON TECHNOLOGY CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016 (In Thousands of New Taiwan Dollars)

	2017	2016
CASH FLOWS FROM OPERATING ACTIVITIES		
Profit before income tax	\$ 799,431	\$ 708,950
Adjustments for:		
Depreciation expenses	155,125	148,754
Amortization expenses	88,233	86,704
(Reversal of) provision for allowance for doubtful accounts	66	(1,174)
Interest income	(13,197)	(16,135)
Dividend income	(65,216)	(57,354)
Net (gain) loss on fair value change of financial assets and liabilities designated as at fair value through profit or loss	(2,417)	(672)
(Gain) loss on disposal of property, plant and equipment	(638)	34
(Gain) loss on disposal of investments	-	(18,874)
Changes in operating assets and liabilities		
(Increase) decrease in notes and accounts receivable	26,579	(124,408)
(Increase) decrease in accounts receivable due from related parties	5,949	(671)
(Increase) decrease in other receivables	(132,070)	(19,470)
(Increase) decrease in inventories	(455,881)	(141,005)
(Increase) decrease in other current assets	(2,851)	(132,003)
(Increase) decrease in other non-current assets	2,802	2,245
Increase (decrease) in accounts payable	28,359	240,469
Increase (decrease) in other payables	(18,538)	67,603
Increase (decrease) in other current liabilities	(19,964)	65,627
Increase (decrease) on accrued pension liabilities	(64,877)	(62,742)
Increase (decrease) in other non-current liabilities	(13,233)	21,105
Cash generated from (used in) operations	317,662	766,983
Income tax paid	(23,466)	(102,664)
Interest received	19,478	11,477
Dividend received	65,216	57,354
Net cash generated from operating activities	<u>378,890</u>	<u>733,150</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Payments for intangible assets	(45,111)	(111,444)
Proceeds from sale of financial assets measured at cost	-	8,243
Proceeds from capital reduction of financial assets measured at cost	4,000	5,000
Net cash inflow from disposal of subsidiaries (Note 24)	-	14,702
Payments for property, plant and equipment	(291,937)	(176,189)
Proceeds from disposal of property, plant and equipment	915	539
(Increase) decrease in refundable deposits	(900)	(1,452)
Net cash used in investing activities	<u>(333,033)</u>	<u>(260,601)</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Cash dividends	<u>(498,131)</u>	<u>(373,598)</u>

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NUVOTON TECHNOLOGY CORPORATION AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016 (In Thousands of New Taiwan Dollars)

	2017	2016
EFFECTS OF EXCHANGE RATE CHANGES ON THE BALANCE OF CASH HELD IN FOREIGN CURRENCIES	\$ (29,524)	\$ (25,796)
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	(481,798)	73,155
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	<u>1,898,827</u>	<u>1,825,672</u>
CASH AND CASH EQUIVALENTS, END OF YEAR	<u>\$ 1,417,029</u>	<u>\$ 1,898,827</u>

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

(Concluded)

NUVOTON TECHNOLOGY CORPORATION AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016 (In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

1. GENERAL INFORMATION

Nuvoton Technology Corporation (the “Company”) was incorporated in the Republic of China (“ROC”) in April 2008 and commenced business in July 2008. The Company is engaged mainly in the researching, designing, developing, manufacturing, selling of Logic integrated circuits (“ICs”) and the manufacturing, testing and OEM of 6-inch wafer.

For the specialization and division of labors and the reinforcement of core competitive ability, the Company’s parent company, Winbond Electronics Corporation (WEC), spun off its Logic IC business into the Company on July 1, 2008 in accordance with the Business Mergers and Acquisitions Act and the Company commenced its business in July 2008. WEC held approximately 61% ownership interest in the Company as of December 31, 2017 and 2016.

The Company’s shares have been listed on the Taiwan Stock Exchange since September 27, 2010.

2. APPROVAL OF FINANCIAL STATEMENTS

The consolidated financial statements were approved by the Board of Directors and authorized for issue on January 26, 2018.

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

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

Rule No. 1050050021 and Rule No. 1050026834 issued by the FSC stipulated that starting January 1, 2017, the Group should apply the amendments to the Regulations Governing the Preparation of Financial Reports by Securities Issuers and the IFRSs issued by the IASB and endorsed by the FSC for application starting from 2017.

Except for the following, whenever applied, the initial application of the amendments to the Regulations Governing the Preparation of Financial Reports by Securities Issuers and the IFRSs endorsed and issued into effect by the FSC would not have any material impact on the Group’s accounting policies:

- 1) Amendment to IAS 36 “Recoverable Amount Disclosures for Non-financial Assets”

The amendments clarify that the recoverable amount of an asset or a cash-generating unit is disclosed only when an impairment loss on the asset has been recognized or reversed during the period. Furthermore, the discount rate used is disclosed if such fair value less costs of disposal is measured by using present value technique. The amendments should be applied retrospectively starting from January 1, 2017.

2) Annual Improvements to IFRSs 2011-2013 Cycle

The scope in IFRS 13 of the portfolio exception for measuring the fair value of financial assets and financial liabilities on a net basis was amended to clarify that it includes all contracts that are within the scope of, and accounted for in accordance with, IAS 39 or IFRS 9, even those contracts do not meet the definitions of financial assets or financial liabilities within IAS 32. When the amended IFRS 13 becomes effective in 2017, the Group will elect to measure the fair value of those contracts on a net basis retrospectively.

3) Amendments to the Regulations Governing the Preparation of Financial Reports by Securities Issuers

The amendments include additions of several accounting items and requirements for disclosures of impairment of non-financial assets as a consequence of the IFRSs endorsed and issued into effect by the FSC. In addition, as a result of the post implementation review of IFRSs in Taiwan, the amendments also include an emphasis on certain recognition and measurement considerations and add requirements for disclosures of related party transactions and goodwill.

The amendments stipulate that other companies or institutions of which the chairman of the board of directors or president serves as the chairman of the board of directors or the president of the Group, or is the spouse or second immediate family of the chairman of the board of directors or president of the Group, are deemed to have a substantive related party relationship, unless it can be demonstrated that no control, joint control, or significant influence exists. Furthermore, the amendments require the disclosure of the names of the related parties and the relationships with whom the Group has significant transactions. If the transaction amount or balance with a specific related party is 10% or more of the Group's respective total transaction amount or balance, such transactions should be separately disclosed by the name of each related party.

The amendments also require additional disclosure if there is a significant difference between the actual operation conditions after a business combination and the expected benefits at the acquisition date.

When the amendments are applied retrospectively from January 1, 2017, the disclosures of related party transactions is enhanced. Refer to Note 27 for the related disclosures.

b. The Regulations Governing the Preparation of Financial Reports by Securities Issuers and the IFRSs endorsed by the FSC for application starting from 2018

New IFRSs	Effective Date Announced by IASB (Note 1)
Annual Improvements to IFRSs 2014-2016 Cycle	Note 2
Amendments to IFRS 2 "Classification and Measurement of Share-based Payment Transactions"	January 1, 2018
Amendments to IFRS 4 "Applying IFRS 9 Financial Instruments with IFRS 4 Insurance Contracts"	January 1, 2018
IFRS 9 "Financial Instruments"	January 1, 2018
Amendments to IFRS 9 and IFRS 7 "Mandatory Effective Date of IFRS 9 and Transition Disclosures"	January 1, 2018
IFRS 15 "Revenue from Contracts with Customers"	January 1, 2018
Amendments to IFRS 15 "Clarifications to IFRS 15 Revenue from Contracts with Customers"	January 1, 2018
Amendment to IAS 7 "Disclosure Initiative"	January 1, 2017

(Continued)

New IFRSs	Effective Date Announced by IASB (Note 1)
Amendments to IAS 12 “Recognition of Deferred Tax Assets for Unrealized Losses”	January 1, 2017
Amendments to IAS 40 “Transfers of Investment Property”	January 1, 2018
IFRIC 22 “Foreign Currency Transactions and Advance Consideration”	January 1, 2018

(Concluded)

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 amendment to IFRS 12 is retrospectively applied for annual periods beginning on or after January 1, 2017; the amendment to IAS 28 is retrospectively applied for annual periods beginning on or after January 1, 2018.

1) IFRS 9 “Financial Instruments” and related amendments

Classification, measurement and impairment of financial assets

With regard to financial assets, all recognized financial assets that are within the scope of IAS 39 “Financial Instruments: Recognition and Measurement” are subsequently measured at amortized cost or fair value. Under IFRS 9, the requirement for the classification of financial assets is stated below.

For the debt instruments invested by the Group that have contractual cash flows that are solely payments of principal and interest on the principal amount outstanding, their classification and measurement are as follows:

- a) For debt instruments, if they are held within a business model whose objective is to collect contractual cash flows, the financial assets are measured at amortized cost and are assessed for impairment continuously with any impairment loss recognized in profit or loss. Interest revenue is recognized in profit or loss by using the effective interest method;
- b) For debt instruments, if they are held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets, the financial assets are measured at fair value through other comprehensive income (FVTOCI) and are assessed for impairment. Interest revenue is recognized in profit or loss by using the effective interest method, and other gains or losses shall be recognized in other comprehensive income, except for impairment gains or losses and foreign exchange gains and losses. When the debt instruments are derecognized or reclassified, the cumulative gain or loss previously recognized in other comprehensive income is reclassified from equity to profit or loss.

The other financial assets which do not meet aforementioned criteria should be measured at fair value through profit or loss. However, the Group may irrevocably designate an investment in equity instruments that is not held for trading as measured at fair value through other comprehensive income. All relevant gains and losses shall be recognized in other comprehensive income, except for dividends which are recognized in profit or loss. No subsequent impairment assessment is required, and the cumulative gain or loss previously recognized in other comprehensive income cannot be reclassified from equity to profit or loss.

IFRS 9 requires impairment loss on financial assets to be recognized by using the “Expected Credit Losses Model”. A loss allowance for expected credit losses should be recognized on financial assets measured at amortized cost. If the credit risk on a financial instrument has not increased significantly since initial recognition, the Group should measure the loss allowance for that financial instrument at an amount equal to 12-month expected credit losses. If the credit risk on a financial instrument has increased significantly since initial recognition and is not deemed to be a low credit risk the Group should measure the loss allowance for that financial instrument at an amount equal to the lifetime expected credit losses. The Group should always measure the loss allowance at an amount equal to lifetime expected credit losses for trade receivables that do not constitute a financing transaction.

For purchased or originated credit-impaired financial assets, the Group takes into account the expected credit losses on initial recognition in calculating the credit-adjusted effective interest rate. Subsequently, any changes in expected losses are recognized as a loss allowance with a corresponding gain or loss recognized in profit or loss.

The Group has performed a preliminary assessment in which it will apply the simplified approach to recognize lifetime expected credit losses for trade receivables. In general, the Group anticipates that the application of the expected credit losses model of IFRS 9 will result in an earlier recognition of credit losses for financial assets.

The Group elects not to restate prior reporting periods when applying the requirements for the classification, measurement and impairment of financial assets under IFRS 9 with the cumulative effect of the initial application recognized at the date of initial application and will provide the disclosures related to the classification and the adjustment information.

The anticipated impact on assets, liabilities and equity of application on January 1, 2018 is detailed below:

	Carrying Amount as of December 31, 2017	Adjustments Arising from Initial Application	Carrying Amount as of January 1, 2018
<u>Impact on assets, liabilities and equity</u>			
Financial assets at fair value through profit or loss - current	\$ -	\$ 744,793	\$ 744,793
Available-for-sale financial assets - non-current	289,789	(289,789)	-
Financial assets measured at cost - non-current	<u>301,493</u>	<u>(301,493)</u>	<u>-</u>
Total effect on assets	<u>\$ 591,282</u>	<u>\$ 153,511</u>	<u>\$ 744,793</u>
Retained earnings	\$ 1,297,860	\$ 493	\$ 1,298,353
Other equity	<u>226,224</u>	<u>153,018</u>	<u>379,242</u>
Total effect on equity	<u>\$ 1,524,084</u>	<u>\$ 153,511</u>	<u>\$ 1,677,595</u>

2) IFRS 15 “Revenue from Contracts with Customers” and related amendments

IFRS 15 establishes principles for recognizing revenue that apply to all contracts with customers, and will supersede IAS 18 “Revenue”, IAS 11 “Construction Contracts” and a number of revenue-related interpretations. When applying IFRS 15, the Group shall recognize revenue by applying the following steps:

- Identify the contract with the customer;
- Identify the performance obligations in the contract;
- Determine the transaction price;
- Allocate the transaction price to the performance obligations in the contract; and
- Recognize revenue when the entity satisfies a performance obligation.

3) IFRIC 22 “Foreign Currency Transactions and Advance Consideration”

IAS 21 stipulated that a foreign currency transaction shall be recorded on initial recognition in the functional currency by applying to the foreign currency amount the spot exchange rate between the functional currency and the foreign currency at the date of the transaction. IFRIC 22 further explains that the date of the transaction is the date on which an entity recognizes a non-monetary asset or non-monetary liability from payment or receipt of advance consideration. If there are multiple payments or receipts in advance, the entity shall determine the date of the transaction for each payment or receipt of advance consideration. The Group will apply IFRIC 22 prospectively to all assets, expenses and income recognized on or after January 1, 2018 within the scope of the interpretation.

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

c. New IFRSs in issue but not yet endorsed by the FSC

New IFRSs	Effective Date Announced by IASB (Note 1)
Annual Improvements to IFRSs 2015-2017 Cycle	January 1, 2019
Amendments to IFRS 9 “Prepayment Features with Negative Compensation”	January 1, 2019 (Note 2)
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 (Note 3)
IFRS 16 “Leases”	January 1, 2019 (Note 4)
IFRS 17 “Insurance Contracts”	January 1, 2021
Amendments to IAS 28 “Long-term Interests in Associates and Joint Ventures”	January 1, 2019
IFRIC 23 “Uncertainty Over Income Tax Treatments”	January 1, 2019

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 FSC permits the election for early adoption of the amendments starting from 2018.

Note 3: To avoid adoption of two amendments to IAS 28 in a short period, IASB decided to postpone the effective dates of the amendments to IFRS 10 and IAS 28 announced in September 2014. The effective dates of the amendments will be announced after the IASB has concluded its studies about the equity method.

Note 4: On December 19, 2017, the FSC announced that IFRS 16 will take effect starting from January 1, 2019.

1) IFRS 16 “Leases”

IFRS 16 sets out the accounting standards for leases that will supersede IAS 17 and a number of related interpretations.

Under IFRS 16, if the Group is a lessee, it shall recognize right-of-use assets and lease liabilities for all leases on the balance sheets except for low-value and short-term leases. The Group may elect to apply the accounting method similar to the accounting for operating lease under IAS 17 to the low-value and short-term leases. On the statements of comprehensive income, the Group should present the depreciation expense charged on the right-of-use asset separately from interest expense accrued on the lease liability; interest is computed by using effective interest method. On the statements of cash flows, cash payments for the principal portion of the lease liability are classified within financing activities; cash payments for interest portion are classified within operating activities. The application of IFRS 16 is not expected to have a material impact on the accounting of the Group as lessor.

When IFRS 16 becomes effective, the Group may elect to apply this Standard either retrospectively to each prior reporting period presented or retrospectively with the cumulative effect of the initial application of this Standard recognized at the date of initial application.

2) IFRIC 23 “Uncertainty Over Income Tax Treatments”

IFRIC 23 clarifies that when there is uncertainty over income tax treatments, the Group should assume that the taxation authority will have full knowledge of all related information when making related examinations. If the Group concludes that it is probable that the taxation authority will accept an uncertain tax treatment, the Group should determine the taxable profit, tax bases, unused tax losses, unused tax credits or tax rates consistently with the tax treatments used or planned to be used in its income tax filings. If it is not probable that the taxation authority will accept an uncertain tax treatment, the Group should make estimates using either the most likely amount or the expected value of the tax treatment, depending on which method the entity expects to better predict the resolution of the uncertainty. The Group has to reassess its judgments and estimates if facts and circumstances change.

On initial application, the Group shall apply IFRIC 23 either retrospectively to each prior reporting period presented, if this is possible without the use of hindsight, or retrospectively with the cumulative effect of the initial application of IFRIC 23 recognized at the date of initial application.

3) Amendments to IFRS 9 “Prepayment Features with Negative Compensation”

IFRS 9 stipulated that if a contractual term of a financial asset permits the issuer (i.e. the debtor) to prepay a debt instrument or permits the holder (i.e. the creditor) to put a debt instrument back to the issuer before maturity and the prepayment amount substantially represents unpaid amounts of principal and interest on the principal amount outstanding, which may include reasonable compensation for early termination, the financial asset has contractual cash flows that are solely payments of principal and interest on the principal amount outstanding. The amendments further explained that reasonable compensation may be paid or received by either of the parties, i.e. a party may receive reasonable compensation when it chooses to terminate the contract early.

When the amendments become effective, the Group shall apply the amendments retrospectively. However, the Group may elect to recognize the cumulative effect of the initial application of the amendments in the opening carrying amount at the date of initial application, or to restate prior periods if, and only if, it is possible without the use of hindsight.

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

4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Statement of Compliance

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

Basis of Preparation

The consolidated financial statements have been prepared on the historical cost basis except for financial instruments that are measured at fair values. Historical cost is generally based on the fair value of the consideration given in exchange for assets.

Basis of Consolidation

The consolidated financial statements incorporate the financial statements of the Company and the entities controlled by the Company. 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 upon consolidation.

Subsidiary included in consolidated financial statements:

Investor	Investee	Main Business	% of Ownership December 31	
			2017	2016
The Company	Nuvoton Electronics Technology (H.K.) Limited ("NTHK")	Sales of semiconductor	100	100
	Pigeon Creek Holding Co., Ltd. ("PCH")	Investment holding	100	100
	Marketplace Management Limited ("MML")	Investment holding	100	100
	Nuvoton Investment Holding Ltd. ("NIH")	Investment holding	100	100
	Song Yong Investment Corporation ("SYI")	Investment holding	100	100
	Nuvoton Technology India Private Limited ("NTIPL")	Design, sales and after-sales service of semiconductor	100	100
	Techdesign Corporation (Note)	Electronic commerce and product marketing	-	-
NTHK	Nuvoton Electronics Technology (Shenzhen) Limited ("NTSZ")	Computer software service (except I.C. design), wholesale business for computer, supplement and software	100	100
PCH	Nuvoton Technology Corporation America ("NTCA")	Design, sales and after-sales service of semiconductor	100	100
MML	Goldbond LLC ("GLLC")	Investment holding	100	100
GLLC	Nuvoton Electronics Technology (Shanghai) Limited ("NTSH")	Provides projects for sale in China and repairing, testing and consulting of software	100	100
	Winbond Electronics (Nanjing) Ltd. ("WENJ")	Computer software service (except I.C. design)	100	100
NIH	Nuvoton Technology Israel Ltd. ("NTIL")	Design and service of semiconductor	100	100

Note: On May 18, 2016, the Company sold 100% of the shares of Techdesign Corporation to related party, WEC and completed the disposal procedure; please refer to Note 23.

Classification of Current and Non-current Assets and Liabilities

Current assets include cash and cash equivalents and those assets held primarily for trading purposes or to be realized, sold or consumed within twelve months after the reporting period, unless the asset is restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period. Current liabilities are obligations incurred for trading purposes or to be settled within twelve months after the reporting period and liabilities that the Group does not have an unconditional right to defer settlement for at least twelve months after the reporting period. Except as otherwise mentioned, assets and liabilities that are not classified as current are classified as non-current.

Foreign Currencies

The consolidated financial statements are presented in the Company's functional currency, New Taiwan dollars.

In preparing the financial statements of each individual group entity, transactions in currencies other than the entity's foreign currency 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. Exchange differences on monetary items arising from settlement are recognized in profit or loss in the period they arise.

Exchange differences arising on the retranslation of non-monetary items measured at fair value are included in profit or loss for the period at the rates prevailing at the end of reporting period except for exchange differences arising from the retranslation of non-monetary items in respect of which gains and losses are recognized directly in other comprehensive income, in which case, the exchange differences are also recognized directly in other comprehensive income.

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

For the purposes of presenting consolidated financial statements, the assets and liabilities of the Group's foreign operations are translated into New Taiwan dollars 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, and exchange differences arising are recognized in other comprehensive income.

Cash Equivalents

Cash equivalents consist of highly liquid investments that are readily convertible to a known amount of cash and which are subject to an insignificant risk of changes in value.

Financial Instruments

a. Financial assets

All regular way purchases or sales of financial assets are recognized and derecognized on a trade date basis, except derivative financial assets which are recognized and derecognized on settlement date basis.

The categories of financial assets held by the Group are summarized as below:

1) Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. Loans and receivables including cash and cash equivalent, notes and accounts receivable, account receivable due from related parties, other receivables and refundable deposits are measured at amortized cost using the effective interest method, less any impairment, except for short-term receivable when the effect of discounting is immaterial.

2) Financial assets at fair value through profit or loss

Financial assets are classified as at fair value through profit or loss when the financial assets are either held for trading or designated as at fair value through profit or loss. Financial assets at fair value through profit or loss are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss.

3) Available-for-sale financial assets

Available-for-sale financial assets are non-derivative financial assets that are either designated as available-for-sale or are not classified as loans and receivables, held-to-maturity investments or financial assets at fair value through profit or loss.

Available-for-sale financial assets are measured at fair value. Dividends on available-for-sale equity instruments are recognized in profit or loss when the Group's right to receive the dividends is established. Other changes in the carrying amount of available-for-sale financial assets are recognized in other comprehensive income and will be reclassified to profit or loss when the investment is disposed of or is determined to be impaired.

Available-for-sale equity investments that do not have a quoted market price in an active market and whose fair value cannot be reliably measured and derivatives that are linked to and must be settled by delivery of such unquoted equity investments are measured at cost less any identified impairment loss at the end of each reporting period and are presented in a separate line item as financial assets carried at cost. If, in a subsequent period, the fair value of the financial assets can be reliably measured, the financial assets are remeasured at fair value. The difference between carrying amount and fair value is recognized in other comprehensive income on financial assets. Any impairment losses are recognized in profit and loss.

b. Impairment of financial assets

Financial assets, other than those at fair value through profit or loss, are assessed for indicators of impairment at the end of each reporting period. Financial assets are considered to be impaired when there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the financial asset, the estimated future cash flows of the investment have been affected.

The objective evidence of impairment for trade receivables could include the Group's past experience of collecting payments, the delayed payments in past period, the information which correlates with default on receivables, as well as the estimation of future cash flows. The amount of the impairment loss recognized is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the financial asset's original effective interest rate. If, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognized, the previously recognized impairment loss is reversed through profit or loss to the extent that the carrying amount of the investment at the date the impairment is reversed does not exceed what the amortized cost would have been had the impairment not been recognized.

For available-for-sale equity investments, a significant or prolonged decline in the fair value of the security below its cost is considered to be evidence of impairment. When an available-for-sale financial asset is considered to be impaired, cumulative gains or losses previously recognized in other comprehensive income are reclassified to profit or loss in the period.

In respect of available-for-sale equity securities, increase in fair value subsequent to an impairment loss previously recognized in profit or loss is recognized in other comprehensive income. In respect of available-for-sale debt securities, the impairment loss is subsequently reversed through profit or loss if an increase in the fair value of the investment can be objectively related to an event occurring after the recognition of the impairment loss.

For financial assets that are carried at cost, the amount of the impairment loss is measured as the difference between the asset's carrying amount and the present value of the estimated future cash flows discounted at the financial asset's original effective interest rate. Such impairment loss will not be reversed in subsequent periods.

The carrying amount of the financial asset is reduced by the impairment loss directly for all financial assets with the exception of trade receivables where the carrying amount is reduced through the use of an allowance account. When accounts receivable are considered uncollectible, the amount is written off against the allowance account. Subsequent recoveries of amounts previously written off are credited against the allowance account. Changes in the carrying amount of the allowance account are recognized in profit or loss.

c. Derecognition of financial assets

The Group 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 party.

On derecognition of a financial asset in its entirety, the difference between the asset's carrying amount and the sum of the consideration received and receivable and the cumulative gain or loss that had been recognized in other comprehensive income and accumulated in equity is recognized in profit or loss.

d. Financial liabilities

Financial liabilities are classified as at fair value through profit or loss when the financial liability is either held for trading or it is designated as at fair value through profit or loss. Financial liabilities at fair value through profit or loss are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss.

Financial liabilities are measured at amortized cost using the effective interest method, except financial liabilities at fair value through profit or loss.

e. Derecognition of financial liabilities

The Group derecognizes financial liabilities when, and only when, the Group'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.

f. Derivative financial instruments

The Group enters into derivative financial instruments to manage its exposure to foreign exchange rate risks, including foreign exchange forward contracts.

Derivatives are initially recognized at fair value at the date the derivative contracts are entered into and are subsequently remeasured to their fair value at the end of each reporting period. The resulting gain or loss is recognized in profit or loss immediately unless the derivative is designated and effective as a hedging instrument, in which event the timing of the recognition in profit or loss depends on the nature of the hedge relationship. When the fair value of derivative financial instruments is positive, the derivative is recognized as a financial asset; when the fair value of derivative financial instruments is negative, the derivative is recognized as a financial liability.

Inventories

Inventories consist of raw materials, supplies, finished goods and work-in-process. The cost of raw materials and supplies are recognized using moving average method and finished goods and work-in-process are recorded at standard cost and adjusted to approximate weighted-average cost at the end of the reporting period. Inventories are stated at the lower of cost or net realizable value, and evaluated and recognized appropriate allowance for devaluation based on the amount of inventories and sales situation. Inventory write-downs are made by item, except where it may be appropriate to group similar or related items. Net realizable value is the estimated selling price of inventories less all estimated costs of completion and costs necessary to make the sale.

Property, Plant and Equipment

Property, plant and equipment are stated at cost less recognized accumulated depreciation and accumulated impairment loss.

Property, plant and equipment in the course of construction are carried at cost, less any recognized impairment loss. Cost includes professional fees and borrowing costs eligible for capitalization. Such assets are depreciated and classified to the appropriate categories of property, plant and equipment when completed and ready for intended use.

Depreciation is recognized using the straight-line method over the following estimated useful life after considering residual values: buildings 8-20 years, machinery and equipment 3-5 years and other equipment 5 years. 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 estimate 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.

Investment Properties

Investment properties are properties held to earn rentals and/or for capital appreciation. Investment properties are measured initially at cost. Subsequent to initial recognition, investment properties are measured at cost less accumulated depreciation and accumulated impairment loss, and depreciated 20 years useful life after considering residual values, using the straight-line method. Any gain or loss arising on derecognition of the property is calculated as the difference between the net disposal proceeds and the carrying amount of the asset and is included in profit or loss in the period in which the property is derecognized.

Intangible Assets

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 using the straight-line method over the following estimated useful life of the assets: Deferred technical assets - economic life or contract period and other intangible assets 3-5 years. 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 estimate accounted for on a prospective basis.

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

Impairment of Tangible and Intangible Assets

At the end of each reporting period, the Group 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. 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 is subsequently reversed, the reversed carrying amount does not exceed the carrying amount (reduce amortization or depreciation) that would have been determined had no impairment loss been recognized on the asset or cash-generating unit in prior years. A reversal of an impairment loss is recognized immediately in profit or loss.

Products Guarantee Based on Commitment

The Group would estimate guarantee provision by the appropriate ratio when the related product sold.

Revenue Recognition

Revenue is measured at the fair value of the consideration received or receivable. Revenue is reduced for estimated customer returns, rebates and other similar allowances. Revenue from the sale of goods is recognized when all the following conditions are satisfied:

- a. The Group has transferred to the buyer the significant risks and rewards of ownership of the goods;
- b. The Group retains neither continuing managerial involvement to the degree usually associated with ownership nor effective control over the goods sold;
- c. The amount of revenue can be measured reliably;
- d. It is probable that the economic benefits associated with the transaction will flow to the Group; and
- e. The costs incurred or to be incurred in respect of the transaction can be measured reliably.
- f. Service income is recognized when services are provided.

Leasing

The lease terms of the Group does not transfer substantially all the risks and rewards of ownership to the lessee. All the leases are classified as operating lease. Rental income from operating lease is recognized on a straight-line basis over the term of the relevant lease. As lessee, operating lease payments are recognized as an expense on a straight-line basis over the lease period. Under operating lease, contingent rents payable arising are recognized as an expense in the period in which they are incurred.

Employee Benefits

- a. 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.

b. 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 remeasurement) under the defined benefit retirement benefit plans are determined using the projected unit credit method. Service cost and net interest on the net defined benefit liability are recognized as employee benefits expense in the period they occur. Remeasurement, 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. Remeasurement recognized in other comprehensive income is reflected immediately in retained earnings and will not be reclassified to profit or loss.

Net defined benefit liability represents the actual deficit in the Group'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.

Taxation

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

a. Current tax

According to the Income Tax Law, an additional tax at 10% of unappropriated earnings is provided for as income tax in the year the shareholders approve to retain the earnings. Adjustments of prior years' tax liabilities are added to or deducted from the current year's tax provision.

b. 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 and it is also reviewed at the end of each reporting period and recognized to the extent that it has become probable that future taxable profit.

Deferred tax assets arising from deductible temporary differences associated with investments in subsidiaries 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.

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 Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

5. CRITICAL ACCOUNTING JUDGMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

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

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the revision affects only that period or in the period of the revision and future periods if the revision affects both current and future periods.

The Group's critical accounting judgments and key sources of estimation uncertainty are described below:

a. Valuation of inventory

Net realizable value of inventory is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale. The estimation of net realizable value is based on current market conditions and the historical experience from selling products of a similar nature. Changes in market conditions may have a material impact on the estimation of net realizable value.

b. Impairment of accounts receivable

Objective evidence of impairment used in evaluating impairment loss includes estimated future cash flows. The amount of impairment loss recognized is the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the financial asset's original effective interest rate. If the future cash flows are lower than expected, significant impairment loss may be recognized.

6. CASH AND CASH EQUIVALENTS

	December 31	
	2017	2016
Cash and cash in bank	\$ 1,372,679	\$ 1,771,527
Repurchase agreements collateralized by bonds	<u>44,350</u>	<u>127,300</u>
	<u>\$ 1,417,029</u>	<u>\$ 1,898,827</u>

- a. The Group has time deposits pledged to secure land lease and customs tariff obligation which are reclassified as "refundable deposits":

	December 31	
	2017	2016
Time deposits	<u>\$ 62,213</u>	<u>\$ 61,854</u>

- b. The Group has time deposits which are not held for the purpose of meeting short-term cash commitments and are reclassified to "other receivables" (Note 9):

	December 31	
	2017	2016
Time deposits	<u>\$ 339,541</u>	<u>\$ 209,820</u>

7. FINANCIAL INSTRUMENTS AT FAIR VALUE THROUGH PROFIT OR LOSS

	December 31	
	2017	2016
<u>Financial assets at FVTPL - current</u>		
Foreign exchange forward contracts	\$ <u>1,710</u>	\$ <u>-</u>
<u>Financial liabilities at FVTPL - current</u>		
Foreign exchange forward contracts	\$ <u>-</u>	\$ <u>707</u>

At the end of the reporting period, outstanding foreign exchange forward contracts not under hedge accounting were as follows:

	Currencies	Maturity Date	Contract Amount (In Thousands)
<u>December 31, 2017</u>			
Sell forward exchange contracts	USD/NTD	2018.01.05-2018.01.25	USD11,000/NTD329,070
<u>December 31, 2016</u>			
Sell forward exchange contracts	USD/NTD	2017.01.12-2017.01.26	USD5,000/NTD160,543

The Group entered into forward exchange contracts to manage exposures to exchange rate fluctuations of foreign currency denominated assets and liabilities. The forward exchange contracts entered into by the Group did not meet the criteria for hedge accounting, therefore, the Group did not apply hedge accounting treatment for forward exchange contracts.

8. NOTES AND ACCOUNTS RECEIVABLE

	December 31	
	2017	2016
Notes receivable	\$ -	\$ 71
Accounts receivable	759,652	786,160
Less: Allowance for doubtful accounts	<u>(16,388)</u>	<u>(16,743)</u>
	<u>\$ 743,264</u>	<u>\$ 769,488</u>

The average credit period for sales of goods was 30-60 days. Allowance for doubtful accounts is based on estimated irrecoverable amounts determined by reference to aging of receivables, past default experience of the counterparties and an analysis of their financial position.

The aging of accounts receivable was as follows:

	December 31	
	2017	2016
Not overdue	\$ 723,029	\$ 779,326
Overdue under 30 days	36,623	6,905
Overdue 31-90 days	-	-
Overdue 91 days and longer	<u>-</u>	<u>-</u>
	<u>\$ 759,652</u>	<u>\$ 786,231</u>

The movements of the allowance for doubtful accounts were as follows:

	For the Year Ended December 31	
	2017	2016
Balance at January 1	\$ 16,743	\$ 18,007
Provision (reversed)	66	(1,174)
Effect of exchange rate changes	<u>(421)</u>	<u>(90)</u>
Balance at December 31	<u>\$ 16,388</u>	<u>\$ 16,743</u>

9. OTHER RECEIVABLES

	December 31	
	2017	2016
Time deposits (Note 6)	\$ 339,541	\$ 209,820
Business tax refund receivable	26,325	24,013
Others	<u>10,379</u>	<u>22,770</u>
	<u>\$ 376,245</u>	<u>\$ 256,603</u>

10. INVENTORIES

	December 31	
	2017	2016
Raw materials and supplies	\$ 86,115	\$ 79,157
Work-in-process	1,128,123	850,030
Finished goods	338,558	244,772
Inventories in transit	<u>81,522</u>	<u>4,478</u>
	<u>\$ 1,634,318</u>	<u>\$ 1,178,437</u>

- As of December 31, 2017 and 2016, the allowance for inventory devaluation was \$297,684 thousand and \$301,837 thousand, respectively.
- The cost of goods sold for the years ended December 31, 2017 and 2016 was \$5,502,875 thousand and \$4,920,966 thousand, respectively. The cost of goods sold included inventory write-downs and obsolescence and abandonment of inventories in the amounts of \$33,349 thousand and \$31,806 thousand loss for the years ended December 31, 2017 and 2016, respectively.

11. AVAILABLE-FOR-SALE FINANCIAL ASSETS, NON-CURRENT

	December 31	
	2017	2016
<u>Publicly traded investment</u>		
Nyquest Technology Co., Ltd.	\$ 289,789	\$ 146,913

In 2016, the Group sold part of its interest in Nyquest Technology Co., Ltd. with carrying amount of \$4,506 thousand and recognized a disposal gain of \$3,737 thousand. Nyquest Technology Co., Ltd.'s shares have been listed on the Taipei Exchange Market since May 9, 2016. The Group reclassified its investment from "Financial assets measured at cost" to "Available-for-sale financial assets" at its fair value at the date when shares were listed.

12. FINANCIAL ASSETS MEASURED AT COST, NON-CURRENT

	December 31	
	2017	2016
<u>Non-publicly traded investment</u>		
United Industrial Gases Co., Ltd.	\$ 280,000	\$ 280,000
Brightek Optoelectronic Co., Ltd.	493	493
Yu-Ji Venture Capital Co., Ltd.	<u>21,000</u>	<u>25,000</u>
	\$ 301,493	\$ 305,493

Management believed that the above non-publicly traded investments held by the Group have fair value that cannot be reliably measured because the range of reasonable fair value estimates was so significant and various estimates cannot be reasonably estimated; therefore they were measured at cost less impairment at the end of reporting period.

13. PROPERTY, PLANT AND EQUIPMENT

	December 31	
	2017	2016
Land and buildings	\$ 182,637	\$ 67,289
Machinery and equipment	354,819	350,405
Other equipment	85,040	72,678
Construction in progress and prepayments for purchase of equipment	<u>20,167</u>	<u>35,795</u>
	\$ 642,663	\$ 526,167

	Land and Buildings	Machinery and Equipment	Other Equipment	Construction in Progress and Prepayments for Purchase of Equipment	Total
<u>Cost</u>					
Balance at January 1, 2017	\$ 3,471,902	\$ 11,543,130	\$ 358,143	\$ 35,795	\$ 15,408,970
Additions	101,379	107,067	38,563	20,132	267,141
Disposals	(750)	(206,554)	(2,351)	-	(209,655)
Reclassified	35,733	-	62	(35,795)	-
Effect of foreign currency exchange differences	-	355	(279)	35	111
Balance at December 31, 2017	<u>3,608,264</u>	<u>11,443,998</u>	<u>394,138</u>	<u>20,167</u>	<u>15,466,567</u>
<u>Accumulated depreciation and impairment</u>					
Balance at January 1, 2017	3,404,613	11,192,725	285,465	-	14,882,803
Disposals	(750)	(206,547)	(2,081)	-	(209,378)
Depreciation expenses	21,764	102,851	25,869	-	150,484
Effect of foreign currency exchange differences	-	150	(155)	-	(5)
Balance at December 31, 2017	<u>3,425,627</u>	<u>11,089,179</u>	<u>309,098</u>	<u>-</u>	<u>14,823,904</u>
Carrying amounts at December 31, 2017	<u>\$ 182,637</u>	<u>\$ 354,819</u>	<u>\$ 85,040</u>	<u>\$ 20,167</u>	<u>\$ 642,663</u>
<u>Cost</u>					
Balance at January 1, 2016	\$ 3,464,808	\$ 11,498,434	\$ 371,575	\$ 9,341	\$ 15,344,158
Additions	7,094	154,042	16,090	30,853	208,079
Disposals	-	(113,074)	(23,251)	-	(136,325)
Disposal of subsidiaries	-	-	(80)	-	(80)
Reclassified	-	4,410	(11)	(4,399)	-
Effect of foreign currency exchange differences	-	(682)	(6,180)	-	(6,862)
Balance at December 31, 2016	<u>3,471,902</u>	<u>11,543,130</u>	<u>358,143</u>	<u>35,795</u>	<u>15,408,970</u>
<u>Accumulated depreciation and impairment</u>					
Balance at January 1, 2016	3,384,113	11,210,359	286,092	-	14,880,564
Disposals	-	(112,986)	(22,766)	-	(135,752)
Depreciation expenses	20,500	95,823	27,438	-	143,761
Disposal of subsidiaries	-	-	(10)	-	(10)
Effect of foreign currency exchange differences	-	(471)	(5,289)	-	(5,760)
Balance at December 31, 2016	<u>3,404,613</u>	<u>11,192,725</u>	<u>285,465</u>	<u>-</u>	<u>14,882,803</u>
Carrying amounts at December 31, 2016	<u>\$ 67,289</u>	<u>\$ 350,405</u>	<u>\$ 72,678</u>	<u>\$ 35,795</u>	<u>\$ 526,167</u>

14. INVESTMENT PROPERTIES

	<u>December 31</u>	
	<u>2017</u>	<u>2016</u>
Investment properties	<u>\$ 56,278</u>	<u>\$ 61,673</u>

The investment properties are located in Shen-Zhen, China. As of December 31, 2017 and 2016, the fair value of such investment properties was both approximately \$200,000 thousand, by reference to neighboring area transactions.

**Investment
Properties**

Cost

Balance at January 1, 2017	\$ 105,650
Effect of foreign currency exchange differences	<u>(1,190)</u>
Balance at December 31, 2017	<u>104,460</u>

Accumulated depreciation and impairment

Balance at January 1, 2017	43,977
Depreciation expenses	4,641
Effect of foreign currency exchange differences	<u>(436)</u>
Balance at December 31, 2017	<u>48,182</u>

Carrying amount at December 31, 2017	<u>\$ 56,278</u>
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Cost

Balance at January 1, 2016	\$ 114,300
Effect of foreign currency exchange differences	<u>(8,650)</u>
Balance at December 31, 2016	<u>105,650</u>

Accumulated depreciation and impairment

Balance at January 1, 2016	42,434
Depreciation expenses	4,993
Effect of foreign currency exchange differences	<u>(3,450)</u>
Balance at December 31, 2016	<u>43,977</u>

Carrying amount at December 31, 2016	<u>\$ 61,673</u>
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15. INTANGIBLE ASSETS

	<u>December 31</u>	
	2017	2016
Deferred technical assets	\$ 202,634	\$ 256,526
Other intangible assets	<u>978</u>	<u>1,414</u>
	<u>\$ 203,612</u>	<u>\$ 257,940</u>

	Deferred Technical Assets	Other Intangible Assets	Total
<u>Cost</u>			
Balance at January 1, 2017	\$ 984,710	\$ 4,103	\$ 988,813
Additions	33,609	-	33,609
Effect of foreign currency exchange differences	<u>2,497</u>	<u>(46)</u>	<u>2,451</u>
Balance at December 31, 2017	<u>1,020,816</u>	<u>4,057</u>	<u>1,024,873</u>

Accumulated amortization and impairment

Balance at January 1, 2017	728,184	2,689	730,873
Amortization expenses	87,819	414	88,233
Effect of foreign currency exchange differences	<u>2,179</u>	<u>(24)</u>	<u>2,155</u>
Balance at December 31, 2017	<u>818,182</u>	<u>3,079</u>	<u>821,261</u>

Carrying amounts at December 31, 2017	<u>\$ 202,634</u>	<u>\$ 978</u>	<u>\$ 203,612</u>
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Cost

Balance at January 1, 2016	\$ 883,565	\$ 3,852	\$ 887,417
Additions	101,431	799	102,230
Disposal of subsidiaries	-	(237)	(237)
Effect of foreign currency exchange differences	<u>(286)</u>	<u>(311)</u>	<u>(597)</u>
Balance at December 31, 2016	<u>984,710</u>	<u>4,103</u>	<u>988,813</u>

Accumulated amortization and impairment

Balance at January 1, 2016	642,255	2,540	644,795
Amortization expenses	86,129	439	86,568
Disposal of subsidiaries	-	(83)	(83)
Effect of foreign currency exchange differences	<u>(200)</u>	<u>(207)</u>	<u>(407)</u>
Balance at December 31, 2016	<u>728,184</u>	<u>2,689</u>	<u>730,873</u>

Carrying amounts at December 31, 2016	<u>\$ 256,526</u>	<u>\$ 1,414</u>	<u>\$ 257,940</u>
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16. OTHER PAYABLES

	<u>December 31</u>	
	<u>2017</u>	<u>2016</u>
Payable for salaries or employee benefits	\$ 415,638	\$ 406,069
Payable for businesses	100,606	155,062
Payable for royalties	85,909	70,671
Payable for purchase of equipment	50,914	75,710
Others	<u>221,875</u>	<u>209,949</u>
	<u>\$ 874,942</u>	<u>\$ 917,461</u>

17. RETIREMENT BENEFIT PLANS

a. Defined contribution plan

The Company and Techdesign Corporation adopted a pension plan under the Labor Pension Act (the “LPA”), which is a state-managed defined contribution plan. Under the LPA, an entity makes monthly contributions to employees’ individual pension accounts at 6% of monthly salaries and wages. On May 18, 2016, the Group sold 100% of the shares of subsidiary Techdesign Corporation, to related party, WEC.

The Group’s subsidiaries in the United States, Hong Kong, Israel and China are members of local state-managed defined contribution plan. The Group contributes a specified percentage of employees’ payroll to the retirement fund. The only obligation of the Group with respect to the retirement benefit plan is to make the specified contributions.

b. Defined benefit plan

The defined benefit plan adopted by the Company in accordance with the Labor Standards Law is operated by the government of the ROC. Pension benefits are calculated on the basis of the length of service and average monthly salaries of the 6 months before retirement. In 2017 and 2016, the Company contributed amounts equal to 15% of total monthly salaries and wages to a pension fund administered by the pension fund monitoring committee. Pension contributions are deposited in the Bank of Taiwan in the committee’s name. Before the end of each year, the Company assesses the balance in the pension fund. If the amount of the balance in the pension fund 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 pension fund is managed by the Bureau of Labor Funds, Ministry of Labor (“the Bureau”); the Company has no right to influence the investment policy and strategy.

The payables for employee turnover of NTIL are calculated on the basis of the length of service and the last monthly salary under a defined benefit plan.

The amounts included in the consolidated balance sheets in respect of the Group’s defined benefit plans were as follows:

	December 31	
	2017	2016
Present value of defined benefit obligation	\$ 1,248,983	\$ 1,194,714
Fair value of plan assets	<u>(942,876)</u>	<u>(842,676)</u>
Net defined benefit liability	<u>\$ 306,107</u>	<u>\$ 352,038</u>

Movements in net defined benefit liability (asset) were as follows:

	Present Value of the Defined Benefit Obligation	Fair Value of the Plan Assets	Net Defined Benefit Liability (Asset)
Balance at January 1, 2016	\$ 854,733	\$ (476,000)	\$ 378,733
Service cost			
Current service cost	30,543	-	30,543
Net interest expense (income)	29,226	(14,795)	14,431
Others	<u>1,486</u>	<u>(2,080)</u>	<u>(594)</u>
Recognized in profit or loss	<u>61,255</u>	<u>(16,875)</u>	<u>44,380</u>
Remeasurement			
Actuarial (gain) loss - the discount rate more (less) than realized rate of return	-	6,294	6,294
Actuarial (gain) loss - changes in demographic assumptions	6,348	-	6,348
Actuarial (gain) loss - changes in financial assumptions	24,016	(10,601)	13,415
Actuarial (gain) loss - experience adjustments	<u>8,465</u>	<u>(477)</u>	<u>7,988</u>
Recognized in other comprehensive income	<u>38,829</u>	<u>(4,784)</u>	<u>34,045</u>
Contributions from the employer	-	(107,070)	(107,070)
Plan assets paid	(41,342)	41,259	(83)
Reclassified	281,543	(279,541)	2,002
Effect of foreign currency exchange difference	<u>(304)</u>	<u>335</u>	<u>31</u>
Balance at December 31, 2016	1,194,714	(842,676)	352,038
Service cost			
Current service cost	34,105	-	34,105
Net interest expense (income)	29,618	(16,465)	13,153
Others	<u>4,257</u>	<u>(4,834)</u>	<u>(577)</u>
Recognized in profit or loss	<u>67,980</u>	<u>(21,299)</u>	<u>46,681</u>
Remeasurement			
Actuarial (gain) loss - the discount rate more (less) than realized rate of return	-	4,585	4,585
Actuarial (gain) loss - changes in financial assumptions	44,912	(22,347)	22,565
Actuarial (gain) loss - experience adjustments	<u>(4,942)</u>	<u>(3,262)</u>	<u>(8,204)</u>
Recognized in other comprehensive income	<u>39,970</u>	<u>(21,024)</u>	<u>18,946</u>
Contributions from the employer	-	(109,984)	(109,984)
Plan assets paid	(59,959)	59,561	(398)
Liabilities extinguished on settlement	(1,276)	-	(1,276)
Effect of foreign currency exchange difference	<u>7,554</u>	<u>(7,454)</u>	<u>100</u>
Balance at December 31, 2017	\$ <u>1,248,983</u>	\$ <u>(942,876)</u>	\$ <u>306,107</u>

The amounts recognized in profit or loss in respect of these defined benefit plans were as follows:

	For the Year Ended December 31	
	2017	2016
Analysis by function		
Operating costs	\$ 7,833	\$ 9,281
Selling expenses	96	125
General and administrative expenses	6,714	5,325
Research and development expenses	<u>32,038</u>	<u>29,649</u>
	<u>\$ 46,681</u>	<u>\$ 44,380</u>

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

- 1) Investment risk: The plan assets are invested in domestic and foreign equity and debt securities, bank deposits, etc. The investment is conducted at the discretion of the Bureau or under the mandated management. However, in accordance with relevant regulations, the return generated by plan assets should not be below the interest rate for a 2-year time deposit with local banks.
- 2) 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.
- 3) 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 significant assumptions used for the purposes of the actuarial valuations were as follows:

	December 31	
	2017	2016
Discount rate(s)	1.50%-4.68%	1.75%-4.95%
Expected rate(s) of salary increase	1%-2%	1%-2%

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:

	December 31	
	2017	2016
Discount rate(s)		
0.25% increase	<u>\$ (29,625)</u>	<u>\$ (29,260)</u>
0.25% decrease	<u>\$ 33,284</u>	<u>\$ 29,927</u>
Expected rate(s) of salary increase		
0.25% increase	<u>\$ 30,320</u>	<u>\$ 28,374</u>
0.25% decrease	<u>\$ (26,839)</u>	<u>\$ (27,435)</u>

The sensitivity analysis presented above may not be representative of the actual change in the present value of 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.

	December 31	
	2017	2016
The expected contributions to the plan for the next year	<u>\$ 121,702</u>	<u>\$ 116,294</u>
The average duration of the defined benefit obligation	9.8-13.46 years	10-13.66 years

18. EQUITY

a. Common stock

	December 31	
	2017	2016
Authorized shares (in thousands)	<u>300,000</u>	<u>300,000</u>
Authorized capital	<u>\$ 3,000,000</u>	<u>\$ 3,000,000</u>
Issued and paid shares (in thousands)	<u>207,554</u>	<u>207,554</u>
Issued capital	<u>\$ 2,075,544</u>	<u>\$ 2,075,544</u>
Par value (in New Taiwan dollars)	<u>\$ 10</u>	<u>\$ 10</u>

As of December 31, 2017 and 2016, the balance of the Company's capital account amounted to \$2,075,544 thousand, divided into 207,554 thousand common shares at par NT\$10 per share.

b. Capital surplus

	December 31	
	2017	2016
May be used to offset a deficit, distributed as cash dividends, or transferred to capital*		
Additional paid-in capital	\$ 63,485	\$ 63,485
<u>May not be used for any purpose</u>		
Employee share options	<u>13</u>	<u>13</u>
	<u>\$ 63,498</u>	<u>\$ 63,498</u>

* Such capital surplus may be used to offset a deficit; in addition, when the Company has no deficit, such capital surplus may be distributed in cash or transferred to capital (limited to a certain percentage of the Company's paid-in capital and once a year).

c. Retained earnings and dividend policy

In accordance with the amendments to the Company Act in May 2015, the recipients of dividends and bonuses are limited to shareholders and do not include employees. The shareholders held their regular meeting on June 15, 2016 and, in that meeting, had resolved amendments to the Company's Articles of Incorporation (the "Articles"), particularly the amendment to the policy on dividend distribution and the addition of the policy on distribution of employees' compensation.

According to the revised Company Law of the ROC and the Company's Articles of Incorporation, if the Company has surplus earnings at the end of a fiscal year, after covering all losses incurred in prior years and paying all taxes, the Company shall set aside 10% of said earnings as legal reserve. However, legal reserve need not be made when the accumulated legal reserve equals the paid-in capital of the Company. After setting aside or reversing special reserve pursuant to applicable laws and regulations and orders of competent authorities from (1) the remaining amount plus undistributed retained earnings; or (2) the difference between the undistributed retained earnings and the losses suffered by the Company at the end of a fiscal year if the losses can be fully covered by the undistributed retained earnings, the Company shall distribute the remaining amount (if not otherwise set aside as special reserve and reserved based on business needs) and shall be used by the Company's board of directors as the basis for proposing a distribution plan, which should be resolved in the shareholders' meeting for bonus to shareholders. In principle, not less than 10% of the total shareholders bonus shall be distributed in form of cash. For the policies on distribution of employees' compensation and remuneration to directors before and after amendment, please refer to Note 21 Employee benefits expense.

The appropriation for legal reserve shall be made until the legal reserve equals the Company's paid-in capital. Legal reserve may be used to offset deficit. If the Company has no deficit and the legal reserve has exceeded 25% of the Company's paid-in capital, the excess may be transferred to capital or distributed in cash.

Except for non-ROC resident shareholders, all shareholders receiving the dividends are allowed a tax credit equal to their proportionate share of the income tax paid by the Company.

The appropriations of the Company's earnings for 2016 and 2015 had been approved in the shareholders' meetings on June 14, 2017 and June 15, 2016, respectively. The appropriations and dividends per share were as follows:

	Appropriation of Earnings		Dividends Per Share (NT\$)	
	For Year 2016	For Year 2015	For Year 2016	For Year 2015
Legal reserve	\$ 61,316	\$ 46,902		
Cash dividends	<u>498,131</u>	<u>373,598</u>	\$ 2.40	\$ 1.80
	<u>\$ 559,447</u>	<u>\$ 420,500</u>		

The appropriations of the Company's earnings for 2017 had been approved in the Board of Directors' meeting on January 26, 2018. The appropriations and dividends per share were as follows:

	Appropriation of Earnings	Dividends Per Share (NT\$)
Legal reserve	\$ 68,813	
Cash dividends	518,886	\$2.50

The appropriations of earnings for 2017 will be presented for approval in the shareholders' meeting to be held on June 12, 2018 (expected).

d. Other equity items

- 1) The exchange differences arising on translation of foreign operations' net assets from its functional currency to the Group's presentation currency (New Taiwan dollar) are recognized directly in other comprehensive income. As of December 31, 2017 and 2016, other comprehensive loss was \$29,445 thousand and \$32,197 thousand, respectively.

2) Unrealized gain (loss) on available-for-sale financial assets

Unrealized gain (loss) on available-for-sale financial assets represents the cumulative gains or losses arising from the fair value measurement on available-for-sale financial assets that are recognized in other comprehensive income. When those available-for-sale financial 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. As of December 31, 2017 and 2016, other comprehensive income was \$142,876 thousand and \$83,348 thousand, respectively.

19. REVENUE

Please refer to Note 31.

20. INCOME TAXES RELATING TO CONTINUING OPERATIONS

a. Income tax recognized in profit or loss

The major components of income tax expense were as follows:

	For the Year Ended December 31	
	2017	2016
Current income tax	\$ 113,083	\$ 89,568
Adjustments for prior year's tax	(14)	5,433
Deferred tax	<u>(1,771)</u>	<u>784</u>
Income tax expense recognized in profit or loss	<u>\$ 111,298</u>	<u>\$ 95,785</u>

b. Reconciliation of accounting profit and income tax expense is as follows:

	For the Year Ended December 31	
	2017	2016
Profit before tax from continuing operations	\$ 143,973	\$ 125,173
Adjustments		
Permanent differences	(22,102)	(20,526)
Others	21,212	6,921
Tax-exempt income	(10,000)	(8,000)
Additional income tax on unappropriated earnings	1,967	1,888
Current income tax credit	<u>(21,967)</u>	<u>(15,888)</u>
Current income tax	113,083	89,568
Deferred income tax	(1,771)	784
Adjustment for prior years' tax	<u>(14)</u>	<u>5,433</u>
Income tax expense recognized in profit or loss	<u>\$ 111,298</u>	<u>\$ 95,785</u>

The applicable tax rate used above is the corporate tax rate of 17% payable by the Group in the ROC, while the applicable tax rate used by subsidiaries in China is 25%. Tax rates used by other group entities operating in other jurisdictions are based on the tax laws in those jurisdictions.

In January 2018, it was announced that the Income Tax Law in the ROC was amended and, starting from 2018, the corporate income tax rate will be adjusted from 17% to 20%. In addition, the tax rate applicable to unappropriated earnings will be reduced from 10% to 5%.

As the status of 2017 appropriations of earnings was not yet approved in the shareholders' meeting, the potential income tax consequences of 2017 unappropriated earnings were not reliably determinable.

c. Current tax assets and liabilities

	December 31	
	2017	2016
Tax refund receivable	<u>\$ 2,184</u>	<u>\$ 8,331</u>
Income tax payable	<u>\$ 88,934</u>	<u>\$ 16,558</u>

d. Deferred income tax assets

	December 31	
	2017	2016
Deferred income tax assets		
Allowance for loss on inventories and others	<u>\$ 95,318</u>	<u>\$ 104,627</u>

e. Information about unused tax-exemption

As of December 31, 2017, profits attributable to the following expansion projects were exempted from income tax for a five-year period:

<u>Expansion of Construction Project</u>	<u>Tax-exemption Period</u>
Advanced integrated circuit design	2014-2018

f. The information on the Company's integrated income tax was as follows:

	December 31	
	2017	2016
Unappropriated earnings		
Generated on and after January 1, 1998	<u>\$ 896,014</u>	<u>\$ 786,274</u>
Imputation credits account	<u>\$ 109,049</u>	<u>\$ 113,443</u>

The creditable ratio for distribution of earnings for the years ended December 31, 2017 and 2016 was 12.17% (estimate) and 15.9%, respectively.

g. Income tax assessments

The Company's tax returns through 2015 have been assessed by the tax authorities.

h. Information about investment credits

The Company apply the Statute for Industrial Innovation Article 10, up to ten percent of the R&D expenses may be credited against the profit-seeking enterprise income tax payable by it in each of the three years following the then current year.

21. EMPLOYEE BENEFITS EXPENSE, DEPRECIATION AND AMORTIZATION

	For the Year Ended December 31							
	2017		Classified as Non-operating Income and Losses	Total	2016		Classified as Non-operating Income and Losses	Total
	Classified as Operating Costs	Classified as Operating Expenses			Classified as Operating Costs	Classified as Operating Expenses		
Employee benefits expense								
Short-term employment								
benefits	\$ 725,076	\$ 1,799,438	\$ -	\$ 2,524,514	\$ 696,544	\$ 1,675,078	\$ -	\$ 2,371,622
Post-employment								
benefits	32,121	139,810	-	171,931	33,105	129,152	-	162,257
Depreciation	95,807	54,677	4,641	155,125	98,833	44,928	4,993	148,754
Amortization	33,294	54,939	-	88,233	33,293	53,411	-	86,704

To be in compliance with the Company Act, the Company stipulated to distribute employees' compensation and remuneration to directors at the rates no less than 1% and no higher than 1%, respectively, of profit before income tax, employees' compensation, and remuneration to directors.

The employees' compensation and remuneration to directors and supervisors for 2017 and 2016 which have been approved in the Board of Directors' meetings on January 26, 2018 and February 3, 2017, respectively, were as follows:

	For the Year Ended December 31			
	2017		2016	
	Amount	%	Amount	%
Employees' cash compensation	\$ 49,360	6	\$ 44,584	6
Remuneration of directors and supervisors	8,227	1	7,431	1

If there is a change in the proposed amounts after the annual consolidated financial statements were authorized for issue, the differences are recorded as a change in accounting estimate. There was no difference between the actual amounts of employees' compensation and remuneration to directors and supervisors paid and the amounts recognized in the financial statements for the year ended December 31, 2016.

Information on the employees' compensation and remuneration to directors and supervisors resolved by the Company's Board of Directors in 2018 and 2017 is available at the Market Observation Post System website of the Taiwan Stock Exchange.

22. EARNINGS PER SHARE

The numerators and denominators used in calculating basic and diluted earnings per share ("EPS") were as follows:

	Amounts (Numerator)	Shares (Denominator) (In Thousands)	EPS (NT\$)
<u>For the year ended December 31, 2017</u>			
Net profit	\$ 688,133		
Basic EPS			
Earnings used in the computation of basic EPS	688,133	207,554	\$ 3.32
Effect of potentially dilutive ordinary shares			
Employee's compensation	-	771	
Diluted EPS			
Earnings used in the computation of diluted			
EPS	\$ 688,133	208,325	3.30

(Continued)

	Amounts (Numerator)	Shares (Denominator) (In Thousands)	EPS (NT\$)
<u>For the year ended December 31, 2016</u>			
Net profit	<u>\$ 613,165</u>		
Basic EPS			
Earnings used in the computation of basic EPS	613,165	207,554	\$ 2.95
Effect of potentially dilutive ordinary shares			
Employee's compensation	<u> -</u>	<u> 1,152</u>	
Diluted EPS			
Earnings used in the computation of diluted EPS	<u>\$ 613,165</u>	<u> 208,706</u>	2.94
			(Concluded)

If the Company offered to settle compensation paid to employees in cash or shares, the Company assumed the entire amount of the compensation would be settled in shares and the resulting potential shares were included in the weighted average number of shares outstanding used in the computation of diluted earnings per share, as the effect is dilutive. The number of shares used in the computation of diluted EPS is estimated by the amount of compensation divided by the closing price of the potential common shares at the end of the reporting period. Such dilutive effect of the potential shares was included in the computation of diluted earnings per share until the number of shares to be distributed to employees is resolved in the following year.

23. DISPOSAL OF SUBSIDIARIES

On May 18, 2016, the Group sold 100% of the shares of Techdesign Corporation to related party, WEC; accordingly the Group lost its control. The selling price of the investments was \$49,850 thousand and the Group received the total amount.

a. Analysis of assets and liabilities over which the control was lost

	Techdesign Corporation
Current assets	
Cash and cash equivalents	\$ 35,148
Other receivables	15
Other current assets	250
Non-current assets	
Property, plant and equipment	70
Intangible assets	154
Refundable deposits	151
Current liabilities	
Other payables	(947)
Other current liabilities	<u>(128)</u>
Net assets disposed of	<u>\$ 34,713</u>

b. Gain on disposal of subsidiary

	Techdesign Corporation
Consideration received	\$ 49,850
Net assets disposed of	<u>(34,713)</u>
Gain on disposal	<u>\$ 15,137</u>

c. Net cash inflow arising from disposal of subsidiary

	Techdesign Corporation
Consideration received in cash and cash equivalents	\$ 49,850
Less: Cash and cash equivalent balance disposed of	<u>(35,148)</u>
	<u>\$ 14,702</u>

24. OPERATING LEASE ARRANGEMENTS

The Group as Lessee

a. Lease arrangements

The Group leased land from Science Park Administration, and the lease term will expire in December 2027, but can be extended after the expiration of the lease period.

The Group leased a land from Taiwan Sugar Corporation under a twenty-year term from October 2014 to September 2034, which is allowed to extend upon the expiration of lease. The chairman of the Company is a joint guarantor of such lease; please refer to Note 27.

The Group leased some of the offices in the United States, China, Israel, India and part in Taiwan, and the lease terms will expire between 2018 and 2022, but can be extended after the expiration of the lease periods.

As of December 31, 2017 and 2016, deposits paid under operating leases amounted to \$36,221 thousand and \$36,281 thousand, respectively.

b. Prepayments for lease obligations

	December 31	
	2017	2016
Current (recorded as "other current assets")	\$ 3,445	\$ 4,112
Non-current (recorded as "other non-current assets")	<u>37,510</u>	<u>39,892</u>
	<u>\$ 40,955</u>	<u>\$ 44,004</u>

Prepaid lease payments include Taiwan Sugar Corporation's land use right, which is located in Tainan.

c. Lease expense

	For the Year Ended December 31	
	2017	2016
Lease expenditure	<u>\$ 109,315</u>	<u>\$ 105,433</u>

The Group as Lessor

Operating lease agreements

Operating leases relate to the leasing of investment property with lease terms of 3-5 years, and with an extension option. All operating lease contracts contain market review clauses in the event that the lessee exercises its option to renew. The lessee does not have a bargain purchase option to acquire the property at the expiry of the lease period.

As of December 31, 2017 and 2016, deposits received under operating leases amounted to \$2,181 thousand and \$1,911 thousand, respectively (recorded as “other non-current liabilities”).

25. CAPITAL MANAGEMENT

The Group’s capital management objective is to ensure it has the necessary financial resources and operational plan so that it can cope with the next twelve months working capital requirements, capital expenditures, research and development expenses, debt repayments and dividends payments.

26. FINANCIAL INSTRUMENT

a. Categories of financial instruments

	December 31			
	2017		2016	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
<u>Financial assets</u>				
Loans and receivables				
Cash and cash equivalents	\$ 1,417,029	\$ 1,417,029	\$ 1,898,827	\$ 1,898,827
Notes and accounts receivable	743,264	743,264	769,488	769,488
Accounts receivable due from related parties	51,114	51,114	57,063	57,063
Other receivables	347,645	347,645	223,853	223,853
Refundable deposits	71,571	71,571	70,671	70,671
Financial assets at fair value through profit or loss				
Derivative financial instruments	1,710	1,710	-	-
Available-for-sale financial assets	289,789	289,789	146,913	146,913
Financial assets measured at cost, non-current	301,493	301,347	305,493	305,267

(Continued)

	December 31			
	2017		2016	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
<u>Financial liabilities</u>				
Measured at amortized cost				
Accounts payable	\$ 934,901	\$ 934,901	\$ 906,542	\$ 906,542
Other payables	871,525	871,525	913,973	913,973
Guarantee deposits (recorded in other non-current liabilities)	44,482	44,482	58,668	58,668
Long-term contract payable (recorded in other non-current liabilities)	10,551	10,551	22,868	22,868
Financial liabilities at fair value through profit or loss				
Derivative financial instruments	-	-	707	707
				(Concluded)

b. Fair value information

- 1) The fair value measurements are grouped into Levels 1 to 3 based on the degree to which the fair value measurement inputs are observable and the significance in its entirety, which are described as follows:
 - a) Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities;
 - b) 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
 - c) Level 3 inputs are unobservable inputs for the asset or liability.
- 2) Fair value measurements recognized in the consolidated balance sheets
 - a) 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).
 - b) The fair value of the financial instruments at fair value through profit or loss is based on Level 2 inputs, either directly or indirectly. The fair value of foreign-currency derivative financial instrument could be determined by reference to the price and discount rate of currency swap quoted by financial institutions. Foreign exchange forward contracts use individual maturity rate to calculate the fair value of each contract.
 - c) 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.
- 3) Financial instruments that are not measured at fair value

Management believes the carrying amounts of financial assets and financial liabilities that are not measured at fair value recognized in the financial statements approximate their fair values.

4) Fair value of financial instruments that are measured at fair value on a recurring basis

December 31, 2017				
	Level 1	Level 2	Level 3	Total
<u>Available-for-sale financial assets</u>				
Domestic listed equity securities	<u>\$ 289,789</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 289,789</u>
<u>Financial assets at FVTPL</u>				
Derivatives	<u>\$ -</u>	<u>\$ 1,710</u>	<u>\$ -</u>	<u>\$ 1,710</u>
December 31, 2016				
	Level 1	Level 2	Level 3	Total
<u>Available-for-sale financial assets</u>				
Domestic listed equity securities	<u>\$ 146,913</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 146,913</u>
<u>Financial liabilities at FVTPL</u>				
Derivatives	<u>\$ -</u>	<u>\$ 707</u>	<u>\$ -</u>	<u>\$ 707</u>

5) Fair value of financial instruments that are not measured at fair value

December 31, 2017				
Carrying Amount	Level 1	Level 2	Level 3	Total
<u>Financial assets measured at cost</u>				
Domestic emerging equity securities	<u>\$ 493</u>	<u>\$ -</u>	<u>\$ 347</u>	<u>\$ 347</u>
December 31, 2016				
Carrying Amount	Level 1	Level 2	Level 3	Total
<u>Financial assets measured at cost</u>				
Domestic emerging equity securities	<u>\$ 493</u>	<u>\$ -</u>	<u>\$ 267</u>	<u>\$ 267</u>

There were no transfers among the different Levels in 2017 and 2016.

c. Financial risk management objectives and policies

The Group sought to minimize the effects of these risks by using derivative financial instruments to hedge risk exposures. The use of financial derivatives was governed by the Group's policies approved by the Board of Directors, which provide written principles on foreign exchange risk, and use of financial derivatives. Compliance with policies and exposure limits was reviewed by the internal auditors on a continuous basis.

1) Market risk

The Group's activities expose it primarily to the financial risks of changes in foreign currency exchange rates and interest rates. The Group uses forward foreign exchange contracts to hedge the foreign currency risk on export.

a) Foreign currency risk

The Group is engaged in foreign currency transaction and thus it is exposed to the risk of changes in foreign currency exchange rates. The Group uses forward foreign exchange contracts to hedge the exchange rate risk within approved policy parameters utilizing forward foreign exchange contracts.

The carrying amounts of the Group's foreign currency denominated monetary assets and monetary liabilities at the end of the reporting period are set out in Note 30.

The sensitivity analysis included only outstanding foreign currency denominated monetary items at the end of the reporting period and assuming an increase in net income and equity if New Taiwan dollars strengthen by 1% against foreign currencies. For a 1% weakening of New Taiwan dollars against the relevant currency, there would be impact on net income in the amounts of \$2,429 thousand and \$482 thousand decrease for the years ended December 31, 2017 and 2016, respectively. The amounts included above for a 1% weakening of New Taiwan dollars against the relevant currency is without considering the impact of hedge contracts and hedged item.

b) Interest rate risk

Interest rate risk refers to the risk that the change in market value will influence the fair value of financial instruments. The Group's interest rate risk arises primarily from floating rate deposits.

As of December 31, 2017 and 2016, the carrying amount of the Group's floating rate deposits with exposure to interest rates was \$8,319 thousand and \$8,272 thousand, respectively.

The sensitivity analyses below were determined based on the Group's exposure to interest rates for fair value of variable-rate derivative instruments at the end of the reporting period. If interest rates had been higher by one percentage point, the Group's cash flows for the year ended December 31, 2017 and 2016 would have increased by \$83 thousand.

2) Credit risk

Credit risk refers to the risk that counterparty will default on its contractual obligations resulting in financial loss to the Group. The Group adopted a policy of only dealing with creditworthy counterparties and obtaining sufficient collateral, where appropriate, as a means of mitigating the risk of financial loss from defaults. In this regard, the management of the Group consider that the Group's credit risk was significantly reduced.

3) Liquidity risk

The Group has enough operating capital to comply with loan covenants; liquidity risk is low.

The Group's non-derivative financial liabilities and their agreed repayment period were as follows:

	December 31, 2017			
	Within 1 Year	1-2 Years	Over 2 Years	Total
<u>Non-derivative financial liabilities</u>				
Non-interest bearing	<u>\$ 1,806,426</u>	<u>\$ 10,551</u>	<u>\$ -</u>	<u>\$ 1,816,977</u>
	December 31, 2016			
	Within 1 Year	1-2 Years	Over 2 Years	Total
<u>Non-derivative financial liabilities</u>				
Non-interest bearing	<u>\$ 1,820,515</u>	<u>\$ 11,434</u>	<u>\$ 11,434</u>	<u>\$ 1,843,383</u>

27. RELATED PARTY TRANSACTIONS

- a. The names and relationships of related parties are as follows:

<u>Related Party</u>	<u>Relationship with the Group</u>
Winbond Electronics Corporation ("WEC")	Parent company
Winbond Electronics (HK) Limited ("WEHK")	Associate
Winbond Electronics (Suzhou) Limited ("WECN")	Associate
Winbond Electronics Corporation America ("WECA")	Associate
Winbond Electronics Corporation Japan ("WECJ")	Associate
Winbond Technology Ltd. (Israel) ("WECT")	Associate
Techdesign Corporation	Associate (Note)
Nyquest Technology Co., Ltd. ("Nyquest")	Related party in substance
Walton Advanced Engineering Inc.	Related party in substance
Chin Cherng Construction Co., Ltd.	Related party in substance

Note: On May 18, 2016, the Group sold 100% of the shares of Techdesign Corporation to related party, WEC.

- b. Operating activities

	For the Year Ended December 31	
	2017	2016
1) Operating revenue		
Related party in substance	\$ 232,397	\$ 243,022
Associate	<u>100,912</u>	<u>76,280</u>
	<u>\$ 333,309</u>	<u>\$ 319,302</u>
2) Purchase		
Parent company	<u>\$ 164,475</u>	<u>\$ 144,876</u>
3) Selling expenses		
Associate	<u>\$ 670</u>	<u>\$ 711</u>

		For the Year Ended December 31	
		2017	2016
4) General and administrative expenses			
Parent company	\$	20,724	\$ 110
Related party in substance		10,538	10,331
Associate		<u>670</u>	<u>711</u>
	\$	<u>31,932</u>	<u>\$ 11,152</u>
5) Research and development expenses			
Parent company	\$	9,106	\$ 69
Associate		<u>6,875</u>	<u>10,645</u>
	\$	<u>15,981</u>	<u>\$ 10,714</u>
6) Other income			
Related party in substance			
Nyquest	\$	<u>13,635</u>	<u>\$ 8,188</u>
		December 31	
		2017	2016
7) Accounts receivable due from related parties			
Related party in substance	\$	33,546	\$ 42,340
Associate		<u>17,568</u>	<u>14,723</u>
	\$	<u>51,114</u>	<u>\$ 57,063</u>
8) Other receivables			
Parent company	\$	745	\$ -
Associate		<u>307</u>	<u>404</u>
	\$	<u>1,052</u>	<u>\$ 404</u>
9) Refundable deposits			
Related party in substance	\$	<u>1,722</u>	<u>\$ 1,722</u>
10) Accounts payable to related parties			
Parent company	\$	<u>24,174</u>	<u>\$ 27,149</u>
11) Other payables			
Parent company	\$	<u>3,006</u>	<u>\$ 11,006</u>

	December 31	
	2017	2016
12) Guarantee deposits		
Parent company	\$ 545	\$ 545
Associate	<u>151</u>	<u>151</u>
	<u>\$ 696</u>	<u>\$ 696</u>

Sales and purchase of goods with related party were conducted under normal prices and terms. The trading conditions of other related party transactions were resolved between the Company and related party.

13) Payment for property, plant and equipment

	For the Year Ended December 31	
	2017	2016
Parent company	\$ <u>-</u>	\$ <u>10,722</u>

c. Guarantee

As of December 31, 2017, the chairman of the Company is a joint guarantor of the land-lease from Taiwan Sugar Corporation. Please refer to Note 24.

d. Other related party transactions

On May 18, 2016, the Company sold 100% of the shares of subsidiary, Techdesign Corporation, to related party, WEC, and the selling price of the investments was \$49,850 thousand; please refer to Note 23.

e. Compensation of key management personnel

	For the Year Ended December 31	
	2017	2016
Short-term employment benefits	\$ 78,738	\$ 69,985
Post-employment benefits	<u>3,573</u>	<u>3,697</u>
	<u>\$ 82,311</u>	<u>\$ 73,682</u>

The remuneration of directors and key management personnel was determined by the remuneration committee based on the performance of individuals and market trends.

28. PLEDGED AND COLLATERALIZED ASSETS

Please refer to Note 6.

29. SIGNIFICANT CONTINGENT LIABILITIES AND UNRECOGNIZED COMMITMENTS

As of December 31, 2017, amounts available under unused letters of credit were approximately US\$254 thousand.

30. SIGNIFICANT ASSETS AND LIABILITIES DENOMINATED IN FOREIGN CURRENCIES

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

	December 31					
	2017			2016		
	Foreign Currencies (Thousand)	Exchange Rate (Note)	New Taiwan Dollars (Thousand)	Foreign Currencies (Thousand)	Exchange Rate (Note)	New Taiwan Dollars (Thousand)
<u>Financial assets</u>						
Monetary items						
USD	\$ 27,775	29.76	\$ 826,589	\$ 22,873	32.25	\$ 737,639
ILS	11,707	8.5791	100,433	13,094	8.3882	109,834
RMB	1,208	4.565	5,513	2,169	4.617	10,014
<u>Financial liabilities</u>						
Monetary items						
USD	18,753	29.76	558,087	21,505	32.25	693,535
ILS	13,725	8.5791	117,745	12,902	8.3882	108,226

Note: Foreign currencies exchange to New Taiwan dollars by each unit.

The total of realized and unrealized net foreign exchange was net losses \$3,894 thousand and net gains \$6,583 thousand for the years ended December 31, 2017 and 2016, respectively. It is impractical to disclose net foreign exchange gains (losses) by each significant foreign currency due to the variety of the foreign currency transactions of the group entities.

31. SEGMENT INFORMATION

a. Basic information about operating segment

1) Classification of operating segments

The Group's reportable segments under IFRS 8 "Operating Segments" were as follows:

a) Segment of general IC product

The IC product segment engages mainly in the researching, designing manufacturing, selling, and after-sales service.

b) Segment of wafer foundry product

The wafer foundry product segment engages mainly in the researching, designing, manufacturing and selling.

2) Principles of measuring reportable segments, profit, assets and liabilities

The significant accounting principles of each operating segment are the same as those stated in Note 4 to the consolidated financial statements. The Group's operating segment profit or loss represents the profit or loss earned by each segment. The profit or loss is controllable by segment managers and is the basis for assessment of segment performance. Individual segment assets are disclosed as zero since those measures are not reviewed by the chief operating decision maker. Major liabilities are arranged based on the capital cost and deployment of the whole company, which are not controlled by individual segment managers.

b. Segment revenues and operating results

The following was an analysis of the Group's revenue from continuing operations by reportable segments.

	Segment Revenue		Segment Profit and Loss	
	For the Year Ended December 31		For the Year Ended December 31	
	2017	2016	2017	2016
General IC product	\$ 7,364,114	\$ 6,654,941	\$ 858,831	\$ 725,909
Wafer foundry	<u>1,853,824</u>	<u>1,662,701</u>	<u>659,386</u>	<u>579,309</u>
Total of segment revenue	9,217,938	8,317,642	1,518,217	1,305,218
Other revenue	<u>17,444</u>	<u>11,644</u>	<u>13,334</u>	<u>11,644</u>
Operating revenue	<u>\$ 9,235,382</u>	<u>\$ 8,329,286</u>	1,531,551	1,316,862
Unallocated expenditure				
Administrative and supporting expense			(407,029)	(355,741)
Sales and other common expenses			<u>(410,959)</u>	<u>(356,279)</u>
Total operating profit			713,563	604,842
Interest income			13,197	16,135
Dividend income			65,216	57,354
Other gains and losses			5,380	9,926
Gains (losses) on disposal of property, plant and equipment			638	(34)
Gains (losses) on disposal of investments			-	18,874
Foreign exchange gains (losses)			(3,894)	6,583
Gains (losses) on financial instruments at fair value through profit or loss			<u>5,331</u>	<u>(4,730)</u>
Profit before income tax			<u>\$ 799,431</u>	<u>\$ 708,950</u>

c. Geographical information

The Group operate mainly in Asia, United States and Europe.

The Group's revenue from continuing operations from external customers by location of operations and information about its non-current assets (non-current assets exclude financial instruments and deferred income tax assets) by location are detailed below.

	Revenue from External Customers		Non-current Assets	
	For the Year Ended December 31		December 31	
	2017	2016	2017	2016
Asia	\$ 8,816,462	\$ 7,895,516	\$ 912,090	\$ 879,134
United States	169,507	220,700	29,159	8,144
Europe	123,796	117,521	-	-
Others	<u>125,617</u>	<u>95,549</u>	<u>-</u>	<u>-</u>
	<u>\$ 9,235,382</u>	<u>\$ 8,329,286</u>	<u>\$ 941,249</u>	<u>\$ 887,278</u>

d. Major customer information

Individual customer which exceeded 10% of the Group's operating revenue for the years ended December 31, 2017 and 2016 was as follows:

	For the Year Ended December 31			
	2017		2016	
	Amount	%	Amount	%
Client J	\$ 1,995,968	22	\$ 1,206,134	14
Client C	<u>964,426</u>	<u>10</u>	<u>838,800</u>	<u>10</u>
	<u>\$ 2,960,394</u>	<u>32</u>	<u>\$ 2,044,934</u>	<u>24</u>