

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

March 21, 2011

**1934 Act Registration No. 1-14700**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, DC 20549**  
**FORM 6-K**  
**REPORT OF FOREIGN PRIVATE ISSUER**  
**PURSUANT TO RULE 13a-16 OR 15d-16 OF**  
**THE SECURITIES EXCHANGE ACT OF 1934**  
**For the month of March 2011**  
**Taiwan Semiconductor Manufacturing Company Ltd.**  
(Translation of Registrant's Name Into English)  
**No. 8, Li-Hsin Rd. 6,**  
**Hsinchu Science Park,**  
**Taiwan**

(Address of Principal Executive Offices)

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F  Form 40-F

(Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.)

Yes  No

(If Yes is marked, indicated below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82: \_\_\_\_\_.)

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**Taiwan Semiconductor Manufacturing Company Limited**  
**Financial Statements for the**  
**Years Ended December 31, 2010 and 2009 and**  
**Independent Auditors Report**

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**INDEPENDENT AUDITORS' REPORT**

The Board of Directors and Shareholders

Taiwan Semiconductor Manufacturing Company Limited

We have audited the accompanying balance sheets of Taiwan Semiconductor Manufacturing Company Limited as of December 31, 2010 and 2009, and the related statements of income, changes in shareholders' equity and cash flows for the years then ended. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the Rules Governing the Audit of Financial Statements by Certified Public Accountants and auditing standards generally accepted in the Republic of China. Those rules and standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Taiwan Semiconductor Manufacturing Company Limited as of December 31, 2010 and 2009, and the results of its operations and its cash flows for the years then ended in conformity with the Guidelines Governing the Preparation of Financial Reports by Securities Issuers, requirements of the Business Accounting Law and Guidelines Governing Business Accounting with respect to financial accounting standards, and accounting principles generally accepted in the Republic of China.

As discussed in Note 3 to the financial statements, effective January 1, 2009, Taiwan Semiconductor Manufacturing Company Limited adopted the newly revised Statement of Financial Accounting Standards No. 10, Accounting for Inventories.

We have also audited, in accordance with the Rules Governing the Audit of Financial Statements by Certified Public Accountants and auditing standards generally accepted in the Republic of China, the consolidated financial statements of Taiwan Semiconductor Manufacturing Company Limited and subsidiaries as of and for the year ended December 31, 2010 on which we have issued an unqualified opinion and as of and for the year ended December 31, 2009 on which we have issued an unqualified opinion with an explanatory paragraph relating to the adoption of the newly revised Statement of Financial Accounting Standards No. 10, Accounting for Inventories.  
January 24, 2011

Notice to Readers

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

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

**Taiwan Semiconductor Manufacturing Company Limited****BALANCE SHEETS****DECEMBER 31, 2010 AND 2009****(In Thousands of New Taiwan Dollars, Except Par Value)**

	<b>2010</b>		<b>2009</b>	
	<b>Amount</b>	<b>%</b>	<b>Amount</b>	<b>%</b>
<b>ASSETS</b>				
<b>CURRENT ASSETS</b>				
Cash and cash equivalents (Notes 2 and 4)	\$ 109,511,130	15	\$ 117,043,543	20
Financial assets at fair value through profit or loss (Notes 2, 5 and 23)			181,743	
Available-for-sale financial assets (Notes 2, 6 and 23)	3,918,274			
Held-to-maturity financial assets (Notes 2, 7 and 23)	4,796,589	1	9,944,843	2
Receivables from related parties (Note 24)	25,733,974	4	22,541,773	4
Notes and accounts receivable	22,250,905	3	19,884,520	3
Allowance for doubtful receivables (Notes 2 and 8)	(488,000)		(431,000)	
Allowance for sales returns and others (Notes 2 and 8)	(7,341,444)	(1)	(8,583,632)	(1)
Other receivables from related parties (Note 24)	1,302,281		246,003	
Other financial assets (Note 25)	418,206		1,104,072	
Inventories (Notes 2, 3 and 9)	25,646,348	4	18,830,216	3
Deferred income tax assets (Notes 2 and 18)	5,133,775	1	4,063,410	1
Prepaid expenses and other current assets	1,352,244		1,006,046	
 Total current assets	 192,234,282	 27	 185,831,537	 32
 <b>LONG-TERM INVESTMENTS (Notes 2, 6, 7, 10, 11 and 23)</b>				
Investments accounted for using equity method	114,977,174	17	104,660,098	18
Available-for-sale financial assets	1,033,049		1,046,672	1
Held-to-maturity financial assets	1,405,698		12,219,055	2
Financial assets carried at cost	497,835		501,988	
 Total long-term investments	 117,913,756	 17	 118,427,813	 21
 <b>PROPERTY, PLANT AND EQUIPMENT (Notes 2, 12 and 24)</b>				
<b>Cost</b>				
Buildings	128,646,942	18	124,522,047	22
Machinery and equipment	852,733,592	122	713,426,126	123
Office equipment	11,730,537	2	10,781,099	2

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Accumulated depreciation	993,111,071 (706,605,445)	142 (101)	848,729,272 (627,764,323)	147 (109)
Advance payments and construction in progress	80,348,673	11	33,786,577	6
Net property, plant and equipment	366,854,299	52	254,751,526	44
<b>INTANGIBLE ASSETS</b>				
Goodwill (Note 2)	1,567,756		1,567,756	
Deferred charges, net (Notes 2 and 13)	5,456,427	1	5,891,685	1
Total intangible assets	7,024,183	1	7,459,441	1
<b>OTHER ASSETS</b>				
Deferred income tax assets (Notes 2 and 18)	7,154,266	1	7,763,643	1
Refundable deposits	8,638,749	2	2,698,116	1
Others (Notes 2 and 24)	1,420,131		494,546	
Total other assets	17,213,146	3	10,956,305	2
TOTAL	\$ 701,239,666	100	\$ 577,426,622	100

	<b>2010</b>		<b>2009</b>	
	<b>Amount</b>	<b>%</b>	<b>Amount</b>	<b>%</b>
<b>LIABILITIES AND SHAREHOLDERS EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Short-term loans (Note 14)	\$ 30,908,637	4	\$	
Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23)	7,834			
Accounts payable	10,559,283	2	9,678,849	2
Payables to related parties (Note 24)	2,574,450		2,039,342	
Income tax payable (Notes 2 and 18)	7,108,869	1	8,761,120	2
Salary and bonus payable	5,287,751	1	8,677,299	1
Accrued profit sharing to employees and bonus to directors (Notes 2 and 20)	10,959,469	2	6,771,338	1
Payables to contractors and equipment suppliers	41,992,198	6	28,756,884	5
Accrued expenses and other current liabilities (Notes 16 and 23)	8,623,769	1	7,886,263	1
Total current liabilities	118,022,260	17	72,571,095	12

## LONG-TERM LIABILITIES

Bonds payable (Notes 15 and 23)	4,500,000		4,500,000	1
Other long-term payables (Notes 16 and 23)			416,390	

Total long-term liabilities	4,500,000		4,916,390	1
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## OTHER LIABILITIES

Accrued pension cost (Notes 2 and 17)	3,824,601	1	3,807,176	1
Guarantee deposits (Note 27)	747,887		1,001,376	
Deferred credits (Notes 2 and 24)			47,873	

Total other liabilities	4,572,488	1	4,856,425	1
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Total liabilities	127,094,748	18	82,343,910	14
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## CAPITAL STOCK NT\$10 PAR VALUE (Note 20)

Authorized: 28,050,000 thousand shares				
Issued: 25,910,078 thousand shares in 2010				
25,902,706 thousand shares in 2009	259,100,787	37	259,027,066	45

CAPITAL SURPLUS (Notes 2 and 20)	55,698,434	8	55,486,010	10
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## RETAINED EARNINGS (Note 20)

Appropriated as legal capital reserve	86,239,494	12	77,317,710	13
Appropriated as special capital reserve	1,313,047			
Unappropriated earnings	178,227,030	26	104,564,972	18
	265,779,571	38	181,882,682	31

## OTHERS (Notes 2 and 23)

Cumulative translation adjustments	(6,543,163)	(1)	(1,766,667)	
Unrealized gain on financial instruments	109,289		453,621	
	(6,433,874)	(1)	(1,313,046)	

Total shareholders' equity	574,144,918	82	495,082,712	86
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TOTAL	\$ 701,239,666	100	\$ 577,426,622	100
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The accompanying notes are an integral part of the financial statements.  
(With Deloitte & Touche audit report dated January 24, 2011)

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**Taiwan Semiconductor Manufacturing Company Limited**  
**STATEMENTS OF INCOME**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2010		2009	
	Amount	%	Amount	%
GROSS SALES (Notes 2 and 24)	\$ 418,666,448		\$ 299,471,214	
SALES RETURNS AND ALLOWANCES (Notes 2 and 8)	11,703,136		13,728,346	
NET SALES	406,963,312	100	285,742,868	100
COST OF SALES (Notes 3, 9, 19 and 24)	209,921,268	52	159,106,619	56
GROSS PROFIT	197,042,044	48	126,636,249	44
UNREALIZED GROSS PROFIT FROM AFFILIATES (Note 2)	52,742		160,279	
REALIZED GROSS PROFIT	196,989,302	48	126,475,970	44
OPERATING EXPENSES (Notes 19 and 24)				
Research and development	27,623,299	7	19,688,032	7
General and administrative	11,681,756	3	10,238,131	3
Marketing	2,837,739		2,027,454	1
Total operating expenses	42,142,794	10	31,953,617	11
INCOME FROM OPERATIONS	154,846,508	38	94,522,353	33
NON-OPERATING INCOME AND GAINS				
Equity in earnings of equity method investees, net (Notes 2 and 10)	7,111,443	2		
Settlement income (Note 27)	6,939,764	2	1,464,915	1
Interest income	764,027		1,117,374	
Technical service income (Notes 24 and 27)	446,746		375,118	
Valuation gain on financial instruments, net (Notes 2, 5 and 23)	312,862		587,151	
Others (Notes 2 and 24)	333,126		576,951	

Total non-operating income and gains	15,907,968	4	4,121,509	1
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**Taiwan Semiconductor Manufacturing Company Limited**  
**STATEMENTS OF INCOME**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	<b>2010</b>		<b>2009</b>	
	<b>Amount</b>	<b>%</b>	<b>Amount</b>	<b>%</b>
<b>NON-OPERATING EXPENSES AND LOSSES</b>				
Loss on disposal of property, plant and equipment (Note 2)	\$ 838,750		\$ 58,242	
Interest expense	214,641		142,026	
Casualty loss (Note 9)	190,992			
Foreign exchange loss, net (Note 2)	58,737		630,455	
Equity in losses of equity method investees, net (Notes 2 and 10)			2,695,720	1
Others (Note 2)	161,152		136,397	
 Total non-operating expenses and losses	 1,464,272		 3,662,840	 1
 INCOME BEFORE INCOME TAX	 169,290,204	 42	 94,981,022	 33
INCOME TAX EXPENSE (Notes 2 and 18)	7,685,195	2	5,763,186	2
 NET INCOME	 \$ 161,605,009	 40	 \$ 89,217,836	 31

	<b>2010</b>		<b>2009</b>	
	<b>Before Income Tax</b>	<b>After Income Tax</b>	<b>Before Income Tax</b>	<b>After Income Tax</b>
<b>EARNINGS PER SHARE (NT\$, Note 22)</b>				
Basic earnings per share	\$ 6.53	\$ 6.24	\$ 3.68	\$ 3.45
Diluted earnings per share	\$ 6.53	\$ 6.23	\$ 3.67	\$ 3.44

The accompanying notes are an integral part of the financial statements.  
(With Deloitte & Touche audit report dated January 24, 2011)

(Concluded)

**Taiwan Semiconductor Manufacturing Company Limited**  
**STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars, Except Dividends Per Share)

Capital Stock	Common			Retained Earnings			Others	
Stock	Stock		Legal	Special	Unappropriated		Cumulative	Unrealized
Shares	Amount	Capital	Capital	Capital	Earnings	Total	Translation	Gain
(In		Surplus	Reserve	Reserve	Earnings		Adjustments	(Loss) on
Thousands)							Instruments	
25,625,437	\$ 256,254,373	\$ 49,875,255	\$ 67,324,393	\$ 391,857	\$ 102,337,417	\$ 170,053,667	\$ 481,158	\$ (287,342)
			9,993,317		(9,993,317)			
				(391,857)	391,857			
					(76,876,312)	(76,876,312)		
51,251	512,509				(512,509)	(512,509)		
141,870	1,418,699	6,076,289						
76,876	768,763	(768,763)						
					89,217,836	89,217,836		
		115,418						

								(2,247,825)	
7,272	72,722	187,811							14,014
									726,949
25,902,706	259,027,066	55,486,010	77,317,710		104,564,972	181,882,682	(1,766,667)		453,621
			8,921,784		(8,921,784)				
				1,313,047	(1,313,047)				
					(77,708,120)	(77,708,120)			
					161,605,009	161,605,009			
		(17,885)						(4,776,496)	
7,372	73,721	171,103							(441,978)
		59,206							97,646

1,  
25,910,078 \$ 259,100,787 \$ 55,698,434 \$ 86,239,494 \$ 1,313,047 \$ 178,227,030 \$ 265,779,571 \$ (6,543,163) \$ 109,289

The accompanying notes are an integral part of the financial statements.  
(With Deloitte & Touche audit report dated January 24, 2011)

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**Taiwan Semiconductor Manufacturing Company Limited**  
**STATEMENTS OF CASH FLOWS**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars)

	2010	2009
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Net income	\$ 161,605,009	\$ 89,217,836
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	83,366,121	74,327,868
Unrealized gross profit from affiliates	52,742	160,279
Amortization of premium/discount of financial assets	18,611	6,322
Gain on disposal of available-for-sale financial assets, net		(37,370)
Gain on held-to-maturity financial assets redeemed by the issuer		(16,091)
Loss on disposal of financial assets carried at cost	1,263	97
Equity in losses (earnings) of equity method investees, net	(7,111,443)	2,695,720
Cash dividends received from equity method investees	422,490	1,402,592
Loss (gain) on disposal of property, plant and equipment and other assets, net	761,298	(138,613)
Settlement income from receiving equity securities	(4,434,364)	
Deferred income tax	(373,253)	(1,678,381)
Changes in operating assets and liabilities:		
Decrease (increase) in:		
Financial assets and liabilities at fair value through profit or loss	189,577	(222,901)
Receivables from related parties	(3,192,201)	(10,813,569)
Notes and accounts receivable	(2,366,385)	(8,443,344)
Allowance for doubtful receivables	57,000	(5,746)
Allowance for sales returns and others	(1,242,188)	2,715,050
Other receivables from related parties	85,830	235,470
Other financial assets	904,157	(392,317)
Inventories	(6,816,132)	(6,022,280)
Prepaid expenses and other current assets	(445,797)	290,470
Increase (decrease) in:		
Accounts payable	624,608	4,925,758
Payables to related parties	535,108	836,992
Income tax payable	(1,652,251)	(461,691)
Salary and bonus payable	(3,389,548)	7,075,402
Accrued profit sharing to employees and bonus to directors	4,188,131	(881,731)
Accrued expenses and other current liabilities	265,241	1,259,544
Accrued pension cost	17,425	97,167
Deferred credits	(47,873)	(230,487)
Net cash provided by operating activities	222,023,176	155,902,046

(Continued)

**Taiwan Semiconductor Manufacturing Company Limited**  
**STATEMENTS OF CASH FLOWS**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
**(In Thousands of New Taiwan Dollars)**

	<b>2010</b>	<b>2009</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Acquisitions of:		
Property, plant and equipment	\$ (182,335,032)	\$ (86,970,843)
Held-to-maturity financial assets		(10,803,805)
Investments accounted for using equity method	(8,262,519)	(320,443)
Financial assets carried at cost	(480)	(1,411)
Proceeds from disposal or redemption of:		
Available-for-sale financial assets		1,037,370
Held-to-maturity financial assets	15,943,000	6,293,000
Financial assets carried at cost	3,370	18,828
Property, plant and equipment and other assets	387,735	71,850
Proceeds from return of capital by investees		27,753
Increase in deferred charges	(1,538,301)	(1,347,228)
Decrease (increase) in refundable deposits	(5,940,633)	21,621
Increase in other assets	(1,004,581)	
Net cash used in investing activities	(182,747,441)	(91,973,308)
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Increase in short-term loans	30,908,637	
Repayment of bonds payable		(8,000,000)
Decrease in guarantee deposits	(253,489)	(477,776)
Proceeds from exercise of employee stock options	244,824	260,533
Cash dividends	(77,708,120)	(76,876,312)
Net cash used in financing activities	(46,808,148)	(85,093,555)
NET DECREASE IN CASH AND CASH EQUIVALENTS	(7,532,413)	(21,164,817)
CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	117,043,543	138,208,360
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 109,511,130	\$ 117,043,543
<b>SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION</b>		
Interest paid	\$ 200,892	\$ 351,803



Income tax paid	\$ 9,640,396	\$ 7,791,196
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INVESTING ACTIVITIES AFFECTING BOTH CASH AND NON-CASH ITEMS

Acquisition of property, plant and equipment	\$ 195,950,918	\$ 108,592,471
Increase in payables to contractors and equipment suppliers	(13,491,140)	(21,620,819)
Nonmonetary exchange trade-out price	(124,746)	(809)

Cash paid	\$ 182,335,032	\$ 86,970,843
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**Taiwan Semiconductor Manufacturing Company Limited**  
**STATEMENTS OF CASH FLOWS**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
**(In Thousands of New Taiwan Dollars)**

	<b>2010</b>	<b>2009</b>
Disposal of property, plant and equipment and other assets	\$ 1,872,880	\$ 64,390
Decrease (increase) in other receivables from related parties	(1,142,108)	8,269
Increase in other financial assets	(218,291)	
Nonmonetary exchange trade-out price	(124,746)	(809)
Cash received	\$ 387,735	\$ 71,850
<b>NON-CASH FINANCING ACTIVITIES</b>		
Current portion of other long-term payables (under accrued expenses and other current liabilities)	\$ 718,637	\$ 769,144

The accompanying notes are an integral part of the financial statements.  
(With Deloitte & Touche audit report dated January 24, 2011)

(Concluded)

**Taiwan Semiconductor Manufacturing Company Limited**

**NOTES TO FINANCIAL STATEMENTS**

**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**

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

**1. GENERAL**

Taiwan Semiconductor Manufacturing Company Limited (the Company or TSMC), a Republic of China (R.O.C.) corporation, was incorporated on February 21, 1987. The Company is a dedicated foundry in the semiconductor industry which engages mainly in the manufacturing, selling, packaging, testing and computer-aided design of integrated circuits and other semiconductor devices and the manufacturing of masks. Beginning in 2010, the Company also engages in the researching, developing, designing, manufacturing and selling of LED lighting devices and related applications products and systems, and renewable energy and efficiency related technologies and products. On September 5, 1994, its shares were listed on the Taiwan Stock Exchange (TSE). On October 8, 1997, TSMC listed some of its shares of stock on the New York Stock Exchange (NYSE) in the form of American Depositary Shares (ADSs).

As of December 31, 2010 and 2009, the Company had 33,232 and 22,292 employees, respectively.

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The financial statements are presented in conformity with the Guidelines Governing the Preparation of Financial Reports by Securities Issuers, Business Accounting Law, Guidelines Governing Business Accounting, and accounting principles generally accepted in the R.O.C.

For the convenience of readers, the accompanying financial statements have been translated into English from the original Chinese version prepared and used in the R.O.C. 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 financial statements shall prevail.

Significant accounting policies are summarized as follows:

**Use of Estimates**

The preparation of financial statements in conformity with the aforementioned guidelines, law and principles requires management to make reasonable assumptions and estimates of matters that are inherently uncertain. The actual results may differ from management's estimates.

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

Current assets are assets held for trading purposes and assets expected to be converted to cash, sold or consumed within one year from the balance sheet date. Current liabilities are obligations incurred for trading purposes and obligations expected to be settled within one year from the balance sheet date. Assets and liabilities that are not classified as current are noncurrent assets and liabilities, respectively.

**Cash Equivalents**

Repurchase agreements collateralized by government bonds acquired with maturities of less than three months from the date of purchase are classified as cash equivalents. The carrying amount approximates fair value due to

their short term nature.

### **Financial Assets/Liabilities at Fair Value Through Profit or Loss**

Derivatives that do not meet the criteria for hedge accounting are initially recognized at fair value, with transaction costs expensed as incurred. The derivatives are remeasured at fair value subsequently with changes in fair value recognized in earnings. A regular way purchase or sale of financial assets is accounted for using settlement date accounting.

Fair value is estimated using valuation techniques incorporating estimates and assumptions that are consistent with prevailing market conditions. When the fair value is positive, the derivative is recognized as a financial asset; when the fair value is negative, the derivative is recognized as a financial liability.

### **Available-for-sale Financial Assets**

Available-for-sale financial assets are initially recognized at fair value plus transaction costs that are directly attributable to the acquisition. Changes in fair value from subsequent remeasurement are reported as a separate component of shareholders' equity. The corresponding accumulated gains or losses are recognized in earnings when the financial asset is derecognized from the balance sheet. A regular way purchase or sale of financial assets is accounted for using settlement date accounting.

The fair value of overseas publicly traded stock is determined using the closing prices at the end of the year. The fair value of debt securities is determined using the average of bid and asked prices at the end of the year.

Any difference between the initial carrying amount of a debt security and the amount due at maturity is amortized using the effective interest method, with the amortization recognized in earnings.

If there is objective evidence which indicates that a financial asset is impaired, a loss is recognized. If, in a subsequent period, the amount of the impairment loss decreases, for equity securities, the previously recognized impairment loss is reversed to the extent of the decrease and recorded as an adjustment to shareholders' equity; for debt securities, the amount of the decrease is recognized in earnings, provided that the decrease is clearly attributable to an event which occurred after the impairment loss was recognized.

### **Held-to-maturity Financial Assets**

Debt securities for which the Company has a positive intention and ability to hold to maturity are categorized as held-to-maturity financial assets and are carried at amortized cost. Those financial assets are initially recognized at fair value plus transaction costs that are directly attributable to the acquisition. Gains or losses are recognized at the time of derecognition, impairment or amortization. A regular way purchase or sale of financial assets is accounted for using settlement date accounting.

If there is objective evidence which indicates that a financial asset is impaired, a loss is recognized. If, in a subsequent period, the amount of the impairment loss decreases and the decrease is clearly attributable to an event which occurred after the impairment loss was recognized, the previously recognized impairment loss is reversed to the extent of the decrease. The reversal may not result in a carrying amount that exceeds the amortized cost that would have been determined as if no impairment loss had been recognized.

### **Allowance for Doubtful Receivables**

An allowance for doubtful receivables is provided based on a review of the collectability of receivables. The Company determines the amount of the allowance for doubtful receivables with a charge of 1% of the amount of outstanding receivables considering the account aging analysis and current trends in the credit quality of its

customers.

### **Revenue Recognition and Allowance for Sales Returns and Others**

The Company recognizes revenue when evidence of an arrangement exists, the rewards of ownership and significant risk of the goods has been transferred to the buyer, price is fixed or determinable, and collectability is reasonably assured. Provisions for estimated sales returns and other allowances are recorded in the year the related revenue is recognized, based on historical experience, management's judgment, and any known factors that would significantly affect the allowance.

Sales prices are determined using fair value taking into account related sales discounts agreed to by the Company and its customers. Sales agreements typically provide that payment is due 30 days from invoice date for a majority of the customers and 30 to 45 days after the end of the month in which sales occur for some customers. Since the receivables from sales are collectible within one year and such transactions are frequent, fair value of the receivables is equivalent to the nominal amount of the cash to be received.

### **Inventories**

Inventories are recorded at standard cost and adjusted to approximate weighted-average cost on the balance sheet date.

Prior to January 1, 2009, inventories were stated at the lower of cost or market value. Any write-down was made on a total-inventory basis. Market value represented replacement cost for raw materials, supplies and spare parts and net realizable value for work in process and finished goods.

As stated in Note 3, effective January 1, 2009, inventories are stated at the lower of cost or net realizable value. Inventory write-downs are made on an item-by-item basis, 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 necessary selling costs.

### **Investments Accounted for Using Equity Method**

Investments in companies wherein the Company exercises significant influence over the operating and financial policy decisions are accounted for using the equity method. The Company's share of the net income or net loss of an investee is recognized in the equity in earnings/losses of equity method investees, net account. The cost of an investment shall be analyzed and the cost of investment in excess of the fair value of identifiable net assets acquired, representing goodwill, shall not be amortized. If the fair value of identifiable net assets acquired exceeds the cost of investment, the excess shall be proportionately allocated as reductions to fair values of non-current assets (except for financial assets other than investments accounted for using the equity method and deferred income tax assets). When an indication of impairment is identified, the carrying amount of the investment is reduced, with the related impairment loss recognized in earnings.

When the Company subscribes for additional investee's shares at a percentage different from its existing ownership percentage, the resulting carrying amount of the investment in the investee differs from the amount of the Company's share of the investee's equity. The Company records such a difference as an adjustment to long-term investments with the corresponding amount charged or credited to capital surplus.

Gains or losses on sales from the Company to equity method investees are deferred in proportion to the Company's ownership percentages in the investees until such gains or losses are realized through transactions with third parties. The entire amount of the gains or losses on sales to investees over which the Company has a controlling interest is deferred until such gains or losses are realized through subsequent sales of the related products to third parties. Gains or losses on sales from equity method investees to the Company are deferred in

proportion to the Company's ownership percentages in the investees until they are realized through transactions with third parties. Gains or losses on sales between equity method investees over each of which the Company has control are deferred in proportion to the Company's weighted-average ownership percentage in the investee which records gains or losses. In transactions between equity method investees over either or both of which the Company has no control, gains or losses on sales are

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deferred in proportion to the multiplication of the Company's weighted-average ownership percentages in the investees. Such gains or losses are recorded until they are realized through transactions with third parties.

If an investee's functional currency is a foreign currency, differences will result from the translation of the investee's financial statements into the reporting currency of the Company. Such differences are charged or credited to cumulative translation adjustments, a separate component of shareholders' equity.

### **Financial Assets Carried at Cost**

Investments for which the Company does not exercise significant influence and that do not have a quoted market price in an active market and whose fair value cannot be reliably measured, such as non-publicly traded stocks and mutual funds, are carried at their original cost. The costs of non-publicly traded stocks and mutual funds are determined using the weighted-average method. If there is objective evidence which indicates that a financial asset is impaired, a loss is recognized. A subsequent reversal of such impairment loss is not allowed.

Cash dividends are recognized as investment income upon resolution of shareholders of an investee but are accounted for as a reduction to the original cost of investment if such dividends are declared on the earnings of the investee attributable to the period prior to the purchase of the investment. Stock dividends are recorded as an increase in the number of shares held and do not affect investment income. The cost per share is recalculated based on the new total number of shares.

### **Property, Plant and Equipment and Assets Leased to Others**

Property, plant and equipment and assets leased to others are stated at cost less accumulated depreciation. When an indication of impairment is identified, any excess of the carrying amount of an asset over its recoverable amount is recognized as a loss. If the recoverable amount increases in a subsequent period, the amount previously recognized as impairment would be reversed and recognized as a gain. However, the adjusted amount may not exceed the carrying amount that would have been determined, net of depreciation, as if no impairment loss had been recognized. Significant additions, renewals and betterments incurred during the construction period are capitalized. Maintenance and repairs are expensed as incurred.

Depreciation is computed using the straight-line method over the following estimated service lives: buildings 10 to 20 years; machinery and equipment 5 years; and office equipment 3 to 5 years.

Upon sale or disposal of property, plant and equipment and assets leased to others, the related cost and accumulated depreciation are deducted from the corresponding accounts, with any gain or loss recorded as non-operating gains or losses in the year of sale or disposal.

### **Intangible Assets**

Goodwill represents the excess of the consideration paid for acquisition over the fair value of identifiable net assets acquired. Goodwill is no longer amortized and instead is tested for impairment annually. If an event occurs or circumstances change which indicate that the fair value of goodwill is more likely than not below its carrying amount, an impairment loss is recognized. A subsequent reversal of such impairment loss is not allowed.

Deferred charges consist of technology license fees, software and system design costs and patent and others. The amounts are amortized over the following periods: Technology license fees the estimated life of the technology or the term of the technology transfer contract; software and system design costs 3 years; patent and others the economic life or contract period. When an indication of impairment is identified, any excess of the carrying amount of an asset over its recoverable amount is recognized as a loss. If the recoverable amount increases in a

subsequent period, the previously recognized impairment loss would be reversed and recognized as a gain.  
However, the adjusted amount may not exceed the carrying

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amount that would have been determined, net of amortization, as if no impairment loss had been recognized.

Expenditures related to research activities and those related to development activities that do not meet the criteria for capitalization are charged to expense when incurred.

### **Pension Costs**

For employees who participate in defined contribution pension plans, pension costs are recorded based on the actual contributions made to employees' individual pension accounts during their service periods. For employees who participate in defined benefit pension plans, pension costs are recorded based on actuarial calculations.

### **Income Tax**

The Company applies an inter-period allocation for its income tax whereby deferred income tax assets and liabilities are recognized for the tax effects of temporary differences and unused tax credits. Valuation allowances are provided to the extent, if any, that it is more likely than not that deferred income tax assets will not be realized. A deferred tax asset or liability is classified as current or noncurrent in accordance with the classification of its related asset or liability. However, if a deferred tax asset or liability does not relate to an asset or liability in the financial statements, then it is classified as either current or noncurrent based on the expected length of time before it is realized or settled.

Any tax credits arising from purchases of machinery, equipment and technology, research and development expenditures, personnel training expenditures, and investments in important technology-based enterprises are recognized using the flow-through method.

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

Income tax on unappropriated earnings at a rate of 10% is expensed in the year of shareholder approval which is the year subsequent to the year the earnings are generated.

### **Stock-based Compensation**

Employee stock options that were granted or modified in the period from January 1, 2004 to December 31, 2007 are accounted for by the interpretations issued by the Accounting Research and Development Foundation of the Republic of China. The Company adopted the intrinsic value method and any compensation cost determined using this method is recognized in earnings over the employee vesting period. Employee stock option plans that were granted or modified after December 31, 2007 are accounted for using fair value method in accordance with Statement of Financial Accounting Standards No. 39, Accounting for Share-based Payment. The Company did not grant or modify any employee stock options since January 1, 2008.

### **Profit Sharing to Employees and Bonus to Directors**

Effective January 1, 2008, the Company adopted Interpretation 2007-052, Accounting for Bonuses to Employees, Directors and Supervisors, which requires companies to record profit sharing to employees and bonus to directors as an expense rather than as an appropriation of earnings.

### **Foreign-currency Transactions**

Foreign-currency transactions other than derivative contracts are recorded in New Taiwan dollars at the rates of exchange in effect when the transactions occur. Exchange gains or losses derived from foreign-currency

transactions or monetary assets and liabilities denominated in foreign currencies are recognized in earnings.

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At the balance sheet date, monetary assets and liabilities denominated in foreign currencies are revalued at prevailing exchange rates with the resulting gains or losses recognized in earnings.

### 3. ACCOUNTING CHANGES

Effective January 1, 2009, the Company adopted the newly revised Statement of Financial Accounting Standards (SFAS) No. 10, Accounting for Inventories. The main revisions are (1) inventories are stated at the lower of cost or net realizable value, and inventories are written down to net realizable value on an item-by-item basis except when the grouping of similar or related items is appropriate; (2) unallocated overheads are recognized as expenses in the year in which they are incurred; and (3) abnormal cost, write-downs of inventories and any reversal of write-downs are recorded as cost of sales for the year. Such changes in accounting principle did not have significant effect on the Company's financial statements for the year ended December 31, 2009.

### 4. CASH AND CASH EQUIVALENTS

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Cash and deposits in banks	\$ 108,735,942	\$ 114,023,307
Repurchase agreements collateralized by government bonds	775,188	3,020,236
	<b>\$ 109,511,130</b>	<b>\$ 117,043,543</b>

### 5. FINANCIAL ASSETS AND LIABILITIES AT FAIR VALUE THROUGH PROFIT OR LOSS

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Trading financial assets		
Cross currency swap contracts	\$	\$ 181,743
Trading financial liabilities		
Forward exchange contracts	\$ 7,834	\$

The Company entered into derivative contracts during the years ended December 31, 2010 and 2009 to manage exposures due to fluctuations of foreign exchange rates. The derivative contracts entered into by the Company did not meet the criteria for hedge accounting. Therefore, the Company did not apply hedge accounting treatment for its derivative contracts.

Outstanding forward exchange contracts consisted of the following:

	<b>Maturity Date</b>	<b>Contract Amount (In Thousands)</b>
December 31, 2010		
Sell NT\$/Buy JPY	January 2011 to February 2011	NT\$814,882/JPY2,278,420

Outstanding cross currency swap contracts consisted of the following:

<b>Maturity Date</b>	<b>Contract Amount (In Thousands)</b>	<b>Range of Interest Rates Paid</b>	<b>Range of Interest Rates Received</b>
December 31, 2009			
January 2010 to February 2010	US\$750,000/NT\$24,201,706	0.24%-0.70%	0.00%-0.38%

For the years ended December 31, 2010 and 2009, changes in fair value related to derivative financial instruments recognized in earnings was a net gain of NT\$312,862 thousand and NT\$587,151 thousand, respectively.

#### 6. AVAILABLE-FOR-SALE FINANCIAL ASSETS

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Overseas publicly traded stock	\$ 3,918,274	\$
Corporate bonds	1,033,049	1,046,672
	4,951,323	1,046,672
Current portion	(3,918,274)	
	\$ 1,033,049	\$ 1,046,672

#### 7. HELD-TO-MATURITY FINANCIAL ASSETS

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Corporate bonds	\$ 6,202,287	\$ 12,266,311
Structured time deposits		7,000,000
Government bonds		2,897,587
	6,202,287	22,163,898
Current portion	(4,796,589)	(9,944,843)
	\$ 1,405,698	\$ 12,219,055

Structured time deposits categorized as held-to-maturity financial assets consisted of the following:

	<b>Principal Amount</b>	<b>Interest Receivable</b>	<b>Range of Interest Rates</b>	<b>Maturity Date</b>
December 31, 2009				

Callable domestic deposits	\$ 7,000,000	\$ 4,308	0.36%-0.95%	July 2010 to August  2011 (redeemed by the issuer from February 2010 to July 2010)
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**8. ALLOWANCES FOR DOUBTFUL RECEIVABLES, SALES RETURNS AND OTHERS**

Movements of the allowance for doubtful receivables were as follows:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Balance, beginning of year	\$ 431,000	\$ 436,746
Provision	59,268	238,061
Write-off	(2,268)	(243,807)
Balance, end of year	\$ 488,000	\$ 431,000

Movements of the allowance for sales returns and others were as follows:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Balance, beginning of year	\$ 8,583,632	\$ 5,868,582
Provision	11,703,136	13,728,346
Write-off	(12,945,324)	(11,013,296)
Balance, end of year	\$ 7,341,444	\$ 8,583,632

**9. INVENTORIES**

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Finished goods	\$ 4,623,812	\$ 2,355,232
Work in process	18,128,677	14,230,318
Raw materials	1,681,525	1,420,466
Supplies and spare parts	1,212,334	824,200
	\$ 25,646,348	\$ 18,830,216

Write-down of inventories to net realizable value in the amount of NT\$792,951 thousand and NT\$199,732 thousand, respectively, were included in the cost of sales for the years ended December 31, 2010 and 2009. Inventory losses related to earthquake damage in the amount of NT\$190,992 thousand were classified under non-operating expenses and losses for the year ended December 31, 2010.



**10. INVESTMENTS ACCOUNTED FOR USING EQUITY METHOD**

	2010		December 31		2009	
	Carrying Amount	% of Owner-Ship	Carrying Amount	% of Owner-Ship	Carrying Amount	% of Owner-Ship
TSMC Global Ltd. (TSMC Global)	\$ 43,710,543	100	\$ 45,397,256	100		
TSMC Partners, Ltd. (TSMC Partners)	33,565,775	100	32,545,619	100		
Vanguard International Semiconductor Corporation (VIS)	9,422,452	38	9,365,232	37		
Systems on Silicon Manufacturing Company Pte Ltd. (SSMC)	7,120,714	39	6,157,141	39		
Motech Industries Inc. (Motech)	6,733,369	20				
TSMC China Company Limited (TSMC China)	4,252,270	100	2,961,043	100		
TSMC North America	2,873,888	100	2,723,727	100		
VentureTech Alliance Fund III, L.P. (VTAF III)	2,769,423	99	1,309,615	98		
Xintec Inc. (Xintec)	1,645,201	41	1,475,014	41		
Global UniChip Corporation (GUC)	1,113,516	35	983,126	35		
VentureTech Alliance Fund II, L.P. (VTAF II)	1,063,057	98	1,122,810	98		
Emerging Alliance Fund, L.P. (Emerging Alliance)	304,310	99	305,866	99		
TSMC Europe B.V. (TSMC Europe)	177,784	100	159,467	100		
TSMC Japan Limited (TSMC Japan)	150,312	100	135,663	100		
TSMC Solar North America, Inc. (TSMC Solar NA)	26,527	100				
TSMC Solar Europe B.V. (TSMC Solar Europe)	23,971	100				
TSMC Korea Limited (TSMC Korea)	20,929	100	18,519	100		
TSMC Lighting North America, Inc. (TSMC Lighting NA)	3,133	100				
	\$ 114,977,174		\$ 104,660,098			

For the renewable energy and efficiency related businesses development, the Company established wholly-owned subsidiaries, TSMC Solar NA, TSMC Solar Europe and TSMC Lighting NA, in the third quarter of 2010.

For the year ended December 31, 2010, the Company increased its investment in VTAF III for the amount of NT\$1,862,278 thousand, and the Company's percentage of ownership in VTAF III increased from 98% to 99%.

In February 2010, the Company subscribed to 75,316 thousand shares of Motech through a private placement for NT\$6,228,661 thousand; after the subscription, the Company's percentage of ownership in Motech was 20%. Transfer of the aforementioned common shares within three years is prohibited according to the related regulations.

For the years ended December 31, 2010 and 2009, equity in earnings/losses of equity method investees was a net gain of NT\$7,111,443 thousand and a net loss of NT\$2,695,720 thousand, respectively. Related equity in earnings/losses of equity method investees were determined based on the audited financial statements, except those of Emerging Alliance, TSMC Europe, TSMC Japan and TSMC Korea for the year ended December 31, 2010 and those of TSMC Europe, TSMC Japan and TSMC Korea for the year ended December 31, 2009. The Company believes that, had Emerging Alliance, TSMC Europe, TSMC Japan and TSMC Korea's financial statements been audited, any adjustments arising would have no material effect on the Company's financial statements.

As of December 31, 2010 and 2009, the quoted market price of publicly traded stocks in unrestricted investments accounted for using the equity method (VIS and GUC) were NT\$14,993,626 thousand and NT\$18,027,990 thousand, respectively.

Movements of the difference between the cost of investments and the Company's share in investees' net assets allocated to depreciable assets were as follows:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Balance, beginning of year	\$ 1,429,118	\$ 2,053,253
Additions	2,055,660	
Amortization	(980,282)	(624,135)
Balance, end of year	\$ 2,504,496	\$ 1,429,118

Movements of the difference allocated to goodwill were as follows:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Balance, beginning of year	\$ 1,061,885	\$ 1,061,885
Additions	353,680	
Balance, end of year	\$ 1,415,565	\$ 1,061,885

#### **11. FINANCIAL ASSETS CARRIED AT COST**

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Non-publicly traded stocks	\$ 338,584	\$ 338,584
Mutual funds	159,251	163,404
	\$ 497,835	\$ 501,988

**12. PROPERTY, PLANT AND EQUIPMENT****Year Ended December 31, 2010**

	<b>Balance, Beginning of Year</b>	<b>Additions</b>	<b>Disposals</b>	<b>Reclassification</b>	<b>Balance, End of Year</b>
Cost					
Buildings	\$ 124,522,047	\$ 4,262,592	\$ (135,497)	\$ (2,200)	\$ 128,646,942
Machinery and equipment	713,426,126	141,033,304	(1,867,880)	142,042	852,733,592
Office equipment	10,781,099	1,639,082	(689,202)	(442)	11,730,537
	848,729,272	\$ 146,934,978	\$ (2,692,579)	\$ 139,400	993,111,071
Accumulated depreciation					
Buildings	73,525,160	\$ 7,951,678	\$ (128,466)	\$ (495)	81,347,877
Machinery and equipment	545,693,910	72,528,436	(1,867,476)	140,337	616,495,207
Office equipment	8,545,253	906,714	(689,164)	(442)	8,762,361
	627,764,323	\$ 81,386,828	\$ (2,685,106)	\$ 139,400	706,605,445
Advance payments and construction in progress	33,786,577	\$ 49,015,940	\$ (2,453,844)	\$	80,348,673
	\$ 254,751,526				\$ 366,854,299

**Year Ended December 31, 2009**

	<b>Balance, Beginning of Year</b>	<b>Additions</b>	<b>Disposals</b>	<b>Reclassification</b>	<b>Balance, End of Year</b>
Cost					
Buildings	\$ 114,014,588	\$ 10,520,371	\$ (12,978)	\$ 66	\$ 124,522,047
Machinery and equipment	635,008,261	80,824,102	(2,408,802)	2,565	713,426,126
Office equipment	9,748,869	1,219,459	(187,163)	(66)	10,781,099
	758,771,718	\$ 92,563,932	\$ (2,608,943)	\$ 2,565	848,729,272
Accumulated depreciation					
Buildings	65,351,514	\$ 8,186,551	\$ (12,971)	\$ 66	73,525,160
Machinery and equipment	484,046,160	63,395,862	(1,750,677)	2,565	545,693,910
Office equipment	7,849,580	882,718	(186,979)	(66)	8,545,253
	557,247,254	\$ 72,465,131	\$ (1,950,627)	\$ 2,565	627,764,323
Advance payments and construction in progress	17,758,038	\$ 16,028,539	\$	\$	33,786,577

\$ 219,282,502

\$ 254,751,526

No interest was capitalized during the years ended December 31, 2010 and 2009.

**13. DEFERRED CHARGES, NET**

	<b>Balance, Beginning of Year</b>	<b>Year Ended December 31, 2010</b>		<b>Balance, End of Year</b>
		<b>Additions</b>	<b>Amortization</b>	
Technology license fees	\$ 2,979,801	\$	\$ (701,969)	\$ 2,277,832
Software and system design costs	1,646,973	1,327,183	(898,221)	2,075,935
Patent and others	1,264,911	211,118	(373,369)	1,102,660
	\$ 5,891,685	\$ 1,538,301	\$ (1,973,559)	\$ 5,456,427

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	Balance, Beginning of Year	Year Ended December 31, 2009		Balance, End of Year
		Additions	Amortization	
Technology license fees	\$ 3,786,251	\$	\$ (806,450)	\$ 2,979,801
Software and system design costs	1,559,857	861,783	(774,667)	1,646,973
Patent and others	1,055,353	485,445	(275,887)	1,264,911
	\$ 6,401,461	\$ 1,347,228	\$ (1,857,004)	\$ 5,891,685

#### 14. SHORT-TERM LOANS

	December 31, 2010
Unsecured loans: US\$864,000 thousand and EUR114,900 thousand, due in January 2011, and annual interest at 0.38%-0.65%	\$ 30,908,637

#### 15. BONDS PAYABLE

	December 31	
	2010	2009
Domestic unsecured bonds: Issued in January 2002 and repayable in January 2012, 3.00% interest payable annually	\$ 4,500,000	\$ 4,500,000

#### 16. OTHER LONG-TERM PAYABLES

The Company's long-term payables mainly resulted from license agreements for certain semiconductor-related patents.

As of December 31, 2010, the future payment of other long-term payable (classified under accrued expenses and other current liabilities) due in 2011 amounted to NT\$718,637 thousand.

#### 17. PENSION PLANS

The pension mechanism under the Labor Pension Act is deemed a defined contribution plan. Pursuant to the Act, the Company has made monthly contributions equal to 6% of each employee's monthly salary to employees' pension accounts and recognized pension costs of NT\$964,063 thousand and NT\$608,731 thousand for the years ended December 31, 2010 and 2009, respectively.

The Company has a defined benefit plan under the Labor Standards Law that provides benefits based on an employee's length of service and average monthly salary for the six-month period prior to retirement. The Company contributes an amount equal to 2% of salaries paid each month to a pension fund (the Fund), which is administered by the Labor Pension Fund Supervisory Committee (the Committee) and deposited in the Committee's name in the Bank of Taiwan.

Pension information on the defined benefit plan is summarized as follows:

a. Components of net periodic pension cost for the year

	<b>2010</b>	<b>2009</b>
Service cost	\$ 129,552	\$ 166,460
Interest cost	145,151	149,297
Projected return on plan assets	(39,939)	(56,170)
Amortization	1,061	29,134
Net periodic pension cost	\$ 235,825	\$ 288,721

b. Reconciliation of funded status of the plans and accrued pension cost at December 31, 2010 and 2009

	<b>2010</b>	<b>2009</b>
Benefit obligation		
Vested benefit obligation	\$ 189,047	\$ 123,524
Nonvested benefit obligation	5,390,113	3,754,388
Accumulated benefit obligation	5,579,160	3,877,912
Additional benefits based on future salaries	3,634,495	2,614,358
Projected benefit obligation	9,213,655	6,492,270
Fair value of plan assets	(2,853,535)	(2,612,295)
Funded status	6,360,120	3,879,975
Unrecognized net transition obligation	(82,991)	(91,291)
Prior service cost	154,738	161,977
Unrecognized net loss	(2,607,266)	(143,485)
Accrued pension cost	\$ 3,824,601	\$ 3,807,176
Vested benefit	\$ 208,176	\$ 135,501

**2010**                      **2009**

c. Actuarial assumptions at December 31, 2010 and 2009

Discount rate used in determining present values	1.75%	2.25%
Future salary increase rate	3.00%	3.00%
Expected rate of return on plan assets	2.50%	1.50%

d. Contributions to the Fund for the year	\$ 209,459	\$ 191,554
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e. Payments from the Fund for the year	\$ 19,991	\$ 37,801
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**18. INCOME TAX**

- a. A reconciliation of income tax expense based on income before income tax at the statutory rates and income tax currently payable was as follows:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Income tax expense based on income before income tax at statutory rate (17% and 25% for 2010 and 2009, respectively)	\$ 28,779,335	\$ 23,745,246
Tax effect of the following:		
Tax-exempt income	(16,669,784)	(8,621,941)
Temporary and permanent differences	(704,252)	3,124,974
Others		247,050
Additional tax at 10% on unappropriated earnings	127,489	
Income tax credits used	(4,823,988)	(9,914,570)
Income tax currently payable	\$ 6,708,800	\$ 8,580,759

- b. Income tax expense consisted of the following:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Income tax currently payable	\$ 6,708,800	\$ 8,580,759
Income tax adjustments on prior years	980,428	(1,155,113)
Other income tax adjustments	369,220	15,921
Net change in deferred income tax assets		
Investment tax credits	(7,243,473)	(1,119,523)
Temporary differences	16,790	41,456
Valuation allowance	6,853,430	(600,314)
Income tax expense	\$ 7,685,195	\$ 5,763,186

- c. Net deferred income tax assets consisted of the following:

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Current deferred income tax assets		
Investment tax credits	\$ 4,182,893	\$ 3,210,254
Temporary differences		
Allowance for sales returns and others	624,023	794,507
Unrealized gain/loss on financial instruments	87,735	
Others	239,124	58,649
	\$ 5,133,775	\$ 4,063,410



Noncurrent deferred income tax assets		
Investment tax credits	\$ 17,792,321	\$ 11,521,487
Temporary differences		
Depreciation	1,981,915	1,909,152
Others	32,792	132,336
Valuation allowance	(12,652,762)	(5,799,332)
	\$ 7,154,266	\$ 7,763,643

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Effective in May 2009 and June 2010, the Article 5 of the Income Tax Law of the Republic of China was amended, in which the income tax rate of profit-seeking enterprises would be reduced from 25% to 20% and from 20% to 17%, respectively. The last amended income tax rate of 17% is retroactively applied on January 1, 2010. The Company recalculated its deferred tax assets in accordance with the new amended Article and adjusted the resulting difference as an income tax expense in 2010 and 2009, respectively.

Under Article 10 of the Statute for Industrial Innovation (SII) legislated and effective in May 2010, a profit-seeking enterprise may deduct up to 15% of its research and development expenditures from its income tax payable for the year in which these expenditures are incurred, but this deduction should not exceed 30% of the income tax payable for that year. This incentive is retroactive to January 1, 2010 and effective until December 31, 2019.

d. Integrated income tax information:

The balance of the imputation credit account as of December 31, 2010 and 2009 was NT\$1,669,533 thousand and NT\$369,265 thousand, respectively.

The estimated and actual creditable ratios for distribution of earnings of 2010 and 2009 were 4.70% and 9.85%, respectively.

The imputation credit allocated to shareholders is based on its balance as of the date of dividend distribution. The estimated creditable ratio may change when the actual distribution of imputation credit is made.

e. All earnings generated prior to December 31, 1997 have been appropriated.

f. As of December 31, 2010, investment tax credits consisted of the following:

Law/Statute	Item	Total Creditable Amount	Remaining Creditable Amount	Expiry Year
Statute for Upgrading Industries	Purchase of machinery and equipment	\$ 3,212,913	\$ 2,512,408	2012
		6,033,745	6,033,745	2013
		6,361,790	6,361,790	2014
		\$ 15,608,448	\$ 14,907,943	
Statute for Upgrading Industries	Research and development expenditures	\$ 1,000,000	\$	2010
		1,054,194		2011
		2,691,517	2,691,517	2012
		4,328,009	4,328,009	2013
		\$ 9,073,720	\$ 7,019,526	

Statute for Upgrading Industries	Personnel training expenditures	\$ 19,293	\$	2011
		30,624	30,624	2012
		17,121	17,121	2013
	\$ 67,038	\$ 47,745		

Statute for Industrial Innovation	Research and development expenditures	\$ 2,049,996	\$	2010
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g. The profits generated from the following projects are exempt from income tax for a five-year period:

	<b>Tax-exemption Period</b>
Construction and expansion of 2001	2006 to 2010
Construction and expansion of 2003	2007 to 2011
Construction and expansion of 2004	2008 to 2012
Construction and expansion of 2005	2010 to 2014

h. The tax authorities have examined income tax returns of the Company through 2007. All investment tax credit adjustments assessed by the tax authorities have been recognized accordingly.

#### **19. LABOR COST, DEPRECIATION AND AMORTIZATION**

	<b>Year Ended December 31, 2010</b>		
	<b>Classified as Cost of Sales</b>	<b>Classified as Operating Expenses</b>	<b>Total</b>
Labor cost			
Salary and bonus	\$ 24,222,823	\$ 17,849,735	\$ 42,072,558
Labor and health insurance	973,364	550,731	1,524,095
Pension	765,872	433,932	1,199,804
Meal	566,425	229,247	795,672
Welfare	228,218	133,376	361,594
Others	63,384	26,614	89,998
	\$ 26,820,086	\$ 19,223,635	\$ 46,043,721
Depreciation	\$ 76,219,816	\$ 5,150,747	\$ 81,370,563
Amortization	\$ 1,242,824	\$ 730,735	\$ 1,973,559

	<b>Year Ended December 31, 2009</b>		
	<b>Classified as Cost of Sales</b>	<b>Classified as Operating Expenses</b>	<b>Total</b>
Labor cost			
Salary and bonus	\$ 15,874,268	\$ 12,218,675	\$ 28,092,943
Labor and health insurance	630,735	385,013	1,015,748
Pension	557,206	340,181	897,387
Meal	414,749	180,542	595,291
Welfare	155,795	97,282	253,077

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Others	97,229	19,108	116,337
	\$ 17,729,982	\$ 13,240,801	\$ 30,970,783
Depreciation	\$ 68,606,242	\$ 3,842,623	\$ 72,448,865
Amortization	\$ 1,199,386	\$ 657,618	\$ 1,857,004

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**20. SHAREHOLDERS EQUITY**

As of December 31, 2010, 1,096,448 thousand ADSs of the Company were traded on the NYSE. The number of common shares represented by the ADSs was 5,482,242 thousand (one ADS represents five common shares). Capital surplus can only be used to offset a deficit under the Company Law. However, the capital surplus generated from donations and the excess of the issuance price over the par value of capital stock (including the stock issued for new capital, mergers, convertible bonds and the surplus from treasury stock transactions) may be appropriated as stock dividends, which are limited to a certain percentage of the Company's paid-in capital. In addition, the capital surplus from long-term investments may not be used for any purpose. Capital surplus consisted of the following:

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Additional paid-in capital	\$ 23,628,908	\$ 23,457,805
From merger	22,805,390	22,805,390
From convertible bonds	8,893,190	8,893,190
From long-term investments	370,891	329,570
Donations	55	55
	<b>\$ 55,698,434</b>	<b>\$ 55,486,010</b>

The Company's Articles of Incorporation provide that, when allocating the net profits for each fiscal year, the Company shall first offset its losses in previous years and then set aside the following items accordingly:

- a. Legal capital reserve at 10% of the profits left over, until the accumulated legal capital reserve equals the Company's paid-in capital;
- b. Special capital reserve in accordance with relevant laws or regulations or as requested by the authorities in charge;
- c. Bonus to directors and profit sharing to employees of the Company of not more than 0.3% and not less than 1% of the remainder, respectively. Directors who also serve as executive officers of the Company are not entitled to receive the bonus to directors. The Company may issue profit sharing to employees in stock of an affiliated company meeting the conditions set by the Board of Directors or, by the person duly authorized by the Board of Directors;
- d. Any balance left over shall be allocated according to the resolution of the shareholders' meeting.

The Company's Articles of Incorporation also provide that profits of the Company may be distributed by way of cash dividend and/or stock dividend. However, distribution of profits shall be made preferably by way of cash dividend. Distribution of profits may also be made by way of stock dividend; provided that the ratio for stock dividend shall not exceed 50% of the total distribution.

Any appropriations of the profits are subject to shareholder's approval in the following year.

The Company accrued profit sharing to employees as a charge to earnings of certain percentage of net income during the year amounted to NT\$10,908,338 thousand and NT\$6,691,338 thousand for the years ended December 2010 and 2009, respectively; bonuses to directors were accrued with an estimate based on historical experience. If the actual amounts subsequently resolved by the shareholders differ from the estimated amounts, the differences are recorded in the year of shareholders' resolution as a change in accounting estimate. If profit sharing is resolved to be distributed to employees in stock, the number of shares is determined by dividing the amount of profit sharing by the closing price (after considering the effect of dividends) of the shares on the day preceding the shareholders' meeting.

The Company no longer has supervisors since January 1, 2007. The required duties of supervisors are being fulfilled by the Audit Committee.

The appropriation for legal capital reserve shall be made until the reserve equals the Company's paid-in capital. The reserve may be used to offset a deficit, or be distributed as dividends and bonuses for the portion in excess of 50% of the paid-in capital if the Company has no unappropriated earnings and the reserve balance has exceeded 50% of the Company's paid-in capital. The Company Law also prescribes that, when the reserve has reached 50% of the Company's paid-in capital, up to 50% of the reserve may be transferred to capital.

A special capital reserve equivalent to the net debit balance of the other components of shareholders' equity (for example, cumulative translation adjustments and unrealized loss on financial instruments, but excluding treasury stock) shall be made from unappropriated earnings pursuant to existing regulations promulgated by the Securities and Futures Bureau (SFB). Any special reserve appropriated may be reversed to the extent that the net debit balance reverses.

The appropriations of earnings for 2009 and 2008 had been approved in the shareholders' meetings held on June 15, 2010 and June 10, 2009, respectively. The appropriations and dividends per share were as follows:

	Appropriation of Earnings		Dividends Per Share	
			(NT\$)	
	For Fiscal Year 2009	For Fiscal Year 2008	For Fiscal Year 2009	For Fiscal Year 2008
Legal capital reserve	\$ 8,921,784	\$ 9,993,317		
Special capital reserve	1,313,047	(391,857)		
Cash dividends to shareholders	77,708,120	76,876,312	\$ 3.00	\$ 3.00
Stock dividends to shareholders		512,509		0.02
	\$ 87,942,951	\$ 86,990,281		

TSMC's profit sharing to employees to be paid in cash and bonus to directors in the amounts of NT\$6,691,338 thousand and NT\$67,692 thousand for 2009, respectively, and profit sharing to employees to be paid in cash and in stock as well as bonus to directors in the amounts of NT\$7,494,988 thousand, NT\$7,494,988 thousand and NT\$158,080 thousand for 2008, respectively, had been approved in the shareholders' meeting held on June 15, 2010 and June 10, 2009, respectively. The profit sharing to employees in stock of 141,870 thousand shares for 2008 was determined by the closing price of the Company's common shares (after considering the effect of dividends) of the day immediately preceding the shareholders' meeting, which was NT\$52.83. The resolved amounts of the profit sharing to employees and bonus to directors were consistent with the resolutions of meeting of the Board of Directors held on February 9, 2010 and February 10, 2009 and same amount had been charged against earnings of 2009 and 2008, respectively.

The shareholders' meeting held on June 10, 2009 also resolved to distribute stock dividends out of capital surplus, and stock dividends to shareholders as well as profit sharing to employees to be paid in stock in the amount of

NT\$768,763 thousand, NT\$512,509 thousand and NT\$7,494,988 thousand, respectively.

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As of January 24, 2011, the Board of Directors has not resolved the appropriation for earnings of 2010. The information about the appropriations of profit sharing to employees and bonus to directors is available at the Market Observation Post System website.

Under the Integrated Income Tax System that became effective on January 1, 1998, the R.O.C. resident shareholders are allowed a tax credit for their proportionate share of the income tax paid by the Company on earnings generated since January 1, 1998.

## 21. STOCK-BASED COMPENSATION PLANS

The Company's Employee Stock Option Plans, consisting of the 2004 Plan, 2003 Plan and 2002 Plan were approved by the SFB on January 6, 2005, October 29, 2003 and June 25, 2002, respectively. The maximum number of options authorized to be granted under the 2004 Plan, 2003 Plan and 2002 Plan was 11,000 thousand, 120,000 thousand and 100,000 thousand, respectively, with each option eligible to subscribe for one common share when exercised. The options may be granted to qualified employees of the Company or any of its domestic or foreign subsidiaries, in which the Company's shareholding with voting rights, directly or indirectly, is more than fifty percent (50%). The options of all the plans are valid for ten years and exercisable at certain percentages subsequent to the second anniversary of the grant date. Under the terms of the plans, the options are granted at an exercise price equal to the closing price of the Company's common shares listed on the TSE on the grant date. Options of the plans that had never been granted or had been granted but subsequently canceled had expired as of December 31, 2010.

Information about outstanding options for the years ended December 31, 2010 and 2009 was as follows:

	<b>Number of Options (In Thousands)</b>	<b>Weighted- average Exercise Price (NT\$)</b>
Year ended December 31, 2010		
Balance, beginning of year	28,810	\$ 32.4
Options exercised	(7,372)	33.2
Options canceled	(1)	50.1
Balance, end of year	21,437	32.3
Year ended December 31, 2009		
Balance, beginning of year	36,234	34.0
Options granted	175	34.0
Options exercised	(7,272)	35.8
Options canceled	(327)	46.5
Balance, end of year	28,810	33.5

The number of outstanding options and exercise prices have been adjusted to reflect the distribution of earnings in accordance with the plans.



As of December 31, 2010, information about outstanding options was as follows:

Range of Exercise Price (NT\$)	Number of Options (In Thousands)	Options Outstanding	
		Weighted-average Remaining Contractual Life (Years)	Weighted-average Exercise Price (NT\$)
\$21.7- \$30.5	16,438	2.20	\$ 28.2
38.0-50.1	4,999	3.91	45.6
	21,437	2.60	32.3

As of December 31, 2010, all of the above outstanding options were exercisable.

No compensation cost was recognized under the intrinsic value method for the years ended December 31, 2010 and 2009. Had the Company used the fair value based method to evaluate the options using the Black-Scholes model, the assumptions at the various grant dates and pro forma results of the Company for the years ended December 31, 2010 and 2009 would have been as follows:

Assumptions:

Expected dividend yield	1.00%-3.44%
Expected volatility	43.77%-46.15%
Risk free interest rate	3.07%-3.85%
Expected life	5 years

	Years Ended December 31	
	2010	2009
Net income:		
Net income as reported	\$ 161,605,009	\$ 89,217,836
Pro forma net income	161,470,030	88,838,182
Earnings per share (EPS) after income tax (NT\$):		
Basic EPS as reported	\$ 6.24	\$ 3.45
Pro forma basic EPS	6.23	3.44
Diluted EPS as reported	6.23	3.44
Pro forma diluted EPS	6.23	3.43

## 22. EARNINGS PER SHARE

EPS is computed as follows:

Year ended December 31, 2010	Amounts (Numerator)		Number of Shares (Denominator) (In Thousands)	EPS (NT\$)	
	Before Income Tax	After Income Tax		Before Income Tax	After Income Tax

Basic EPS

Earnings available to common shareholders	\$ 169,290,204	\$ 161,605,009	25,905,832	\$ 6.53	\$ 6.24
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Effect of dilutive potential common shares

14,262

Diluted EPS

Earnings available to common shareholders (including effect of dilutive potential common shares)	\$ 169,290,204	\$ 161,605,009	25,920,094	\$ 6.53	\$ 6.23
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(Continued)

	Amounts (Numerator)		Number of Shares (Denominator) (In Thousands)	EPS (NT\$)	
	Before Income Tax	After Income Tax		Before Income Tax	After Income Tax
Year ended December 31, 2009					
Basic EPS					
Earnings available to common shareholders	\$ 94,981,022	\$ 89,217,836	25,835,802	\$ 3.68	\$ 3.45
Effect of dilutive potential common shares			77,319		
Diluted EPS					
Earnings available to common shareholders (including effect of dilutive potential common shares)	\$ 94,981,022	\$ 89,217,836	25,913,121	\$ 3.67	\$ 3.44

(Concluded)

Effective January 1, 2008, the Company adopted Interpretation 2007-052 that requires companies to record profit sharing to employees as an expense rather than as an appropriation of earnings. If the Company may settle the obligation by cash, by issuing shares, or in combination of both cash and shares, profit sharing to employees which will be settled in shares should be included in the weighted average number of shares outstanding in calculation of diluted EPS, if the shares have a dilutive effect. The number of shares is estimated by dividing the amount of profit sharing to employees in stock by the closing price (after considering the dilutive effect of dividends) of the common shares on the balance sheet date. Such dilutive effect of the potential shares needs to be included in the calculation of diluted EPS until the shares of profit sharing to employees are resolved in the shareholders meeting in the following year.

The average number of shares outstanding for EPS calculation has been considered for the effect of retroactive adjustments. This adjustment caused each of the basic and diluted after income tax EPS for the year ended December 31, 2009 to remain at NT\$3.45 and NT\$3.44, respectively.

## 23. DISCLOSURES FOR FINANCIAL INSTRUMENTS

a. Fair values of financial instruments were as follows:

	December 31			
	2010		2009	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Assets				
Financial assets at fair value through profit or loss	\$	\$	\$ 181,743	\$ 181,743
Available-for-sale financial assets	4,951,323	4,951,323	1,046,672	1,046,672

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Held-to-maturity financial assets	6,202,287	6,278,054	22,163,898	22,251,517
Financial assets carried at cost	497,835		501,988	

Liabilities

Financial liabilities at fair value through profit or loss	7,834	7,834		
Bonds payable	4,500,000	4,538,660	4,500,000	4,574,979
Other long-term payables (including current portion)	718,637	718,637	1,185,534	1,185,534

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- b. Methods and assumptions used in the estimation of fair values of financial instruments
- 1) The aforementioned financial instruments do not include cash and cash equivalents, receivables, other financial assets, refundable deposits, short-term loans, payables and guarantee deposits. The carrying amounts of these financial instruments approximate their fair values due to their short maturities.
  - 2) Except for derivatives and structured time deposits, available-for-sale and held-to-maturity financial assets were based on their quoted market prices.
  - 3) The fair values of those derivatives and structured time deposits are determined using valuation techniques incorporating estimates and assumptions that were consistent with prevailing market conditions.
  - 4) Financial assets carried at cost have no quoted prices in an active market and entail an unreasonably high cost to obtain verifiable fair values. Therefore, no fair value is presented.
  - 5) Fair value of the bonds payable was based on their quoted market price.
  - 6) Fair value of other long-term payables was based on the present value of expected cash flows, which approximates their carrying amount.
- c. The changes in fair value of derivatives contracts which were outstanding as of December 31, 2010 and 2009 estimated using valuation techniques were recognized as a net loss of NT\$7,834 thousand and a net gain of NT\$181,743 thousand, respectively.
- d. As of December 31, 2010 and 2009, financial assets exposed to fair value interest rate risk were NT\$7,235,336 thousand and NT\$23,392,313 thousand, respectively, financial liabilities exposed to fair value interest rate risk were NT\$35,416,471 thousand and NT\$4,500,000 thousand, respectively.
- e. Movements of the unrealized gains or losses on financial instruments for the years ended December 31, 2010 and 2009 were as follows:

	<b>Year Ended December 31, 2010</b>		
	<b>From Available- for-sale Financial Assets</b>	<b>Equity- method Investments</b>	<b>Total</b>
Balance, beginning of year	\$ 46,672	\$ 406,949	\$ 453,621
Recognized directly in shareholders equity	(441,978)	97,646	(344,332)
Balance, end of year	\$ (395,306)	\$ 504,595	\$ 109,289

	<b>Year Ended December 31, 2009</b>		
	<b>From Available- for-sale</b>	<b>Equity- method Investments</b>	<b>Total</b>

	<b>Financial Assets</b>		
Balance, beginning of year	\$ 32,658	\$ (320,000)	\$ (287,342)
Recognized directly in shareholders' equity	51,384	726,949	778,333
Removed from shareholders' equity and recognized in earnings	(37,370)		(37,370)
Balance, end of year	\$ 46,672	\$ 406,949	\$ 453,621



f. Information about financial risks

- 1) Market risk. The derivative financial instruments categorized as financial assets/liabilities at fair value through profit or loss are mainly used to hedge the market exchange rate fluctuations of foreign-currency assets and liabilities; therefore, the market exchange rate risk of derivatives will be offset by the foreign exchange risk of these hedged items. Available-for-sale financial assets and held-to-maturity financial assets held by the Company are mainly fixed-interest-rate debt securities and overseas publicly traded stock; therefore, the fluctuations in market interest rates and market price will result in changes in fair values of these debt securities.
- 2) Credit risk. Credit risk represents the potential loss that would be incurred by the Company if the counter-parties or third-parties breached contracts. Financial instruments with positive fair values at the balance sheet date are evaluated for credit risk. The Company evaluated whether the financial instruments for any possible counter-party or third-parties are reputable financial institutions, business enterprises, and government agencies and accordingly, the Company believed that the Company's exposure to credit risk was not significant.
- 3) Liquidity risk. The Company has sufficient operating capital to meet cash needs upon settlement of derivative financial instruments and bonds payable. Therefore, the liquidity risk is low.
- 4) Cash flow interest rate risk. The Company mainly invests in fixed-interest-rate debt securities. Therefore, cash flows are not expected to fluctuate significantly due to changes in market interest rates.

## 24. RELATED PARTY TRANSACTIONS

The Company engages in business transactions with the following related parties:

a. Subsidiaries

TSMC North America  
TSMC China  
TSMC Europe  
TSMC Japan

b. Investees

GUC (with a controlling financial interest)  
Xintec (with a controlling financial interest)  
VIS (accounted for using equity method)  
SSMC (accounted for using equity method)

c. Indirect subsidiaries

WaferTech, LLC (WaferTech)  
TSMC Technology, Inc. (TSMC Technology)  
TSMC Design Technology Canada, Inc. (TSMC Canada)

d. Indirect investee

VisEra Technology Company, Ltd. (VisEra), an indirect investee accounted for using equity method.



## e. Others

Related parties over which the Company has control or exercises significant influence but with which the Company had no material transactions.

Transactions with the aforementioned parties, other than those disclosed in other notes, are summarized as follows:

	<b>2010</b>		<b>2009</b>	
	<b>Amount</b>	<b>%</b>	<b>Amount</b>	<b>%</b>
For the year				
Sales				
TSMC North America	\$ 220,529,792	53	\$ 161,251,368	54
Others	3,071,549	1	2,231,343	1
	\$ 223,601,341	54	\$ 163,482,711	55
Purchases				
TSMC China	\$ 8,748,101	18	\$ 3,787,113	12
WaferTech	7,878,260	16	5,560,707	18
VIS	4,937,617	10	3,312,656	10
SSMC	4,521,046	10	3,537,659	11
Others	39,099			
	\$ 26,124,123	54	\$ 16,198,135	51
Manufacturing expenses				
Xintec (rent and outsourcing)	\$ 313,397		\$ 36,101	
VisEra (outsourcing)	44,488		35,737	
VIS (rent)	9,845			
	\$ 367,730		\$ 71,838	
Marketing expenses commission				
TSMC Europe	\$ 415,765	15	\$ 325,463	16
TSMC Japan	266,194	9	233,855	12
TSMC China	59,180	2	10,302	
Others	19,318	1	14,424	1
	\$ 760,457	27	\$ 584,044	29

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Research and development expenses				
TSMC Technology (primarily consulting fee)	\$	547,838	2	\$ 409,686 2
TSMC Canada (primarily consulting fee)		181,943	1	157,527 1
VIS (primarily rent)		12,017		1,264
Others		66,074		47,987
	\$	807,872	3	\$ 616,464 3

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	2010		2009	
	Amount	%	Amount	%
Sales of property, plant and equipment and other assets				
TSMC China	\$ 1,409,862	75	\$ 595	1
Xintec	3,841		58,450	91
Others	80,495	5	263	
	\$ 1,494,198	80	\$ 59,308	92
Purchases of property, plant and equipment and intangible assets				
VIS	\$ 109,855		\$	
TSMC China	66,337			
WaferTech	9,624			
	\$ 185,816		\$	
Non-operating income and gains				
VIS (primarily technical service income, see Note 27e)	\$ 267,370	2	\$ 224,740	5
SSMC (primarily technical service income, see Note 27d)	198,218	1	141,488	3
TSMC China	49,738		184,626	4
Others	9,655		263	
	\$ 524,981	3	\$ 551,117	12
As of December 31				
Receivables				
TSMC North America	\$ 25,579,259	99	\$ 22,203,242	98
Others	154,715	1	338,531	2
	\$ 25,733,974	100	\$ 22,541,773	100
Other receivables				
TSMC China	\$ 1,170,407	90	\$ 111,103	45
VIS	70,798	5	81,663	33

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SSMC	53,788	4	39,629	16
Others	7,288	1	13,608	6
	\$ 1,302,281	100	\$ 246,003	100
Payables				
TSMC China	\$ 895,193	35	\$ 481,500	24
WaferTech	568,685	22	561,165	27
SSMC	430,235	17	238,741	12
VIS	428,797	17	529,060	26
TSMC Technology	88,292	3	109,220	5
Others	163,248	6	119,656	6
	\$ 2,574,450	100	\$ 2,039,342	100
Deferred debits (credits)				
TSMC China	\$ 27,327	2	\$ (7,970)	(17)

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The sales prices and payment terms to related parties were not significantly different from those of sales to third parties. For other related party transactions, prices and terms were determined in accordance with mutual agreements.

The Company leased certain buildings, facilities, and machinery and equipment from Xintec. The lease terms and prices were determined in accordance with mutual agreements. The rental expense was paid monthly and the related expenses were classified under manufacturing expenses.

The Company leased certain office space and facilities from VIS. The lease terms and prices were determined in accordance with mutual agreements. The office rental was prepaid by the Company and the facilities rental was paid quarterly. The related rental expenses were classified under research and development expenses and manufacturing expenses.

The Company deferred the gains and losses (classified under deferred debits and deferred credits) derived from sales of property, plant and equipment to TSMC China, and then recognized such gains and losses (classified under non-operating gains and losses) over the depreciable lives of the disposed assets.

Compensation of directors and management personnel:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Salaries, incentives and special compensation	\$ 773,134	\$ 572,464
Bonus	578,343	395,313
	<b>\$ 1,351,477</b>	<b>\$ 967,777</b>

The information about the compensation of directors and management personnel is available in the annual report for the shareholders meeting. Total compensation expense for the year ended December 31, 2010 includes estimated profit sharing to employees and bonus to directors of the Company that relate to 2010 but will be paid in the following year. The actual amount will be finalized and approved upon the resolution of the shareholders meeting in 2011. The total compensation for the year ended December 31, 2009 included the bonuses appropriated from earnings of 2009 which was approved by the shareholders meeting held in 2010.

## **25. PLEDGED OR MORTGAGED ASSETS**

As of December 31, 2010 and 2009, the Company had pledged time deposits of NT\$25,864 thousand and NT\$824,797 thousand (classified as other financial assets) as collateral for land lease agreements and customs duty guarantee, respectively.

## **26. SIGNIFICANT LONG-TERM LEASES**

The Company leases several parcels of land from the Science Park Administration. These operating leases expire on various dates from April 2011 to July 2030 and can be renewed upon expiration.

As of December 31, 2010, future lease payments were as follows:

<b>Year</b>	<b>Amount</b>
2011	\$ 414,444
2012	412,977
2013	388,729
2014	375,171
2015	365,007
2016 and thereafter	3,078,295
	<b>\$ 5,034,623</b>

## **27. SIGNIFICANT COMMITMENTS AND CONTINGENCIES**

Significant commitments and contingencies of the Company as of December 31, 2010, excluding those disclosed in other notes, were as follows:

- a. Under a technical cooperation agreement with ITRI, the R.O.C. Government or its designee approved by the Company can use up to 35% of the Company's capacity if the Company's outstanding commitments to its customers are not prejudiced. The term of this agreement is for five years beginning from January 1, 1987 and is automatically renewed for successive periods of five years unless otherwise terminated by either party with one year prior notice.
- b. Under several foundry agreements, the Company shall reserve a portion of its production capacity for certain major customers that have guarantee deposits with the Company. As of December 31, 2010, the Company had a total of US\$22,653 thousand of guarantee deposits.
- c. Under a Shareholders Agreement entered into with Philips and EDB Investments Pte Ltd. on March 30, 1999, the parties formed a joint venture company, SSMC, which is an integrated circuit foundry in Singapore. The Company's equity interest in SSMC was 32%. Nevertheless, Philips parted with its semiconductor company which was renamed as NXP B.V. in September 2006. The Company and NXP B.V. purchased all the SSMC shares owned by EDB Investments Pte Ltd. pro rata according to the Shareholders Agreement on November 15, 2006. After the purchase, the Company and NXP B.V. currently own approximately 39% and 61% of the SSMC shares respectively. The Company and Philips (now NXP B.V.) are required, in the aggregate, to purchase at least 70% of SSMC's capacity, but the Company alone is not required to purchase more than 28% of the capacity. If any party defaults on the commitment and the capacity utilization of SSMC fall below a specific percentage of its capacity, the defaulting party is required to compensate SSMC for all related unavoidable costs.
- d. The Company provides technical services to SSMC under a Technical Cooperation Agreement (the Agreement) effective March 30, 1999. The Company receives compensation for such services computed at a specific percentage of net selling price of all products sold by SSMC. The Agreement shall remain in force for ten years and will be automatically renewed for successive periods of five years each unless pre-terminated by either party under certain conditions.
- e. The Company provides a technology transfer to VIS under a Manufacturing License and Technology Transfer Agreement entered into on April 1, 2004. The Company receives compensation for such technology



transfer in the form of royalty payments from VIS computed at specific percentages of net selling price of certain products sold by VIS. VIS agreed to reserve its certain capacity to manufacture for the Company certain products at prices as agreed by the parties.

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- f. In August 2006, TSMC filed a lawsuit against Semiconductor Manufacturing International Corporation, SMIC (Shanghai) and SMIC Americas (aggregately referred to as SMIC) in the Superior Court of California for Alameda County for breach of a 2005 agreement that settled an earlier trade secret misappropriation and patent infringement litigation between the parties, as well as for trade secret misappropriation, seeking injunctive relief and monetary damages. In September 2006, SMIC filed a cross-complaint against TSMC in the same court alleging breach of settlement agreement, implied covenant of good faith and fair dealing. SMIC also filed a civil action against TSMC in November 2006 with the Beijing People's High Court alleging defamation and breach of good faith. On June 10, 2009, the Beijing People's High Court ruled in favor of TSMC and dismissed SMIC's lawsuit. On November 4, 2009, after a two-month trial, a jury in the California action found SMIC to have both breached the 2005 settlement agreement and misappropriated TSMC's trade secrets. TSMC has subsequently settled both lawsuits with SMIC. Pursuant to the new settlement agreement, the parties have agreed to the entry of a stipulated judgment in favor of TSMC in the California action, and to the dismissal of SMIC's appeal against the Beijing High Court's finding in favor of TSMC. Under the new settlement agreement and the related stipulated judgment, SMIC has agreed to make cash payments by installments to TSMC totaling US\$200 million, which are in addition to the US\$135 million previously paid to TSMC under the 2005 settlement agreement, and, conditional upon relevant government regulatory approvals, to issue to TSMC a total of 1,789,493,218 common shares of Semiconductor Manufacturing International Corporation and a three-year warrant to purchase 695,914,030 common shares (subject to adjustment) of Semiconductor Manufacturing International Corporation at HK\$1.30 per share (subject to adjustment). TSMC has received the approval from the Investment Commission of Ministry of Economic Affairs and acquired the above mentioned common shares on July 5, 2010, representing approximately 7.37% of Semiconductor Manufacturing International Corporation's total shares outstanding, and recognized settlement income amounting to NT\$4,434,364 thousand.
- g. In June 2010, STC.UNM, the technology transfer arm of the University of New Mexico, filed a complaint in the U.S. International Trade Commission (USITC) accusing the Company and one other company of allegedly infringing a single U.S. patent. Based on this complaint, the USITC has initiated an investigation in July 2010. The Company and STC.UNM have subsequently reached a settlement agreement and, on November 15, 2010, filed a joint motion to terminate the investigation based on the settlement agreement. As a result, the Administrative Law Judge (ALJ) assigned to the investigation has made an initial determination to terminate the investigation based on the settlement agreement. The USITC, on December 21, 2010, decided not to review the ALJ's initial determination, which officially terminates this investigation.
- h. In June 2010, Keranos, LLC. filed a lawsuit in the U.S. District Court for the Eastern District of Texas alleging that TSMC, TSMC North America, and several other leading technology companies infringe three expired U.S. patents. The outcome of this litigation cannot be determined at this time.
- i. In December 2010, Ziptronix, Inc. filed a complaint in the U.S. District Court for the Northern District of California accusing TSMC, TSMC North America and one other company of allegedly infringing six U.S. patents. This litigation is in its very early stages and therefore the outcome of the case cannot be determined at this time.

**28. OTHERS**

The significant financial assets and liabilities denominated in foreign currencies were as follows:

	2010		December 31		2009	
	Foreign Currency (In Thousands)	Exchange Rate (Note)	Foreign Currency (In Thousands)	Exchange Rate (Note)	Foreign Currency (In Thousands)	Exchange Rate (Note)
Financial assets						
Monetary assets						
USD	\$ 1,732,529	30.368	\$ 1,467,092	32.03		
EUR	224,363	40.65	58,214	46.25		
JPY	28,580,962	0.3735	31,840,267	0.3484		
Non-monetary assets						
HKD	1,002,116	3.91				
Investments accounted for using equity method						
USD	2,997,686	30.368	2,777,541	32.03		
EUR	4,963	40.65	3,448	46.25		
JPY	402,441	0.3735	389,389	0.3484		
RMB	927,986	4.61	630,438	4.693		
Financial liabilities						
Monetary liabilities						
USD	1,776,756	30.368	690,011	32.03		
EUR	261,956	40.65	72,647	46.25		
JPY	30,604,986	0.3735	34,454,091	0.3484		

Note: Exchange rate represents the number of N.T. dollars for which one foreign currency could be exchanged.

**29. ADDITIONAL DISCLOSURES**

Following are the additional disclosures required by the SFB for the Company and its investees:

- Financing provided: Please see Table 1 attached;
- Endorsement/guarantee provided: None;
- Marketable securities held: Please see Table 2 attached;
- Marketable securities acquired or disposed of at costs or prices of at least NT\$100 million or 20% of the paid-in capital: Please see Table 3 attached;
- Acquisition of individual real estate properties at costs of at least NT\$100 million or 20% of the paid-in capital: Please see Table 4 attached;

- f. Disposal of individual real estate properties at prices of at least NT\$100 million or 20% of the paid-in capital: None;

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- g. Total purchases from or sales to related parties of at least NT\$100 million or 20% of the paid-in capital: Please see Table 5 attached;
- h. Receivable from related parties amounting to at least NT\$100 million or 20% of the paid-in capital: Please see Table 6 attached;
- i. Names, locations, and related information of investees over which the Company exercises significant influence: Please see Table 7 attached;
- j. Information about derivatives of investees over which the Company has a controlling interest:

Not meet the criteria for hedge accounting

TSMC China entered into forward exchange contracts during the year ended December 31, 2010 to manage exposures due to foreign exchange rate fluctuations. Outstanding forward exchange contracts as of December 31, 2010 consisted of the following:

	<b>Maturity Date</b>	<b>Contract Amount (In Thousands)</b>
Sell EUR/ Buy US\$	February 2011	EUR3,067/US\$4,093
Sell RMB/ Buy US\$	May 2011 to June 2011	RMB529,190/US\$80,000

For the year ended December 31, 2010, net losses arising from forward exchange contracts of TSMC China amounted to NT\$3,137 thousand.

Xintec entered into forward exchange contracts during the year ended December 31, 2010 to manage exposures due to foreign exchange rate fluctuations. Outstanding forward exchange contracts as of December 31, 2010 consisted of the following:

	<b>Maturity Date</b>	<b>Contract Amount (In Thousands)</b>
Sell US\$/Buy NT\$	January 2011 to March 2011	US\$11,800/NT\$353,076

For the year ended December 31, 2010, net gains arising from forward exchange contracts of Xintec amounted to NT\$11,005 thousand.

Meet the criteria for hedge accounting

Xintec monitors and manages the financial risk through the analysis of business environment and evaluation of entity's financial risks. Further, Xintec seeks to reduce the effects of future cash flow related interest rate exposures by primarily using derivative financial instruments.

Xintec is exposed to interest rate risk because its long-term bank loans bear floating interest rates. Accordingly, Xintec enters into interest rate swap contract to hedge such a cash flow interest rate risk. As of December 31, 2010, the outstanding interest rate swap contract of Xintec consisted of the following:

<b>Hedging Financial</b>	<b>Fair Value December 31,</b>	<b>Expected Cash Flow</b>	<b>Expected Timing for the Recognition of Gains</b>
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<b>Hedged Item</b>	<b>Instrument</b>	<b>2010</b>	<b>Generated Period</b>	<b>or Losses from Hedge</b>
Long-term bank loans	Interest rate swap contract	\$ (814)	2010 to 2012	2010 to 2012

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The adjustment to shareholders' equity and the amount removed from shareholders' equity and recognized a loss of Xintec as a result of the above interest rate swap contract amounted to NT\$814 thousand and NT\$352 thousand for the year ended December 31, 2010, respectively.

k. Information on investment in Mainland China

- 1) The name of the investee in Mainland China, the main businesses and products, its issued capital, method of investment, information on inflow or outflow of capital, percentage of ownership, equity in the net gain or net loss, ending balance, amount received as dividends from the investee, and the limitation on investee: Please see Table 8 attached.
- 2) Significant direct or indirect transactions with the investee, its prices and terms of payment, unrealized gain or loss, and other related information which is helpful to understand the impact of investment in Mainland China on financial reports: Please see Note 24.

**30. SEGMENT FINANCIAL INFORMATION**

a. Industry financial information

The Company operates in one industry. Therefore, the disclosure of industry financial information is not applicable to the Company.

b. Geographic information

The Company has no significant foreign operations. Therefore, the disclosure of geographic information is not applicable to the Company.

c. Export sales

Area	Years Ended December 31	
	2010	2009
Americas	\$ 228,283,198	\$ 166,813,136
Asia	86,188,861	59,496,755
Europe and others	48,906,727	31,350,249
	\$ 363,378,786	\$ 257,660,140

The export sales information is based on the amounts billed to customers within the areas.

d. Major customers representing at least 10% of gross sales

	Years Ended December 31			
	2010		2009	
	Amount	%	Amount	%
Customer A	\$ 220,529,792	53	\$ 161,251,368	54

**TABLE 1**

**Taiwan Semiconductor Manufacturing Company Limited and Investees**  
**FINANCINGS PROVIDED**  
**FOR THE YEAR ENDED DECEMBER 31, 2010**  
**(Amounts in Thousands of New Taiwan Dollars, Unless Specified Otherwise)**

No.	Name	Account	Partner	Company	Financing Limit for Each Period (US\$ Thousands)	Maximum Balance for the Period (US\$ Thousands)	Ending Balance (US\$ Thousands)	Interest Rate	Financing Reason	Allowance for Collateral Bad Debt	Item Value	Transaction Amounts	Financing Company's Financing Amount Limits
													(US\$ in thousands)
1	TSMC	Long-term	TSMC	(Note 1)	\$3,644,160	\$3,644,160	0.25%-0.26%	Purchase equipment			\$	\$	\$33,565,775
		receivable from related parties	China		(US\$120,000)	(US\$120,000)							

Note 1: The total amount for lending to a company for funding for a short-term period shall not exceed ten percent (10%) of the net worth of TSMC Partners. In addition, the total amount lendable to any one borrower shall be no more than thirty percent (30%) of the borrower's net worth. While offshore subsidiaries whose voting shares are 100% owned, directly or indirectly, by TSMC will not be subjected to this restriction.

Note 2: The total amount available for lending purpose shall not exceed the net worth of TSMC Partners.



TABLE 2

## Taiwan Semiconductor Manufacturing Company Limited and Investees

## MARKETABLE SECURITIES HELD

DECEMBER 31, 2010

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

Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Shares/Units (In Thousands)	Carrying Value (US\$ in Thousands)
Corporate bond				
China Mobile Co., Ltd.		Available-for-sale financial assets		\$ 1,033,049
Steel Corporation		Held-to-maturity financial assets		1,507,400
Yasa Petrochemical Corporation				1,463,791
Yan Power Company				1,352,022
Yata Plastics Corporation				1,303,298
Yasa Plastics Corporation				575,776
Semiconductor Manufacturing International Corporation		Available-for-sale financial assets	1,789,493	3,918,274
SMC Global	Subsidiary	Investments accounted for using equity method	1	43,710,543
SMC Partners	Subsidiary	Investee accounted for using equity method	988,268	33,565,775
			628,223	9,422,452
		Investee accounted for using equity method	314	7,120,714
		Investee accounted for using equity method	76,069	6,733,369
SMC North America	Subsidiary	Investee with a controlling financial interest	11,000	2,873,888
		Investee with a controlling financial interest	93,081	1,645,201
		Investee with a controlling financial interest	46,688	1,113,516
SMC Europe	Subsidiary			177,784
SMC Japan	Subsidiary		6	150,312
SMC Solar NA	Subsidiary		1	26,527
SMC Solar Europe	Subsidiary			23,971
SMC Korea	Subsidiary		80	20,929
SMC Lighting NA	Subsidiary		1	3,133
Industrial Gases Co., Ltd.		Financial assets carried at cost	16,783	193,584
Etsu Handotai Taiwan Co., Ltd.			10,500	105,000

Technology Fund IV			4,000	40,000
on Ventures Fund		Financial assets carried at cost		103,992
on Asia Capital				55,259
al				
C China	Subsidiary	Investments accounted for using equity method		4,252,270
F III	Subsidiary			2,769,423
F II	Subsidiary			1,063,057
ging Alliance	Subsidiary			304,310
orate bond				
al Elec Cap Corp. Mtn		Held-to-maturity financial assets	US\$	20,283
al Elec Cap Corp. Mtn			US\$	20,141

(Continued)

			December 31, 2019	
Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Shares/Units (In Thousands)	Carrying Value (US\$ in Thousands)
Common stock				
SMC Development, Inc. (TSMC Development)	Subsidiary	Investments accounted for using equity method	1	US\$ 403,257
WisEra Holding Company	Investee accounted for using equity method		43,000	US\$ 83,057
VeStar Semiconductor Development and, Inc. (ISDF)	Subsidiary		4,088	US\$ 21,523
VeStar Semiconductor Development and, Inc. (II) LDC. (ISDF II)	Subsidiary		16,532	US\$ 13,660
SMC Technology	Subsidiary		1	US\$ 9,878
SMC Canada	Subsidiary		2,300	US\$ 3,714
Cube Inc.	Investee accounted for using equity method		5,333	
Preferred stock				
Cube Inc.	Investee accounted for using equity method	Investments accounted for using equity method	1,000	
Corporate bond				
GE Capital Corp.		Held-to-maturity financial assets		US\$ 20,215
J.P. Morgan Chase & Co.				US\$ 15,000
Common stock				
WaferTech	Subsidiary	Investments accounted for using equity method	293,637	US\$ 165,211
Corporate bond				
Real Bk		Available-for-sale financial assets	249	US\$ 249
Real Bk Ssb			249	US\$ 249
Ally Bank			249	US\$ 249
Banco Popular De P R			249	US\$ 249
&R Block Bank			249	US\$ 249
Common stock				
ichWave Technology Corp.		Financial assets carried at cost	4,074	US\$ 1,545
Global Investment Holding Inc.			11,124	US\$ 3,065
Preferred stock				

audience, Inc.		Financial assets carried at cost	1,654	US\$	250
ext IO, Inc.			800	US\$	500
ptichron, Inc.			1,276	US\$	1,145
xim, Inc.			4,641	US\$	1,137
ST Holdings, LLC				US\$	142
apital					
ventureTech Alliance Holdings, LLC	Subsidiary	Investments accounted for			
(VTA Holdings)		using equity method			
orporate bond					
deal Bk		Available-for-sale financial	249	US\$	249
		assets			
deal Bk Ssb			249	US\$	249
d Ally Bank			249	US\$	249
d Banco Popular De P R			249	US\$	249
&R Block Bank			249	US\$	249
ommon stock					
eadtrend		Available-for-sale financial	738	US\$	3,159
		assets			
ether Systems, Inc.		Financial assets carried at cost	1,600	US\$	1,503
chWave Technology Corp.			1,267	US\$	1,036
entelic			1,806	US\$	2,607
					(Continued)

**December 31, 2010**

(Continued)

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		December 31, 2013	
		Carrying	
		Shares/Units	Value
		(In	(US\$ in Ow
Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Thousands) Thousands)
Alchip Technologies Limited		Financial assets carried at cost	7,520 US\$ 3,664
Sonics, Inc.			278 US\$ 10
Goyatek Technology, Corp.			932 US\$ 545
Auden Technology MFG. Co., Ltd.			1,049 US\$ 223
Preferred stock			
FangTek, Inc.		Financial assets carried at cost	1,032 US\$ 686
Sonics, Inc.			264 US\$ 456
Common stock			
GUC-NA	Subsidiary	Investments accounted for using equity method	800 \$58,045
GUC-Japan	Subsidiary		1 14,706
GUC-BVI	Subsidiary		550 8,761
GUC-Europe	Subsidiary		3,747
Capital			
Global Unichip (Shanghai) Company, Limited (GUC-Shanghai)	Subsidiary	Investments accounted for using equity method	7,468
Capital			
Compositech Ltd.		Financial assets carried at cost	587
Stock			
TSMC Solar Europe GmbH	Subsidiary	Investments accounted for using equity method	1 3,658
Corporate bond			
African Development Bank		Available-for-sale financial assets	2,600 US\$ 2,622
Allstate Life Gbl Fdg Secd			4,430 US\$ 4,824
Alltel Corp.			100 US\$ 108
American Honda Fin Corp. Mtn			4,000 US\$ 3,995
Anz National Intl Ltd.			3,500 US\$ 3,554
Asian Development Bank			2,500 US\$ 2,501
Astrazeneca Plc			3,150 US\$ 3,397
AT+T Wireless			3,500 US\$ 3,823
Australia + New Zealand Bkg			2,000 US\$ 2,047
Banco Bilbao Vizcaya P R			3,250 US\$ 3,249

Bank New York Inc.	1,615	US\$	1,613
Bank New York Inc. Medium	2,100	US\$	2,253
Bank of America Corp.	2,100	US\$	2,154
Bank of New York Mellon	2,200	US\$	2,206
Bank of Nova Scotia	5,000	US\$	5,000
Barclays Bank Plc	12,000	US\$	11,997
Barclays Bank Plc NY	400	US\$	400
Bbva US Senior SA Uniper	2,645	US\$	2,638
Bear Stearns Cos Inc.	2,200	US\$	2,199
Bear Stearns Cos Inc.	3,500	US\$	3,494
Bear Stearns Cos Inc. Med Term	2,400	US\$	2,618
Berkshire Hathaway Inc. Del	3,500	US\$	3,517
Bhp Billiton Fin USA Ltd.	2,000	US\$	2,104
Bk Tokyo Mitsubishi Ufj	2,000	US\$	2,042
Bmw US Capital LLC	1,600	US\$	1,602
Bnp Paribas SA	3,810	US\$	3,844
Boeing Cap Corp.	2,925	US\$	3,192
Boeing Co.	450	US\$	458
Bp Captial Markets Plc	3,900	US\$	3,988

(Continued)

**December 31, 2010**

(Continued)

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December 31, 2018

Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Carrying		Percentage Owned
			Shares/Units (In thousands)	Value (US\$ in thousands)	
Equarie Bk Ltd. Sr		Available-for-sale financial assets	3,900	US\$3,975	N/A
ssmutual Global Fdg II Mediu			4,000	US\$3,955	N/A
lon Fdg Corp.			3,500	US\$3,475	N/A
ck + Co. Inc.			4,000	US\$4,032	N/A
ck + Co. Inc.			2,000	US\$2,077	N/A
errill Lynch + Co. Inc.			4,691	US\$4,647	N/A
e Life Glob Funding I			500	US\$ 508	N/A
life Inc.			6,500	US\$6,600	N/A
life Inc.			2,000	US\$2,013	N/A
icrosoft Corp.			3,250	US\$3,232	N/A
numental Global Fdg II			1,500	US\$1,446	N/A
numental Global Fdg III			750	US\$ 729	N/A
rgan Stanley			1,000	US\$1,036	N/A
rgan Stanley Dean Witter			8,000	US\$8,524	N/A
rgan Stanley for Equity			2,000	US\$1,996	N/A
ional Australia Bank			1,000	US\$1,019	N/A
w York Life Global Fdg			2,000	US\$2,049	N/A
dea Bank Fld Plc			2,250	US\$2,241	N/A
idental Pete Corp.			3,200	US\$3,700	N/A
idental Petroleum Cor			1,000	US\$1,004	N/A
ario (Province of)			2,000	US\$2,038	N/A
ific Gas + Electric			2,000	US\$1,999	N/A
Funding Corp.			2,000	US\$2,000	N/A
coa Global Fdg I Med Term			1,750	US\$1,724	N/A
ncipal Life Income Fundings			1,500	US\$1,483	N/A
coa Global Fdg I Medium			5,050	US\$5,011	N/A
obank Nederland			5,000	US\$5,000	N/A
yal Bk of Scotland Plc			4,000	US\$4,002	N/A
yal Bk of Scotland Plc			5,000	US\$5,052	N/A
yal Bk Scotland Plc			2,550	US\$2,589	N/A
yal Bk Scotlnd Grp Plc 144A			9,450	US\$9,516	N/A
Communications Inc.			2,000	US\$2,106	N/A
ll International Fin			4,515	US\$4,536	N/A
ll International Fin			3,200	US\$3,248	N/A
ereign Bancorp Fdic Gtd Tlg			2,200	US\$2,260	N/A
e Str Corp.			6,420	US\$6,417	N/A
Life Finl Global			4,400	US\$4,332	N/A
Life Finl Global Fdg II Lp			1,500	US\$1,496	N/A

corp Metway Ltd.	8,800	US\$8,982	N/A
nska Handelsbanken AB	2,200	US\$2,253	N/A
edbank AB	2,000	US\$1,998	N/A
edbank Foreningssparbanken A	1,500	US\$1,536	N/A
edbank Hypotek AB	4,000	US\$3,993	N/A
a Pharma Fin III LLC	4,000	US\$4,016	N/A
a Global Mkts Inc.	2,000	US\$2,141	N/A
a Global Mkts Inc. Mtn	1,500	US\$1,631	N/A
s Ag Stamford CT	2,200	US\$2,199	N/A
s Ag Stamford CT	800	US\$ 807	N/A
Central Federal Cred	4,000	US\$4,084	N/A
izon Communications Inc.	1,500	US\$1,631	N/A
chovia Corp.	550	US\$ 545	N/A
chovia Corp. Global Medium	5,000	US\$5,141	N/A
chovia Corp. New	1,400	US\$1,398	N/A
l Mart Stores Inc.	4,000	US\$3,964	N/A

(Continued)

December 31, 2012

Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Carrying		Percentage Owned
			Shares/Units (In thousands)	Value (US\$ in thousands)	
Walmart Stores Inc.		Available-for-sale financial assets	3,770	US\$ 4,325	N/A
Wells Fargo + Company			2,000	US\$ 2,007	N/A
Wells Fargo Banking Corp.			3,500	US\$ 3,514	N/A
Wells Fargo Banking Corp.			2,100	US\$ 2,110	N/A
Wells Fargo Banking Corp.			4,000	US\$ 4,005	N/A
Wells Fargo + Nz Banking Group		Held-to-maturity financial assets	3,345	US\$ 3,657	N/A
Wells Fargo + Nz Banking Group			20,000	US\$ 20,000	N/A
Commonwealth Bank of Australia			25,000	US\$ 25,000	N/A
Commonwealth Bank of Australia			25,000	US\$ 25,000	N/A
JPMorgan Chase + Co.			35,000	US\$ 35,067	N/A
Prudential Building Society-UK			8,000	US\$ 8,000	N/A
Government Guarantee					
Wells Fargo Banking Corp.			25,000	US\$ 25,000	N/A
Wells Fargo Banking Corp. 12/12 Frn			5,000	US\$ 5,000	N/A
Municipal bond					
State of Tennessee		Available-for-sale financial assets	11,100	US\$ 11,096	N/A
State of Tennessee			3,900	US\$ 3,861	N/A
State of Tennessee			16,104	US\$ 16,102	N/A
State of Tennessee			8,765	US\$ 8,763	N/A
State of Tennessee			4,600	US\$ 4,589	N/A
State of Tennessee			3,000	US\$ 2,994	N/A
State of Tennessee			4,000	US\$ 4,003	N/A
State of Tennessee Im Ln Pc Pool 1b2830			1,836	US\$ 1,922	N/A
State of Tennessee Im Ln Pc Pool 1g0115			2,023	US\$ 2,086	N/A
State of Tennessee Im Ln Pc Pool 1g1114			799	US\$ 837	N/A
State of Tennessee Im Ln Pc Pool 1k1210			1,550	US\$ 1,613	N/A
State of Tennessee Im Ln Pc Pool 780741			1,800	US\$ 1,879	N/A
State of Tennessee Central Farm Credit Bank			4,000	US\$ 3,984	N/A
State of Tennessee Central Farm Credit Bank			4,000	US\$ 3,994	N/A
State of Tennessee Central Farm Credit Bank			5,000	US\$ 5,004	N/A
State of Tennessee Central Farm Credit Bank			5,000	US\$ 5,008	N/A
State of Tennessee Central Home Ln Bks			5,000	US\$ 5,046	N/A
State of Tennessee Central Home Ln Mtg Assn			2,768	US\$ 2,810	N/A
State of Tennessee Central Home Ln Mtg Corp.			3,732	US\$ 3,727	N/A
State of Tennessee Central Home Ln Mtg Corp.			1,443	US\$ 1,505	N/A

al Home Ln Mtg Corp.	2,664	US\$	2,793	N/A
al Home Ln Mtg Corp.	1,915	US\$	1,969	N/A
al Home Ln Mtg Corp.	1,778	US\$	1,849	N/A
al Home Ln Mtg Corp.	422	US\$	423	N/A
al Home Ln Mtg Corp.	246	US\$	247	N/A
al Home Ln Mtg Corp.	1,298	US\$	1,341	N/A
al Home Ln Mtg Corp.	3,324	US\$	3,453	N/A
al Home Ln Mtg Corp.	2,450	US\$	2,491	N/A
al Home Loan Bank	5,000	US\$	5,007	N/A
al Home Loan Bank	6,800	US\$	6,817	N/A
al Home Loan Bank	8,000	US\$	8,040	N/A
al Home Loan Bank	1,400	US\$	1,399	N/A
al Home Loan Bank	1,400	US\$	1,399	N/A
al Home Loan Bank	10,000	US\$	9,998	N/A
al Home Loan Bank	8,400	US\$	8,397	N/A
al Home Loan Bank	5,000	US\$	4,998	N/A
al Home Loan Mtg Corp.	5,183	US\$	5,168	N/A
al Home Loan Mtg Corp.	710	US\$	718	N/A
al National Mort Assoc	535	US\$	539	N/A
al Natl Mtg Assn	471	US\$	471	N/A

(Continued)

December 31, 2019

Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Carrying Value		Percentage Owned
			Shares/Units (In thousands)	(US\$ in thousands)	
Government Natl Mtg Assn Gtd		Available-for-sale financial assets	2,346	US\$ 2,425	N/A
Government Natl Mtg Assn Gtd Remi			1,917	US\$ 1,988	N/A
Government Natl Mtg Assn Gtd Remi			436	US\$ 437	N/A
Government Natl Mtg Assn Mtn			1,276	US\$ 1,304	N/A
Government Natl Mtg Assn Remic			1,080	US\$ 1,094	N/A
Government Natl Mtg Assn			1,428	US\$ 1,506	N/A
2016 47 Pb			2,561	US\$ 2,595	N/A
2015 53 Da			3,284	US\$ 3,466	N/A
2010 87 Jb			1,520	US\$ 1,602	N/A
2018 184 Fa			4,096	US\$ 4,084	N/A
Pool 745131			1,743	US\$ 1,803	N/A
Pool 745688			1,384	US\$ 1,440	N/A
Pool 775852			340	US\$ 343	N/A
Pool 790772			1,162	US\$ 1,215	N/A
Pool 819649			1,876	US\$ 1,950	N/A
Pool 829989			1,626	US\$ 1,695	N/A
Pool 841068			482	US\$ 505	N/A
Pool 846233			1,729	US\$ 1,800	N/A
Pool 870884			1,609	US\$ 1,684	N/A
Pool 879908			1,349	US\$ 1,417	N/A
Pool AB0035			2,000	US\$ 2,055	N/A
Pool AC9580			100	US\$ 103	N/A
2005 47 HA			1,785	US\$ 1,875	N/A
2006 60 CO			3,485	US\$ 3,483	N/A
2006 60 CO			1,009	US\$ 1,016	N/A
2009 116 A			4,271	US\$ 4,640	N/A
2009 70 NT			1,890	US\$ 1,965	N/A
2011 12 Mac			10,420	US\$ 10,411	N/A
2011 12 Mac			4,500	US\$ 4,502	N/A
2011 12 Mac			5,750	US\$ 5,764	N/A
2011 12 Mac			7,855	US\$ 7,859	N/A
2011 12 Mac			4,300	US\$ 4,316	N/A
2011 12 Mac			4,010	US\$ 4,014	N/A
2011 12 Mac II Pool 082431			1,897	US\$ 1,943	N/A
2008 9 SA			2,259	US\$ 2,274	N/A
2009 45 AB			4,417	US\$ 4,496	N/A
Government Natl Mtg Assn			3,050	US\$ 3,285	N/A
Government Natl Mtg Assn Gtd			1,692	US\$ 1,780	N/A



**TABLE 3**

**Taiwan Semiconductor Manufacturing Company Limited and Investees**  
**MARKETABLE SECURITIES ACQUIRED AND DISPOSED OF AT COSTS OR PRICES OF AT LEAST**  
**NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL**  
**FOR THE YEAR ENDED DECEMBER 31, 2010**  
**(Amounts in Thousands of New Taiwan Dollars, Unless Specified Otherwise)**

Financial Statement Account	Counter-party	Nature of Relationship	Beginning Balance		Acquisition		Disposal (Note 1)		Carrying Value (Thousands)
			Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	
Investments accounted for using equity method		Investee accounted for using equity method		\$	75,316	US\$ 6,228,661		\$	\$
Investments accounted for using equity method		Investee accounted for using equity method		1,309,615		1,862,278			
Financial assets carried at cost					7,347	US\$ 50,000			
Available-for-sale financial assets	Jih Sun Investment Trust Co., Ltd.		5,668	80,008	7,072	100,000	12,740	180,192	100,000
	PCA Securities Investment Trust Co., Ltd.				7,692	100,000	7,692	100,075	100,000
Available-for-sale financial assets					4,430	US\$ 4,834			
					4,000	US\$ 3,985			
					3,500	US\$ 3,515			
					3,500	US\$ 3,979			
					2,900	US\$ 3,121	2,900	US\$ 3,086	US\$ 3,086
					3,400	US\$ 3,548	3,400	US\$ 3,539	US\$ 3,539
					5,000	US\$ 5,000			

			4,000	US\$	3,984				
			12,000	US\$	12,035				
			5,000	US\$	5,000	5,000	US\$	5,036	US\$
			4,745	US\$	4,744	2,100	US\$	2,084	US\$
			3,500	US\$	3,500				
			2,925	US\$	3,235				
			3,900	US\$	3,969				
			4,000	US\$	4,029				
			4,020	US\$	4,021	4,020	US\$	4,016	US\$
	5,000	US\$	4,996			5,000	US\$	5,023	US\$
			10,000	US\$	10,094	10,000	US\$	10,104	US\$
			16,000	US\$	16,262				
			7,300	US\$	7,448				
			4,165	US\$	4,167	4,165	US\$	4,167	US\$
			4,800	US\$	4,768	4,800	US\$	4,761	US\$
			5,000	US\$	5,360				
			4,000	US\$	4,000				
			4,000	US\$	4,291				
			6,000	US\$	6,000				

(Continued)



Priorities	Financial Statement	Counter-party	Relationship	Nature of	Beginning	Acquisition		Disposal (Note 2)		Carry
					Balance	Shares/Units	Amount	Shares/Units	Amount	
Item	Account				(In	(US\$ in	(In	(US\$ in	(US\$ in	(US\$ in
					Thousands)	Thousands)	Thousands)	Thousands)	Thousands)	Thousands)
	Available-for-sale financial assets				US\$	4,000	US\$ 4,000		US\$	US\$
						4,000	US\$ 4,000			
						5,000	US\$ 5,000			
						4,000	US\$ 4,117			
						6,000	US\$ 6,000	5,000	US\$ 5,015	US\$ 5,015
						4,000	US\$ 4,024			
						4,600	US\$ 4,727			
Group					3,000	US\$3,012		3,000	US\$ 3,012	US\$ 3,012
Corp.							4,330	US\$ 4,781		
							3,400	US\$ 3,407		
							2,900	US\$ 3,142		
					1,800	US\$1,796	4,300	US\$ 4,302	3,800	US\$ 3,804
					3,000	US\$3,027		3,000	US\$ 3,020	US\$ 3,020
							6,800	US\$ 6,772		
							5,000	US\$ 5,014		
							3,500	US\$ 3,634		
+ Co.							5,000	US\$ 5,000		
+ Co.					3,000	US\$3,030		3,000	US\$ 3,028	US\$ 3,028
							3,800	US\$ 3,800	3,800	US\$ 3,801
Plc							4,850	US\$ 4,895		
d. Sr							3,900	US\$ 3,984		
al							4,000	US\$ 3,926		
							4,000	US\$ 4,066		
Co.							4,691	US\$ 4,603		
nding							5,000	US\$ 5,004	5,000	US\$ 5,003
nding					2,100	US\$2,142	2,575	US\$ 2,623	4,675	US\$ 4,757

			6,500	US\$ 6,527			
	3,340	US\$3,278			3,340	US\$ 3,327	US\$ 3
Dean			3,250	US\$ 3,249			
			8,000	US\$ 8,796			
Corp.			3,200	US\$ 3,752			
			3,000	US\$ 3,000	3,000	US\$ 3,001	US\$ 3
and			5,000	US\$ 4,997			
ic Gtd			10,000	US\$10,372	10,000	US\$10,347	US\$10
land			4,000	US\$ 4,015			
l Fin			4,515	US\$ 4,528			
l Fin			3,200	US\$ 3,227			
	1,940	US\$1,920	5,080	US\$ 5,065	600	US\$ 597	US\$
			5,500	US\$ 5,585	5,500	US\$ 5,559	US\$ 5
bal			4,400	US\$ 4,304			
Ltd.	5,000	US\$5,170	3,800	US\$ 3,933			
ek AB			4,000	US\$ 4,002			
III			4,000	US\$ 4,000			
al	4,800	US\$4,799	8,000	US\$ 8,074	12,800	US\$12,899	US\$12
al			4,000	US\$ 4,093			
Global			5,000	US\$ 5,138			
New	4,000	US\$4,246			4,000	US\$ 4,205	US\$ 4
Inc.			4,000	US\$ 3,986			
Inc.			3,770	US\$ 4,383			
Corp.			3,500	US\$ 3,500			
Corp.			4,000	US\$ 4,044			
			3,345	US\$ 3,699			

(Continued)

Financial Statement	Account	Counter-party	Relationship	Beginning Balance		Acquisition		Disposal (Note 1)		Carryover Value (US\$ in Thousands)
				Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	
	Held-to-maturity financial assets			US\$	20,000	US\$	20,000	US\$	US\$	
					25,000	US\$	25,000			
					25,000	US\$	25,000			
					35,000	US\$	35,103			
					25,000	US\$	25,000			
	Available-for-sale financial assets				8,000	US\$	7,995	8,000	US\$	7,999
							8,765	US\$		8,760
							11,100	US\$		11,096
							3,900	US\$		3,899
							16,104	US\$		16,097
							4,600	US\$		4,598
							3,000	US\$		3,009
							3,770	US\$		3,770
							4,000	US\$		4,014
							4,000	US\$		4,007
							4,000	US\$		4,011
							5,900	US\$		5,975
							4,020	US\$	4,017	4,020
									US\$	4,023
										US\$
							4,000	US\$		3,997
							4,000	US\$		3,995
							5,000	US\$		4,997
							3,100	US\$	3,100	US\$
										US\$
							5,000	US\$		5,049
					11,000	US\$	11,028		11,000	US\$
							5,000	US\$		5,098
							4,634	US\$		4,726

tg								
tg	1,350	US\$ 1,352	2,300	US\$ 2,304	3,650	US\$ 3,653	US\$ 3	
tg			4,289	US\$ 4,282	4,289	US\$ 4,292	US\$ 4	
tg			4,717	US\$ 4,719				
tg			3,840	US\$ 4,027				
tg			3,720	US\$ 3,953				
tg			4,121	US\$ 4,261				
tg			4,197	US\$ 4,261				
			10,000	US\$ 9,985				
			8,000	US\$ 7,996	8,000	US\$ 7,996	US\$ 7	
			5,000	US\$ 4,996	5,000	US\$ 5,001	US\$ 4	
			4,000	US\$ 3,999	4,000	US\$ 3,999	US\$ 3	
	10,000	US\$ 9,987			10,000	US\$10,007	US\$ 9	
			10,000	US\$ 9,998	10,000	US\$10,010	US\$ 9	
	8,000	US\$ 7,992			8,000	US\$ 8,009	US\$ 8	
			6,050	US\$ 6,050	6,050	US\$ 6,060	US\$ 6	
			5,000	US\$ 5,009				
			6,800	US\$ 6,811				
			8,000	US\$ 7,990				
	10,000	US\$10,012			10,000	US\$10,047	US\$10	
	4,700	US\$ 4,715			4,700	US\$ 4,716	US\$ 4	
			4,500	US\$ 4,497	3,100	US\$ 3,098	US\$ 3	
	11,200	US\$11,186	1,500	US\$ 1,498	4,300	US\$ 4,294	US\$ 4	
			4,000	US\$ 4,012	4,000	US\$ 4,002	US\$ 4	
			8,000	US\$ 8,082	8,000	US\$ 8,057	US\$ 8	
	3,000	US\$ 2,989			3,000	US\$ 3,001	US\$ 2	

(Continued)

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Financial Statement Account	Counter-party	Relationship	Beginning Balance		Acquisition		Disposal (Note 1)			
			Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Amount (US\$ in Thousands)	
			(In Thousands)	(US\$ in Thousands)	(In Thousands)	(US\$ in Thousands)	(In Thousands)	(US\$ in Thousands)	(US\$ in Thousands)	
Available-for-sale financial assets			US\$	8,000	US\$	8,193	8,000	US\$	8,123	US\$
					6,397	US\$	6,394			
			4,000	US\$	4,228			4,000	US\$	4,205
					3,426	US\$	3,494			
					3,343	US\$	3,466			
					4,000	US\$	4,149			
					3,638	US\$	3,827			
					4,686	US\$	4,681			
					3,123	US\$	3,261			
					3,000	US\$	3,141	3,000	US\$	3,134
					3,252	US\$	3,405	3,252	US\$	3,397
					24,000	US\$	25,241	24,000	US\$	25,233
					14,200	US\$	14,863	14,200	US\$	14,981
					14,200	US\$	14,790	14,200	US\$	14,901
					4,092	US\$	4,090			
					4,390	US\$	4,712			
					10,420	US\$	10,412			
			4,500	US\$	4,491			4,500	US\$	4,496
					8,000	US\$	8,002	8,000	US\$	7,997
					7,000	US\$	6,994	7,000	US\$	6,995
					4,500	US\$	4,507			
					5,750	US\$	5,771			
					7,855	US\$	7,869			
					4,300	US\$	4,308			
					4,010	US\$	4,024			
					7,004	US\$	7,305			
					3,050	US\$	3,278			
					3,800	US\$	3,800			
Available-for-sale financial assets					24,000	US\$	24,116	24,000	US\$	24,105

			45,070	US\$ 45,309		45,070	US\$ 45,258	US\$
			43,900	US\$ 43,832		43,900	US\$ 44,134	US\$
			53,000	US\$ 53,069		53,000	US\$ 53,316	US\$
			16,800	US\$ 16,889		16,800	US\$ 16,897	US\$
			49,700	US\$ 49,742		8,000	US\$ 8,066	US\$
	21,400	US\$21,394				21,400	US\$ 21,487	US\$
			7,000	US\$ 7,078				
	37,700	US\$39,012				37,700	US\$ 38,784	US\$
			8,000	US\$ 8,040		8,000	US\$ 8,028	US\$
			10,000	US\$ 10,040		10,000	US\$ 10,045	US\$
			5,250	US\$ 5,195				
			11,100	US\$ 11,084				
			4,400	US\$ 4,380		4,400	US\$ 4,464	US\$
			5,000	US\$ 5,009		5,000	US\$ 4,977	US\$
Available-for-sale financial assets	8,858	US\$ 8,858	337,008	US\$337,008		333,479	US\$333,479	US\$3

(Continued)

Marketable Securities	Financial Statement	Type and Name	Account	Counter-party	Relationship	Nature of	Beginning	Acquisition	Disposal (Note 2)	Carrying		
							Balance	Shares/Unit	Amount	Value		
							(In US\$)	(In US\$)	(US\$ in)	(US\$		
							(US\$	(Note	(In	in		
							(In	in	(In	in		
							Thousands)	Thousands)	Thousands)	Thousands)		
Corporate issued note		Barclays U.S. Fdg LLC	Available-for-sale financial assets				4,500	US\$4,489	US\$	4,500	US\$4,489	US\$4,489

Note 1: The shares/units and amount of marketable securities acquired do not include stock dividends from investees.

Note 2: The data for marketable securities disposed exclude bonds maturities and redemption by the issuer.

Note 3: The ending balance includes the amortization of premium/discount on bonds investments, unrealized valuation gains/ losses on financial assets, translation adjustments, equity in earnings/losses of equity method investees and other adjustments to long-term investment using equity method.

(Concluded)



**TABLE 4**

**Taiwan Semiconductor Manufacturing Company Limited**  
**ACQUISITION OF INDIVIDUAL REAL ESTATE PROPERTIES AT COSTS OF AT LEAST NT\$100**  
**MILLION OR 20% OF THE PAID-IN CAPITAL**  
**FOR THE YEAR ENDED DECEMBER 31, 2010**  
**(Amounts in Thousands of New Taiwan Dollars)**

Transaction Date	Transaction Amount	Payment Term	Counter-party	Nature of Relationships	Prior Transaction of Owner	Relationships of Related Counter-party	Transfer Date	Amount	Price Reference
January 28, 2010 to December 27,	\$1,169,132	By the construction progress	China Steel Structure Co., Ltd.		N/A	N/A	N/A	N/A	Public bidding
January 28, 2010 to December 29,	1,959,787	By the construction progress	Fu Tsu Construction Co., Ltd.		N/A	N/A	N/A	N/A	Public bidding
January 19, 2010 to December 29,	2,800,940	By the construction progress	Da Cin Constructure Co., Ltd.		N/A	N/A	N/A	N/A	Public bidding
January 25, 2010 to December 30,	493,403	By the construction progress	Tasa Construction Corporation		N/A	N/A	N/A	N/A	Public bidding
January 1, 2010 to December 30,	125,277	By the construction progress	I-Domain Industrial Co., Ltd.		N/A	N/A	N/A	N/A	Public bidding
January 26, 2010 to December 30,	195,831	By the construction progress	Mirle Automation Corporation		N/A	N/A	N/A	N/A	Public bidding
January 30, 2010 to December 30,	2,900,000	Based on the agreement	Powerchip Technology Corporation		N/A	N/A	N/A	N/A	Pricing report

**TABLE 5**

**Taiwan Semiconductor Manufacturing Company Limited and Investees**  
**TOTAL PURCHASES FROM OR SALES TO RELATED PARTIES OF AT LEAST NT\$100 MILLION OR**  
**20% OF THE PAID-IN CAPITAL**  
**FOR THE YEAR ENDED DECEMBER 31, 2010**  
**(Amounts in Thousands of New Taiwan Dollars)**

Company	Related Party Name	Nature of Relationship	Purchases/ Sales	Transaction Details			Abnormal Transaction Unit Price (Note)	Payment Terms (Note)	Notes/Accounts Payable or Receivable	
				Amount	% to Total	Payment Terms			Ending Balance	% to Total Note
TSMC	TSMC North America	Subsidiary	Sales	\$220,529,792	53					
	GUC	Investee with a controlling financial interest	Sales	2,818,499	1		Net 30 days after invoice date	\$ 25,579,259	53	
	VIS	Investee accounted for using equity method	Sales	223,433			Net 30 days after monthly closing	154,589		
	TSMC China	Subsidiary	Purchase	\$8,748,101	18		Net 30 days after monthly closing	(895,193)	7	
	WaferTech	Indirect subsidiary	Purchases	7,878,260	16		Net 30 days after monthly closing	(568,685)	4	
	VIS	Investee accounted for using equity method	Purchases	4,937,617	10		Net 30 days after monthly closing	(428,797)	3	
	SSMC	Investee accounted for using equity method	Purchases	4,521,046	10		Net 30 days after monthly closing	(430,235)	3	
	GUC	TSMC North America company	Purchases	780,070	18		Net 30 days after invoice date/net 30 days after monthly closing	(102,302)	14	
	Xintec	OmniVision	Sales	2,252,522	57			118,933	62	

Parent  
company  
of director  
(represented  
for  
Xintec)

Net 30 days after  
monthly closing

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

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**TABLE 6**

**Taiwan Semiconductor Manufacturing Company Limited and Investees**  
**RECEIVABLES FROM RELATED PARTIES AMOUNTING TO AT LEAST NT\$100 MILLION OR 20%**  
**OF THE PAID-IN CAPITAL**  
**DECEMBER 31, 2010**  
**(Amounts in Thousands of New Taiwan Dollars)**

<b>Company</b>	<b>Related</b>							
<b>Name</b>	<b>Party</b>	<b>Nature of Relationships</b>	<b>Ending Balance</b>	<b>Turnover Days (Note 1)</b>	<b>Overdue Amounts</b>	<b>Action Taken</b>	<b>Amounts Received in Subsequent Period</b>	<b>Allowance for Bad Debts</b>
TSMC	TSMC							
	North America	Subsidiary	\$25,582,932	40	\$8,255,062		\$ 11,282,114	\$
	TSMC							
	China	Subsidiary	1,170,407	(Note 2)				
	GUC	Investee with a controlling financial interest	154,589	32	7,415			
Xintec	OmniVision	Parent company of director (represented for Xintec)	118,933	42				

Note 1: The calculation of turnover days excludes other receivables from related parties.

Note 2: The ending balance primarily consisted of other receivables, which is not applicable for the calculation of turnover days.

**TABLE 7**

**Taiwan Semiconductor Manufacturing Company Limited and Investees  
 NAMES, LOCATIONS, AND RELATED INFORMATION OF INVESTEES OVER WHICH THE  
 COMPANY EXERCISES SIGNIFICANT INFLUENCE  
 DECEMBER 31, 2010**

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

Company	Location	Main Businesses and Products	Original Investment Amount		Balance as of December 31, 2010		Net Income (Losses) of Investee (Foreign Currencies in Thousands)	
			December 31, 2010 (Foreign Currencies in Thousands)	December 31, 2009 (Foreign Currencies in Thousands)	Share Percentage (In %)	Carrying Value (Foreign Currencies in Thousands)		
	Tortola, British Virgin Islands	Investment activities	\$42,327,245	\$42,327,245	1	100	\$43,710,543	\$ 660,930
	Tortola, British Virgin Islands	Investing in companies involved in the design, manufacture, and other related business in the semiconductor industry	31,456,130	31,456,130	988,268	100	33,565,775	2,313,650
	Hsin-Chu, Taiwan	Research, design, development, manufacture, packaging, testing and sale of memory integrated circuits, LSI, VLSI and related parts	13,232,288	13,232,288	628,223	38	9,422,452	1,952,380
	Singapore	Fabrication and supply of integrated circuits	5,120,028	5,120,028	314	39	7,120,714	3,881,060
	Taipei, Taiwan	Manufacturing and sales of solar cells, crystalline silicon solar cell, and test and measurement instruments and design and construction of solar power systems	6,228,661		76,069	20	6,733,369	4,584,720
	Shanghai, China	Manufacturing and selling of integrated circuits at the order of and pursuant to product design specifications provided by customers	12,180,367	12,180,367		100	4,252,270	1,386,570
	San Jose, California,	Selling and marketing of integrated circuits and	333,718	333,718	11,000	100	2,873,888	302,590

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U.S.A.	semiconductor devices											
Cayman Islands	Investing in new start-up technology companies	3,565,441		1,703,163			99		2,769,423			(247,270)
Taoyuan, Taiwan	Wafer level chip size packaging service	1,357,890		1,357,890		93,081	41		1,645,201			505,200
Hsin-Chu, Taiwan	Researching, developing, manufacturing, testing and marketing of integrated circuits	386,568		386,568		46,688	35		1,113,516			604,500
Cayman Islands	Investing in new start-up technology companies	1,166,470		1,093,943			98		1,063,057			120,610
Cayman Islands	Investing in new start-up technology companies	971,785		959,044			99		304,310			2,340
Amsterdam, the Netherlands	Marketing and engineering supporting activities	15,749		15,749			100		177,784			38,800
Yokohama, Japan	Marketing activities	83,760		83,760		6	100		150,312			4,700
Delaware, U.S.A.	Engaged in selling and marketing of solar related products	60,962				1	100		26,527			(35,510)
Amsterdam, the Netherlands	Engaged in investing activities of solar related business	25,350					100		23,971			(430)
Seoul, Korea	Customer service and technical supporting activities	13,656		13,656		80	100		20,929			2,700
Delaware, U.S.A.	Engaged in selling and marketing of LED related products	3,133				1	100		3,133			
Delaware, U.S.A.	Investment activities	US\$ 0.001	US\$ 0.001			1	100	US\$ 403,257	US\$ 62,800			
Cayman Islands	Investing in companies involved in the design, manufacturing, and other related businesses in the semiconductor industry	US\$ 43,000	US\$ 43,000			43,000	49	US\$ 83,057	US\$ 11,320			
Cayman Islands	Investing in new start-up technology companies	US\$ 4,088	US\$ 7,680			4,088	97	US\$ 21,523	US\$ 8,900			
Cayman Islands	Investing in new start-up technology companies	US\$ 16,532	US\$ 21,415			16,532	97	US\$ 13,660	US\$ 4,900			
Delaware, U.S.A.	Engineering support activities	US\$ 0.001	US\$ 0.001			1	100	US\$ 9,878	US\$ 800			
Ontario, Canada	Engineering support activities	US\$ 2,300	US\$ 2,300			2,300	100	US\$ 3,714	US\$ 340			

(Continued)



Investee Company	Location	Main Businesses and Products	Original Investment Amount		Balance as of December 31, 2010			Net Income (Losses) for the year ended December 31, 2010
			December 31, 2010	December 31, 2009	Shareholders' Equity	Percentage Ownership	Value	
			(Foreign Currencies in Thousands)	(Foreign Currencies in Thousands)	(In Thousands)	of	(Foreign Currencies in Thousands)	
GlobalFoundries Inc. (Common Stock)	Delaware, U.S.A.	Research, development, and sale of micro-semiconductor device	US\$ 800	US\$ 800	5,333	70	US\$	US\$ (6,000)
GlobalFoundries Inc. (Preferred Stock)	Delaware, U.S.A.	Research, development, and sale of micro-semiconductor device	US\$ 1,000	US\$ 1,000	1,000	10		(6,000)
GlobalFoundries Tech	Washington, U.S.A.	Manufacturing, selling, testing and computer-aided designing of integrated circuits and other semiconductor devices	US\$280,000	US\$330,000	293,637	100	US\$ 165,211	US\$60,000
GlobalFoundries Technology Co.,	Taipei, Taiwan	Manufacturing and selling of electronic parts and researching, developing, and testing of RFID	US\$ 3,937	US\$ 3,088	11,868	57	US\$ 2,058	US\$ (1,000)
GlobalFoundries Technology Co.,	Taipei, Taiwan	Wholesaling telecommunication equipments, and manufacturing wired and wireless communication equipments	US\$ 2,206	US\$ 1,777	5,623	43	US\$ 546	US\$ (1,000)
GlobalFoundries Growth Fund	Cayman Islands	Investing in new start-up technology companies	US\$ 1,700	US\$ 1,550		100	US\$ 846	US\$ (1,000)
GlobalFoundries Holdings	Delaware, U.S.A.	Investing in new start-up technology companies				62		
GlobalFoundries Holdings	Delaware, U.S.A.	Investing in new start-up technology companies				31		



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C-NA	U.S.A.	Consulting services in main products	US\$ 1,249	US\$ 800	800	100	\$ 58,045	\$10,
C-Japan	Japan	Consulting services in main products	JPY 30,000	JPY 30,000	1	100	14,706	1,
C-BVI	British Virgin Islands	Investment activities	US\$ 550	US\$ 550	550	100	8,761	(8,
C-Europe	The Netherlands	Consulting services in main products	EUR 100	EUR 100		100	3,747	(
C-Shanghai	Shanghai, China	Consulting services in main products	US\$ 500			100	7,468	(7,
Holdings	Delaware, U.S.A.	Investing in new start-up technology companies				7		
C Solar pe GmbH	Hamburg, Germany	Engaged in the selling and customer service of solar cell modules and related products	EUR 100			1 100	3,658	(

Note 1: Equity in earnings/losses of investees include the effect of unrealized gross profit from affiliates.

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

Note 3: Equity in earnings/losses was determined based on the unaudited financial statements.

(Concluded)

**TABLE 8**

**Taiwan Semiconductor Manufacturing Company Limited and Investees**  
**INFORMATION OF INVESTMENT IN MAINLAND CHINA**  
**FOR THE YEAR ENDED DECEMBER 31, 2010**  
(Amounts in Thousands of New Taiwan Dollars, Unless Specified Otherwise)

Investee Company	Main Businesses and Products	Total Amount of Paid-in Capital (Thousand)	Method of Investment	Accumulated Outflow of Investment from Taiwan as of	Investment Flows	Accumulated Outflow of Investment from Taiwan as of	Percentage of Ownership	Equity in the Earnings (Losses)
				January 1, 2010 (US\$ in Thousand)	Outflow (US\$ in Thousand)	December 31, 2010 (US\$ in Thousand)		
TSMC China	Manufacturing and selling of integrated circuits at the order of and pursuant to product design specifications provided by customers	\$12,180,367 (RMB 3,070,623)	(Note 1)	\$12,180,367 (US\$371,000)	\$ -	\$12,180,367 (US\$371,000)	100%	\$1,358,492 (Note 3)
GUC-Shanghai	Consulting services in main products	16,160 (US\$500)	(Note 2)		16,160 (US\$500)	16,160 (US\$500)	100%	(7,971) (Note 4)

Investor Company	Accumulated Investment in Mainland China as of December 31, 2010 (US\$ in Thousand)	Investment Amounts Authorized by Investment Commission, MOEA (US\$ in Thousand)	Upper Limit on Investment (US\$ in Thousand)
TSMC	\$ 12,180,367 (US\$371,000)	\$ 12,180,367 (US\$371,000)	\$ 12,180,367 (US\$371,000)
GUC	16,160 (US\$500)	16,160 (US\$500)	1,909,972 (Note 5)

Note 1: TSMC directly invested US\$371,000 thousand in TSMC China.

Note 2: GUC, TSMC's investee with a controlling financial interest, indirectly invested in GUC-Shanghai through GUC-BVI.

Note 3: Amount was recognized based on the audited financial statements.

Note 4: Amount was determined based on the unaudited financial statements.

Note 5: Subject to 60% of net asset value of GUC according to the revised Guidelines Governing the Approval of Investment or Technical Cooperation in Mainland China issued by the Investment Commission.

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**Taiwan Semiconductor  
Manufacturing Company Limited and Subsidiaries  
Consolidated Financial Statements for the  
Years Ended December 31, 2010 and  
2009 and Independent Auditors Report**

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**REPRESENTATION LETTER**

The entities that are required to be included in the combined financial statements of Taiwan Semiconductor Manufacturing Company Limited as of and for the year ended December 31, 2010, under the Criteria Governing the Preparation of Affiliation Reports, Consolidated Business Reports and Consolidated Financial Statements of Affiliated Enterprises are the same as those included in the consolidated financial statements prepared in conformity with the revised Statement of Financial Accounting Standards No. 7, Consolidated Financial Statements. In addition, the information required to be disclosed in the combined financial statements is included in the consolidated financial statements. Consequently, Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries do not prepare a separate set of combined financial statements.

Very truly yours,

TAIWAN SEMICONDUCTOR  
MANUFACTURING COMPANY LIMITED

By /s/ MORRIS CHANG  
MORRIS CHANG  
Chairman  
January 24, 2011

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**INDEPENDENT AUDITORS' REPORT**

The Board of Directors and Shareholders

Taiwan Semiconductor Manufacturing Company Limited

We have audited the accompanying consolidated balance sheets of Taiwan Semiconductor Manufacturing Company Limited and subsidiaries as of December 31, 2010 and 2009, and the related consolidated statements of income, changes in shareholders' equity and cash flows for the years then ended. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with the Rules Governing the Audit of Financial Statements by Certified Public Accountants and auditing standards generally accepted in the Republic of China. Those rules and standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Taiwan Semiconductor Manufacturing Company Limited and subsidiaries as of December 31, 2010 and 2009, and the results of their consolidated operations and their consolidated cash flows for the years then ended in conformity with the Guidelines Governing the Preparation of Financial Reports by Securities Issuers and accounting principles generally accepted in the Republic of China.

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As discussed in Note 3 to the consolidated financial statements, effective January 1, 2009, Taiwan Semiconductor Manufacturing Company Limited and subsidiaries adopted the newly revised Statement of Financial Accounting Standards No. 10, Accounting for Inventories.

January 24, 2011

Notice to Readers

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

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

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**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**CONSOLIDATED BALANCE SHEETS**  
**DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars, Except Par Value)

	2010		2009	
	Amount	%	Amount	%
<b>ASSETS</b>				
<b>CURRENT ASSETS</b>				
Cash and cash equivalents (Notes 2 and 4)	\$ 147,886,955	20	\$ 171,276,341	29
Financial assets at fair value through profit or loss (Notes 2, 5 and 25)	6,886		186,081	
Available-for-sale financial assets (Notes 2, 6 and 25)	28,883,728	4	14,389,946	2
Held-to-maturity financial assets (Notes 2, 7 and 25)	4,796,589	1	9,944,843	2
Receivables from related parties	2,722		12,524	
Notes and accounts receivable	51,029,885	7	44,637,642	7
Allowance for doubtful receivables (Notes 2 and 8)	(504,029)		(543,325)	
Allowance for sales returns and others (Notes 2 and 8)	(7,546,264)	(1)	(8,724,481)	(1)
Other receivables from related parties (Note 26)	124,586		121,292	
Other financial assets (Note 27)	1,021,552		1,849,987	
Inventories (Notes 2, 3 and 9)	28,405,984	4	20,913,751	4
Deferred income tax assets (Notes 2 and 20)	5,373,076	1	4,370,309	1
Prepaid expenses and other current assets	2,037,647		1,368,838	
<b>Total current assets</b>	<b>261,519,317</b>	<b>36</b>	<b>259,803,748</b>	<b>44</b>
<b>LONG-TERM INVESTMENTS (Notes 2, 6, 7, 10, 12 and 25)</b>				
Investments accounted for using equity method	25,815,385	4	17,871,208	3
Available-for-sale financial assets	1,033,049		1,358,049	
Held-to-maturity financial assets	8,502,887	1	15,553,242	3
Financial assets carried at cost	4,424,207	1	3,063,004	1
<b>Total long-term investments</b>	<b>39,775,528</b>	<b>6</b>	<b>37,845,503</b>	<b>7</b>
<b>PROPERTY, PLANT AND EQUIPMENT (Notes 2, 13, 26 and 27)</b>				
<b>Cost</b>				
Land and land improvements	891,197		934,090	



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Buildings	145,966,024	20	142,294,558	24
Machinery and equipment	913,155,252	127	775,653,489	130
Office equipment	14,856,582	2	13,667,747	2
Leased assets	701,552		714,424	
	1,075,570,607	149	933,264,308	156
Accumulated depreciation	(773,278,157)	(107)	(693,743,886)	(117)
Advance payments and construction in progress	86,151,573	12	34,154,365	6
Net property, plant and equipment	388,444,023	54	273,674,787	45
<b>INTANGIBLE ASSETS</b>				
Goodwill (Note 2)	5,704,897	1	5,931,318	1
Deferred charges, net (Notes 2 and 14)	6,027,085	1	6,458,554	1
Total intangible assets	11,731,982	2	12,389,872	2
<b>OTHER ASSETS</b>				
Deferred income tax assets (Notes 2 and 20)	7,362,784	1	7,988,303	1
Refundable deposits	8,677,970	1	2,733,143	1
Others (Notes 2 and 27)	1,417,300		260,864	
Total other assets	17,458,054	2	10,982,310	2
<b>TOTAL</b>	<b>\$ 718,928,904</b>	<b>100</b>	<b>\$ 594,696,220</b>	<b>100</b>

	<b>2010</b>		<b>2009</b>	
	<b>Amount</b>	<b>%</b>	<b>Amount</b>	<b>%</b>
<b>LIABILITIES AND SHAREHOLDERS EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Short-term loans (Note 15)	\$ 31,213,944	4	\$	
Financial liabilities at fair value through profit or loss (Notes 2, 5 and 25)	19,002		25	
Hedging derivative financial liabilities (Notes 2, 11 and 25)	814			
Accounts payable	12,104,173	2	10,905,884	2
Payables to related parties (Note 26)	867,085		783,007	
Income tax payable (Notes 2 and 20)	7,184,697	1	8,800,249	1
Salary and bonus payable	6,424,064	1	9,317,035	2
Accrued profit sharing to employees and bonus to directors and supervisors (Notes 2 and 22)	11,096,147	2	6,818,343	1

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Payables to contractors and equipment suppliers	43,259,857	6	28,924,265	5
Accrued expenses and other current liabilities (Notes 18, 25 and 29)	10,779,923	1	12,635,182	2
Current portion of long-term bank loans (Notes 17, 25 and 27)	241,407		949,298	
<b>Total current liabilities</b>	<b>123,191,113</b>	<b>17</b>	<b>79,133,288</b>	<b>13</b>
<b>LONG-TERM LIABILITIES</b>				
Bonds payable (Notes 16 and 25)	4,500,000	1	4,500,000	1
Long-term bank loans (Notes 17, 25 and 27)	301,561		578,560	
Other long-term payables (Notes 18, 25 and 29)	6,554,208	1	5,602,420	1
Obligations under capital leases (Notes 2, 13 and 25)	694,986		707,499	
<b>Total long-term liabilities</b>	<b>12,050,755</b>	<b>2</b>	<b>11,388,479</b>	<b>2</b>
<b>OTHER LIABILITIES</b>				
Accrued pension cost (Notes 2 and 19)	3,812,351	1	3,797,032	1
Guarantee deposits (Note 29)	789,098		1,006,023	
Deferred credits	126,539		185,689	
Others	254,643		137,161	
<b>Total other liabilities</b>	<b>4,982,631</b>	<b>1</b>	<b>5,125,905</b>	<b>1</b>
<b>Total liabilities</b>	<b>140,224,499</b>	<b>20</b>	<b>95,647,672</b>	<b>16</b>
<b>EQUITY ATTRIBUTABLE TO SHAREHOLDERS OF THE PARENT</b>				
Capital stock NT\$10 par value (Note 22) Authorized: 28,050,000 thousand shares Issued: 25,910,078 thousand shares in 2010 25,902,706 thousand shares in 2009	259,100,787	36	259,027,066	43
Capital surplus (Notes 2 and 22)	55,698,434	8	55,486,010	9
Retained earnings (Note 22) Appropriated as legal capital reserve	86,239,494	12	77,317,710	13
Appropriated as special capital reserve	1,313,047			
Unappropriated earnings	178,227,030	24	104,564,972	18
	265,779,571	36	181,882,682	31
Others (Notes 2, 11 and 25) Cumulative translation adjustments	(6,543,163)	(1)	(1,766,667)	

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Unrealized gain on financial instruments	109,289		453,621	
	(6,433,874)	(1)	(1,313,046)	
Equity attributable to shareholders of the parent	574,144,918	79	495,082,712	83
MINORITY INTERESTS (Note 2)	4,559,487	1	3,965,836	1
Total shareholders equity	578,704,405	80	499,048,548	84
TOTAL	\$ 718,928,904	100	\$ 594,696,220	100

The accompanying notes are an integral part of the consolidated financial statements.  
 (With Deloitte & Touche audit report dated January 24, 2011)

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**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**CONSOLIDATED STATEMENTS OF INCOME**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2010		2009	
	Amount	%	Amount	%
GROSS SALES (Notes 2 and 26)	\$ 431,630,858		\$ 309,655,614	
SALES RETURNS AND ALLOWANCES (Notes 2 and 8)	12,092,947		13,913,375	
NET SALES	419,537,911	100	295,742,239	100
COST OF SALES (Notes 3, 9, 21 and 26)	212,484,320	51	166,413,628	56
GROSS PROFIT	207,053,591	49	129,328,611	44
OPERATING EXPENSES (Notes 21 and 26)				
Research and development	29,706,662	7	21,593,398	7
General and administrative	12,803,997	3	11,285,478	4
Marketing	5,367,597	1	4,487,849	2
Total operating expenses	47,878,256	11	37,366,725	13
INCOME FROM OPERATIONS	159,175,335	38	91,961,886	31
NON-OPERATING INCOME AND GAINS				
Settlement income (Note 29)	6,939,764	2	1,464,915	1
Equity in earnings of equity method investees, net (Notes 2 and 10)	2,298,159	1	45,994	
Interest income	1,665,193		2,600,925	1
Gain on settlement and disposal of financial assets, net (Notes 2 and 25)	736,843		15,999	

Technical service income (Notes 26 and 29)	450,503		367,013	
Valuation gain on financial instruments, net (Notes 2, 5 and 25)	320,730		594,660	
Others (Notes 2 and 26)	724,880		564,042	
Total non-operating income and gains	13,136,072	3	5,653,548	2

(Continued)

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**CONSOLIDATED STATEMENTS OF INCOME**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2010		2009	
	Amount	%	Amount	%
<b>NON-OPERATING EXPENSES AND LOSSES</b>				
Loss on disposal of property, plant and equipment (Note 2)	\$ 849,254		\$ 391,479	
Interest expense	425,356			
Casualty loss (Note 9)	190,992			
Impairment of financial assets (Notes 2, 6, 12 and 25)	159,798		913,230	1
Foreign exchange loss, net (Note 2)	99,130		626,971	
Others (Note 2)	316,482		221,107	
Total non-operating expenses and losses	2,041,012		2,152,787	1
INCOME BEFORE INCOME TAX	170,270,395	41	95,462,647	32
INCOME TAX EXPENSE (Notes 2 and 20)	7,988,465	2	5,996,424	2
NET INCOME	\$ 162,281,930	39	\$ 89,466,223	30
ATTRIBUTABLE TO:				
Shareholders of the parent	\$ 161,605,009	39	\$ 89,217,836	30
Minority interests	676,921		248,387	
	\$ 162,281,930	39	\$ 89,466,223	30

	2010		2009	
	Income Attributable to Shareholders of the Parent		Income Attributable to Shareholders of the Parent	
	Before	After	Before	After

	<b>Income Tax</b>	<b>Income Tax</b>	<b>Income Tax</b>	<b>Income Tax</b>
EARNINGS PER SHARE (NT\$, Note 24)				
Basic earnings per share	\$ 6.54	\$ 6.24	\$ 3.68	\$ 3.45
Diluted earnings per share	\$ 6.54	\$ 6.23	\$ 3.67	\$ 3.44

The accompanying notes are an integral part of the consolidated financial statements.  
 (With Deloitte & Touche audit report dated January 24, 2011)

(Concluded)

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars, Except Dividends Per Share)

Stock	Common	Equity Attributable to Shareholders of the Parent					Cumulative	Others Unrealized Gain (Loss) on Financial	Total
		Capital Surplus	Legal Capital Reserve	Special Capital Reserve	Unappropriated Earnings	Total			
Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	
7	\$ 256,254,373	\$ 49,875,255	\$ 67,324,393	\$ 391,857	\$ 102,337,417	\$ 170,053,667	\$ 481,158	\$(287,342)	\$ 476,377,111
			9,993,317		(9,993,317)				
				(391,857)	391,857				
					(76,876,312)	(76,876,312)			(76,876,312)
1	512,509				(512,509)	(512,509)			
0	1,418,699	6,076,289							7,494,988
5	768,763	(768,763)							
					89,217,836	89,217,836			89,217,836
		115,418							115,418



							(2,247,825)		(2,247,825)
2	72,722	187,811							260,533
								622,541	622,541
								118,422	118,422
6	259,027,066	55,486,010	77,317,710		104,564,972	181,882,682	(1,766,667)	453,621	495,082,712
			8,921,784		(8,921,784)				
				1,313,047	(1,313,047)				
					(77,708,120)	(77,708,120)			(77,708,120)
					161,605,009	161,605,009			161,605,009
		(17,885)							(17,885)
							(4,776,496)		(4,776,496)
2	73,721	171,103						(337,970)	244,824 (337,970)

59,206

(6,031)

53,175

(331)

(331)

\$ 259,100,787 \$ 55,698,434 \$ 86,239,494 \$ 1,313,047 \$ 178,227,030 \$ 265,779,571 \$(6,543,163) \$ 109,289 \$ 574,144,918

The accompanying notes are an integral part of the consolidated financial statements.  
(With Deloitte & Touche audit report dated January 24, 2011)

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**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**CONSOLIDATED STATEMENTS OF CASH FLOWS**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars)

	<b>2010</b>	<b>2009</b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Net income attributable to shareholders of the parent	\$ 161,605,009	\$ 89,217,836
Net income attributable to minority interests	676,921	248,387
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	87,810,103	80,814,748
Amortization of premium/discount of financial assets	34,142	21,483
Impairment of financial assets	159,798	913,230
Loss (gain) on disposal of available-for-sale financial assets, net	(603,368)	20,337
Gain on held-to-maturity financial assets redeemed by the issuer		(16,091)
Gain on disposal of financial assets carried at cost, net	(133,475)	(20,245)
Equity in earnings of equity method investees, net	(2,298,159)	(45,994)
Cash dividends received from equity method investees	320,002	1,239,490
Loss (gain) on disposal of property, plant and equipment and other assets, net	633,230	(45,475)
Settlement income from receiving equity securities	(4,434,364)	
Loss on idle assets	319	
Deferred income tax	(377,248)	(1,752,409)
Changes in operating assets and liabilities:		
Decrease (increase) in:		
Financial assets and liabilities at fair value through profit or loss	198,172	(215,513)
Receivables from related parties	9,802	(12,117)
Notes and accounts receivable	(6,392,243)	(19,614,321)
Allowance for doubtful receivables	(39,296)	87,574
Allowance for sales returns and others	(1,178,217)	2,653,455
Other receivables from related parties	(3,294)	(21,374)
Other financial assets	740,959	7,834
Inventories	(7,492,233)	(6,037,106)
Prepaid expenses and other current assets	(752,408)	585,430
Increase (decrease) in:		
Accounts payable	933,894	4,916,885
Payables to related parties	84,078	293,150
Income tax payable	(1,615,552)	(531,576)
Salary and bonus payable	(2,892,971)	7,101,255
Accrued profit sharing to employees and bonus to directors and supervisors	4,277,804	(1,056,399)
Accrued expenses and other current liabilities	248,192	1,356,269
Accrued pension cost	15,319	95,448
Deferred credits	(59,150)	(237,726)
Net cash provided by operating activities	229,475,766	159,966,465

(Continued)



**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**CONSOLIDATED STATEMENTS OF CASH FLOWS**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars)

	<b>2010</b>	<b>2009</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Acquisitions of:		
Property, plant and equipment	\$ (186,944,203)	\$ (87,784,906)
Available-for-sale financial assets	(48,340,334)	(38,800,577)
Held-to-maturity financial assets	(4,101,501)	(12,224,353)
Investments accounted for using equity method	(6,242,350)	(42,947)
Financial assets carried at cost	(1,812,928)	(321,195)
Proceeds from disposal or redemption of:		
Available-for-sale financial assets	37,816,288	36,039,978
Held-to-maturity financial assets	15,943,000	7,944,800
Financial assets carried at cost	242,335	131,075
Property, plant and equipment and other assets	115,524	24,241
Increase in deferred charges	(1,801,728)	(1,469,831)
Decrease (increase) in refundable deposits	(5,944,827)	34,056
Decrease (increase) in other assets	(1,015,458)	1,176
 Net cash used in investing activities	 (202,086,182)	 (96,468,483)
 <b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Increase in short-term loans	31,213,944	
Proceeds from long-term bank loans		286,574
Repayments of:		
Long-term bank loans	(967,034)	(378,673)
Bonds payable		(8,000,000)
Decrease in other long-term payables	(1,107,333)	
Decrease in guarantee deposits	(232,925)	(478,472)
Proceeds from donation	49,021	
Proceeds from exercise of employee stock options	244,824	260,533
Cash dividends	(77,708,120)	(76,876,312)
Decrease in minority interests	(130,083)	(284,774)
 Net cash used in financing activities	 (48,637,706)	 (85,471,124)
 <b>NET DECREASE IN CASH AND CASH EQUIVALENTS</b>	 (21,248,122)	 (21,973,142)
 <b>EFFECT OF EXCHANGE RATE CHANGES</b>	 (2,141,264)	 (1,364,269)
 <b>CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR</b>	 171,276,341	 194,613,752

CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 147,886,955	\$ 171,276,341
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(Continued)

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**CONSOLIDATED STATEMENTS OF CASH FLOWS**  
**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**  
(In Thousands of New Taiwan Dollars)

	<b>2010</b>	<b>2009</b>
<b>SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION</b>		
Interest paid	\$ 392,805	\$ 580,376
Income tax paid	\$ 9,818,418	\$ 8,088,124
<b>INVESTING ACTIVITIES AFFECTING BOTH CASH AND NON-CASH ITEMS</b>		
Acquisition of property, plant and equipment	\$ 201,696,476	\$ 109,151,226
Increase in payables to contractors and equipment suppliers	(14,599,987)	(21,361,340)
Nonmonetary exchange trade-out price	(124,746)	(809)
Increase in other liabilities	(27,540)	
Increase in obligations under capital leases		(4,171)
Cash paid	\$ 186,944,203	\$ 87,784,906
Acquisition of available-for-sale financial assets	\$ 48,405,875	\$ 38,800,577
Increase in accrued expenses and other current liabilities	(65,541)	
Cash paid	\$ 48,340,334	\$ 38,800,577
Disposal of property, plant and equipment and other assets	\$ 458,561	\$ 25,050
Increase in other financial assets	(218,291)	
Nonmonetary exchange trade-out price	(124,746)	(809)
Cash received	\$ 115,524	\$ 24,241
<b>NON-CASH FINANCING ACTIVITIES</b>		
Current portion of long-term bank loans	\$ 241,407	\$ 949,298
Current portion of other long-term payables (under accrued expenses and other current liabilities)	\$ 1,406,601	\$ 4,005,307

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

(With Deloitte & Touche audit report dated January 24, 2011)

(Concluded)

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**

**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

**FOR THE YEARS ENDED DECEMBER 31, 2010 AND 2009**

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

**1. GENERAL**

Taiwan Semiconductor Manufacturing Company Limited (TSMC), a Republic of China (R.O.C.) corporation, was incorporated on February 21, 1987. TSMC is a dedicated foundry in the semiconductor industry which engages mainly in the manufacturing, selling, packaging, testing and computer-aided design of integrated circuits and other semiconductor devices and the manufacturing of masks. Beginning in 2010, TSMC also engages in the researching, developing, designing, manufacturing and selling of LED lighting devices and related applications products and systems, and renewable energy and efficiency related technologies and products. On September 5, 1994, its shares were listed on the Taiwan Stock Exchange (TSE). On October 8, 1997, TSMC listed some of its shares of stock on the New York Stock Exchange (NYSE) in the form of American Depositary Shares (ADSs).

As of December 31, 2010 and 2009, TSMC and its subsidiaries had 38,393 and 26,390 employees, respectively.

**2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The consolidated financial statements are presented in conformity with the Guidelines Governing the Preparation of Financial Reports by Securities Issuers and accounting principles generally accepted in the R.O.C.

For the convenience of readers, the accompanying consolidated financial statements have been translated into English from the original Chinese version prepared and used in the R.O.C. 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 consolidated financial statements shall prevail.

Significant accounting policies are summarized as follows:

**Principles of Consolidation**

The accompanying consolidated financial statements include the accounts of all directly and indirectly majority owned subsidiaries of TSMC, and the accounts of investees in which TSMC's ownership percentage is less than 50% but over which TSMC has a controlling interest. All significant intercompany balances and transactions are eliminated upon consolidation.



The consolidated entities were as follows:

Name of Investor	Name of Investee	Percentage of Ownership December 31		Remark
		2010	2009	
TSMC	TSMC North America	100%	100%	
	TSMC Japan Limited (TSMC Japan)	100%	100%	
	TSMC Partners, Ltd. (TSMC Partners)	100%	100%	
	TSMC Korea Limited (TSMC Korea)	100%	100%	
	TSMC Europe B.V. (TSMC Europe)	100%	100%	
	TSMC Global Ltd. (TSMC Global)	100%	100%	
	TSMC China Company Limited (TSMC China)	100%	100%	
	VentureTech Alliance Fund III, L.P. (VTAF III)	99%	98%	
	VentureTech Alliance Fund II, L.P. (VTAF II)	98%	98%	
	Emerging Alliance Fund, L.P. (Emerging Alliance)	99.5%	99.5%	
	Global Unichip Corporation (GUC)	35%	35%	TSMC has a controlling interest over the financial, operating and personnel hiring decisions of GUC.
	Xintec Inc. (Xintec)	41%	41%	TSMC obtained three out of five director positions and has a controlling interest in Xintec.
	TSMC Solar North America, Inc. (TSMC Solar NA)	100%		Established in September 2010
	TSMC Lighting North America, Inc. (TSMC Lighting NA)	100%		Established in September 2010
TSMC Solar Europe B.V. (TSMC Solar Europe)	100%		Established in September 2010	
TSMC Partners	TSMC Design Technology Canada Inc. (TSMC Canada)	100%	100%	
	TSMC Technology, Inc. (TSMC Technology)	100%	100%	
	TSMC Development, Inc. (TSMC Development)	100%	100%	
		97%	97%	

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	InveStar Semiconductor Development Fund, Inc. (ISDF)		
	InveStar Semiconductor Development Fund, Inc. (II) LDC. (ISDF II)	97%	97%
TSMC Development	WaferTech, LLC (WaferTech)	100%	99.9%
VTAF III	Mutual-Pak Technology Co., Ltd. (Mutual-Pak)	57%	59%
	Growth Fund Limited (Growth Fund)	100%	100%
VTAF III, VTAF II and Emerging Alliance	VentureTech Alliance Holdings, LLC (VTA Holdings)	100%	100%
GUC	Global Unichip Corp.-NA (GUC-NA)	100%	100%
	Global Unichip Japan Co., Ltd. (GUC-Japan)	100%	100%
	Global Unichip Europe B.V. (GUC-Europe)	100%	100%
	Global Unichip (BVI) Corp. (GUC-BVI)	100%	100%
GUC-BVI	Global Unichip (Shanghai) Company, Limited (GUC-Shanghai)	100%	Established in January 2010
TSMC Solar Europe	TSMC Solar Europe GmbH	100%	Established in December 2010

The following diagram presents information regarding the relationship and ownership percentages between TSMC and its consolidated investees as of December 31, 2010: TSMC North America is engaged in selling and marketing of integrated circuits and semiconductor devices. TSMC Japan, TSMC Korea and TSMC Europe are engaged mainly in marketing or customer service, engineering and technical supporting activities. TSMC Partners is engaged in investment in companies involved in the design, manufacture, and other related business in the semiconductor industry. TSMC Global and TSMC Development are engaged in investing activities. TSMC China is engaged in the manufacturing and selling of integrated circuits pursuant to the orders from and product design specifications provided by customers. Emerging Alliance, VTAF II, VTAF III, VTA Holdings, ISDF, ISDF II, and Growth Fund are engaged in investing in new start-up technology companies. TSMC Canada and TSMC Technology are engaged mainly in engineering support activities. WaferTech is engaged in the manufacturing, selling, testing and computer-aided designing of integrated circuits and other semiconductor devices. GUC is engaged in researching, developing, manufacturing, testing and marketing of integrated circuits. GUC-NA, GUC-Japan, GUC-Europe, and GUC-Shanghai are engaged in providing products consulting in North America, Japan, Europe, and China, respectively. GUC-BVI is engaged in investing activities. Xintec is engaged in the provision of wafer packaging service. TSMC Solar NA is engaged in selling and marketing of solar related products. TSMC Lighting NA is engaged in selling and marketing of LED related products. TSMC Solar Europe is engaged in investing activities of solar related business. TSMC Solar Europe GmbH is engaged in the selling and customer service of solar cell modules and related products. Mutual-Pak is engaged in the manufacturing and selling of electronic parts, and researching, developing and testing of RFID.

TSMC together with its subsidiaries are hereinafter referred to collectively as the Company.

Minority interests in the aforementioned subsidiaries are presented as a separate component of shareholders equity.

### **Use of Estimates**

The preparation of consolidated financial statements in conformity with the aforementioned guidelines and principles requires management to make reasonable assumptions and estimates of matters that are inherently uncertain. The actual results may differ from management's estimates.

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

Current assets are assets held for trading purposes and assets expected to be converted to cash, sold or consumed within one year from the balance sheet date. Current liabilities are obligations incurred for trading purposes and obligations expected to be settled within one year from the balance sheet date. Assets and liabilities that are not classified as current are noncurrent assets and liabilities, respectively.

### **Cash Equivalents**

Repurchase agreements collateralized by government bonds, corporate bonds, agency bonds and corporate issued notes acquired with maturities of less than three months from the date of purchase are classified as cash equivalents. The carrying amount approximates fair value due to their short term nature.

### **Financial Assets/Liabilities at Fair Value Through Profit or Loss**

Derivatives that do not meet the criteria for hedge accounting are initially recognized at fair value, with transaction costs expensed as incurred. The derivatives are remeasured at fair value subsequently with changes in fair value recognized in earnings. A regular way purchase or sale of financial assets is accounted for using settlement date accounting.

Fair value is estimated using valuation techniques incorporating estimates and assumptions that are consistent with prevailing market conditions. When the fair value is positive, the derivative is recognized as a financial asset; when the fair value is negative, the derivative is recognized as a financial liability.

### **Hedging Derivative Financial Instruments**

Hedge derivatives are mainly derivatives instruments that are for cash flow hedge purposes and determined to be an effective hedge. The portion of the gain or loss on the hedging instrument that is determined to be an effective hedge is recognized in shareholders' equity. The amount recognized in shareholders' equity is recognized in profit or loss in the same year or year during which the hedged forecast transaction or an asset or liability arising from the hedged forecast transaction affects profit or loss. However, if all or a portion of a loss recognized in shareholders' equity is not expected to be recovered in the future, the amount that is not expected to be recovered is reclassified into profit or loss.

### **Available-for-sale Financial Assets**

Investments designated as available-for-sale financial assets include debt securities and equity securities. Available-for-sale financial assets are initially recognized at fair value plus transaction costs that are directly attributable to the acquisition. Changes in fair value from subsequent remeasurement are reported as a separate component of shareholders' equity. The corresponding accumulated gains or losses are recognized in earnings when the financial asset is derecognized from the balance sheet. A regular way purchase or sale of financial assets is accounted for using settlement date accounting.

Fair value is determined as follows: Open-end mutual funds and money market funds' net asset values at the end of the year; publicly traded stocks' closing prices at the end of the year; and other debt securities' average of bid and asked prices at the end of the year.

Cash dividends are recognized as investment income upon resolution of shareholders of an investee but are accounted for as a reduction to the original cost of investment if such dividends are declared on the earnings of the investee attributable to the period prior to the purchase of the investment. Stock dividends are recorded as an increase in the number of shares held and do not affect investment income. The cost per share is recalculated based on the new total number of shares.

Any difference between the initial carrying amount of a debt security and the amount due at maturity is amortized using the effective interest method, with the amortization recognized in earnings.

If there is objective evidence which indicates that a financial asset is impaired, a loss is recognized. If, in a subsequent period, the amount of the impairment loss decreases, for equity securities, the previously recognized impairment loss is reversed to the extent of the decrease and recorded as an adjustment to shareholders' equity; for debt securities, the amount of the decrease is recognized in earnings, provided that the decrease is clearly attributable to an event which occurred after the impairment loss was recognized.

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### **Held-to-maturity Financial Assets**

Debt securities for which the Company has a positive intention and ability to hold to maturity are categorized as held-to-maturity financial assets and are carried at amortized cost. Those financial assets are initially recognized at fair value plus transaction costs that are directly attributable to the acquisition. Gains or losses are recognized at the time of derecognition, impairment or amortization. A regular way purchase or sale of financial assets is accounted for using settlement date accounting.

If there is objective evidence which indicates that a financial asset is impaired, a loss is recognized. If, in a subsequent period, the amount of the impairment loss decreases and the decrease is clearly attributable to an event which occurred after the impairment loss was recognized, the previously recognized impairment loss is reversed to the extent of the decrease. The reversal may not result in a carrying amount that exceeds the amortized cost that would have been determined as if no impairment loss had been recognized.

### **Allowance for Doubtful Receivables**

An allowance for doubtful receivables is provided based on a review of the collectability of receivables. The amount of the allowance for doubtful receivables is determined based on the account aging analysis and current trends in the credit quality of the customers. TSMC's provision is set at 1% of the amount of outstanding receivables.

### **Revenue Recognition and Allowance for Sales Returns and Others**

The Company recognizes revenue when evidence of an arrangement exists, the rewards of ownership and significant risk of the goods has been transferred to the buyer; price is fixed or determinable, and collectability is reasonably assured. Provisions for estimated sales returns and other allowances are recorded in the year the related revenue is recognized, based on historical experience, management's judgment, and any known factors that would significantly affect the allowance.

Sales prices are determined using fair value taking into account related sales discounts agreed to by the Company and its customers. Sales agreements typically provide that payment is due 30 days from invoice date for a majority of the customers and 30 to 45 days after the end of the month in which sales occur for some customers. Since the receivables from sales are collectible within one year and such transactions are frequent, fair value of the receivables is equivalent to the nominal amount of the cash to be received.

### **Inventories**

Inventories are recorded at standard cost and adjusted to approximate weighted-average cost on the balance sheet date.

Prior to January 1, 2009, inventories were stated at the lower of cost or market value. Any write-down was made on a total-inventory basis. Market value represented replacement cost for raw materials, supplies and spare parts and net realizable value for work in process and finished goods.

As stated in Note 3, effective January 1, 2009, inventories are stated at the lower of cost or net realizable value. Inventory write-downs are made on an item-by-item basis, 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 necessary selling costs.



### **Investments Accounted for Using Equity Method**

Investments in companies wherein the Company exercises significant influence over the operating and financial policy decisions are accounted for using the equity method. The Company's share of the net income or net loss of an investee is recognized in the equity in earnings/losses of equity method investees, net account. The cost of an investment shall be analyzed and the cost of investment in excess of the fair value of identifiable net assets acquired, representing goodwill, shall not be amortized. If the fair value of identifiable net assets acquired exceeds the cost of investment, the excess shall be proportionately allocated as reductions to fair values of non-current assets (except for financial assets other than investments accounted for using the equity method and deferred income tax assets). When an indication of impairment is identified, the carrying amount of the investment is reduced, with the related impairment loss recognized in earnings.

When the Company subscribes for additional investee's shares at a percentage different from its existing ownership percentage, the resulting carrying amount of the investment in the investee differs from the amount of the Company's share of the investee's equity. The Company records such a difference as an adjustment to long-term investments with the corresponding amount charged or credited to capital surplus.

Gains or losses on sales from the Company to equity method investees or from equity method investees to the Company are deferred in proportion to the Company's ownership percentages in the investees until such gains or losses are realized through transactions with third parties.

If an investee's functional currency is a foreign currency, differences will result from the translation of the investee's financial statements into the reporting currency of the Company. Such differences are charged or credited to cumulative translation adjustments, a separate component of shareholders' equity.

### **Financial Assets Carried at Cost**

Investments for which the Company does not exercise significant influence and that do not have a quoted market price in an active market and whose fair value cannot be reliably measured, such as non-publicly traded stocks and mutual funds, are carried at their original cost. The costs of non-publicly traded stocks and mutual funds are determined using the weighted-average method. If there is objective evidence which indicates that a financial asset is impaired, a loss is recognized. A subsequent reversal of such impairment loss is not allowed.

The accounting treatment for cash dividends and stock dividends arising from financial assets carried at cost is the same as that for cash and stock dividends arising from available-for-sale financial assets.

### **Property, Plant and Equipment, Assets Leased to Others and Idle Assets**

Property, plant and equipment and assets leased to others are stated at cost less accumulated depreciation. Properties covered by agreements qualifying as capital leases are carried at the lower of the leased equipment's market value or the present value of the minimum lease payments at the inception date of the lease, with the corresponding amount recorded as obligations under capital leases. When an indication of impairment is identified, any excess of the carrying amount of an asset over its recoverable amount is recognized as a loss. If the recoverable amount increases in a subsequent period, the amount previously recognized as impairment would be reversed and recognized as a gain. However, the adjusted amount may not exceed the carrying amount that would have been determined, net of depreciation, as if no impairment loss had been recognized. Significant additions, renewals and betterments incurred during the construction period are capitalized. Maintenance and repairs are expensed as incurred.



Depreciation is computed using the straight-line method over the following estimated service lives: land improvements 20 years; buildings 10 to 20 years; machinery and equipment 3 to 5 years; office equipment 3 to 15 years; and leased assets 20 years.

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Upon sale or disposal of property, plant and equipment and assets leased to others, the related cost and accumulated depreciation are deducted from the corresponding accounts, with any gain or loss recorded as non-operating gains or losses in the year of sale or disposal.

When property, plant and equipment are determined to be idle or useless, they are transferred to idle assets at the lower of the net realizable value or carrying amount. Depreciation on the idle assets is provided continuously, and the idle assets are tested for impairment on a periodical basis.

### **Intangible Assets**

Goodwill represents the excess of the consideration paid for acquisition over the fair value of identifiable net assets acquired. Goodwill is no longer amortized and instead is tested for impairment annually. If an event occurs or circumstances change which indicate that the fair value of goodwill is more likely than not below its carrying amount, an impairment loss is recognized. A subsequent reversal of such impairment loss is not allowed.

Deferred charges consist of technology license fees, software and system design costs and patent and others. The amounts are amortized over the following periods: Technology license fees – the estimated life of the technology or the term of the technology transfer contract; software and system design costs – 2 to 5 years; patent and others – the economic life or contract period. When an indication of impairment is identified, any excess of the carrying amount of an asset over its recoverable amount is recognized as a loss. If the recoverable amount increases in a subsequent period, the previously recognized impairment loss would be reversed and recognized as a gain. However, the adjusted amount may not exceed the carrying amount that would have been determined, net of amortization, as if no impairment loss had been recognized.

Expenditures related to research activities and those related to development activities that do not meet the criteria for capitalization are charged to expense when incurred.

### **Pension Costs**

For employees who participate in defined contribution pension plans, pension costs are recorded based on the actual contributions made to employees' individual pension accounts during their service periods. For employees who participate in defined benefit pension plans, pension costs are recorded based on actuarial calculations.

### **Income Tax**

The Company applies an inter-period allocation for its income tax whereby deferred income tax assets and liabilities are recognized for the tax effects of temporary differences, net operating loss carryforwards and unused tax credits. Valuation allowances are provided to the extent, if any, that it is more likely than not that deferred income tax assets will not be realized. A deferred tax asset or liability is classified as current or noncurrent in accordance with the classification of its related asset or liability. However, if a deferred tax asset or liability does not relate to an asset or liability in the financial statements, then it is classified as either current or noncurrent based on the expected length of time before it is realized or settled.

Any tax credits arising from purchases of machinery, equipment and technology, research and development expenditures, personnel training expenditures, and investments in important technology-based enterprises are recognized using the flow-through method.

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

Income tax on unappropriated earnings (excluding earnings from foreign consolidated subsidiaries) at a rate of 10% is expensed in the year of shareholder approval which is the year subsequent to the year the earnings are generated.

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### **Stock-based Compensation**

Employee stock options that were granted or modified in the period from January 1, 2004 to December 31, 2007 are accounted for by the interpretations issued by the Accounting Research and Development Foundation of the Republic of China. The Company adopted the intrinsic value method and any compensation cost determined using this method is recognized in earnings over the employee vesting period. Employee stock option plans that were granted or modified after December 31, 2007 are accounted for using fair value method in accordance with Statement of Financial Accounting Standards No. 39, Accounting for Share-based Payment. The Company did not grant or modify any employee stock options since January 1, 2008.

### **Profit Sharing to Employees and Bonus to Directors and Supervisors**

Effective January 1, 2008, the Company adopted Interpretation 2007-052, Accounting for Bonuses to Employees, Directors and Supervisors, which requires companies to record profit sharing to employees and bonus to directors and supervisors as an expense rather than as an appropriation of earnings.

### **Foreign-currency Transactions**

Foreign-currency transactions other than derivative contracts are recorded in New Taiwan dollars at the rates of exchange in effect when the transactions occur. Exchange gains or losses derived from foreign-currency transactions or monetary assets and liabilities denominated in foreign currencies are recognized in earnings.

At the balance sheet date, monetary assets and liabilities denominated in foreign currencies are revalued at prevailing exchange rates with the resulting gains or losses recognized in earnings.

### **Translation of Foreign-currency Financial Statements**

The financial statements of foreign subsidiaries are translated into New Taiwan dollars at the following exchange rates: Assets and liabilities spot rates at year-end; shareholders equity historical rates; income and expenses average rates during the year. The resulting translation adjustments are recorded as a separate component of shareholders equity.

## **3. ACCOUNTING CHANGES**

Effective January 1, 2009, the Company adopted the newly revised Statement of Financial Accounting Standard (SFAS) No. 10, Accounting for Inventories. The main revisions are (1) inventories are stated at the lower of cost or net realizable value, and inventories are written down to net realizable value on an item-by-item basis except when the grouping of similar or related items is appropriate; (2) unallocated overheads are recognized as expenses in the year in which they are incurred; and (3) abnormal cost, write-downs of inventories and any reversal of write-downs are recorded as cost of sales for the year. Such changes in accounting principle did not have significant effect on the Company's consolidated financial statements as of and for the year ended December 31, 2009.

**4. CASH AND CASH EQUIVALENTS**

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Cash and deposits in banks	\$ 146,622,854	\$ 167,448,973
Repurchase agreements collateralized by government bonds	960,432	3,359,754
Corporate bonds	151,840	54,451
Agency bonds	151,829	253,013
Corporate issued notes		160,150
	<b>\$ 147,886,955</b>	<b>\$ 171,276,341</b>

**5. FINANCIAL ASSETS AND LIABILITIES AT FAIR VALUE THROUGH PROFIT OR LOSS**

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Trading financial assets		
Forward exchange contracts	\$ 6,886	\$ 4,338
Cross currency swap contracts		181,743
	<b>\$ 6,886</b>	<b>\$ 186,081</b>
Trading financial liabilities		
Forward exchange contracts	\$ 19,002	\$ 25

The Company entered into derivative contracts during the years ended December 31, 2010 and 2009 to manage exposures due to fluctuations of foreign exchange rates. The derivative contracts entered into by the Company did not meet the criteria for hedge accounting. Therefore, the Company did not apply hedge accounting treatment for derivative contracts.

Outstanding forward exchange contracts consisted of the following:

	<b>Maturity Date</b>	<b>Contract Amount (In Thousands)</b>
December 31, 2010		
Sell NT\$/Buy JPY	January 2011 to February 2011	NT\$814,882/JPY2,278,420
Sell EUR/Buy US\$	February 2011	EUR3,067/US\$4,093
Sell RMB/Buy US\$	May 2011 to June 2011	RMB529,190/US\$80,000
Sell US\$/Buy NT\$	January 2011 to March 2011	US\$11,800/NT\$353,076
December 31, 2009		

Sell US\$/Buy NT\$

February 2010  
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US\$21,300/NT\$686,788

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Outstanding cross currency swap contracts consisted of the following:

<b>Maturity Date</b>	<b>Contract Amount (In Thousands)</b>	<b>Range of Interest Rates Paid</b>	<b>Range of Interest Rates Received</b>
December 31, 2009			
January 2010 to February 2010	US\$750,000/NT\$24,201,706	0.24%-0.70%	0.00%-0.38%

For the years ended December 31, 2010 and 2009, changes in fair value related to derivative financial instruments recognized in earnings was a net gain of NT\$320,730 thousand and NT\$594,660 thousand, respectively.

## 6. AVAILABLE-FOR-SALE FINANCIAL ASSETS

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Corporate bonds	\$ 14,871,120	\$ 7,042,219
Agency bonds	8,021,192	5,032,037
Publicly traded stocks	4,634,170	574,865
Government bonds	2,014,127	2,341,780
Money market funds	376,168	283,713
Corporate issued notes		303,367
Open-end mutual funds		170,014
	29,916,777	15,747,995
Current portion	(28,883,728)	(14,389,946)
	\$ 1,033,049	\$ 1,358,049

For the year ended December 31, 2009, the Company recognized impairment on available-for-sale financial assets of NT\$201,346 thousand.

## 7. HELD-TO-MATURITY FINANCIAL ASSETS

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Corporate bonds	\$ 12,843,956	\$ 15,120,048
Government bonds	455,520	3,378,037
Structured time deposits		7,000,000
	13,299,476	25,498,085
Current portion	(4,796,589)	(9,944,843)
	\$ 8,502,887	\$ 15,553,242





Structured time deposits categorized as held-to-maturity financial assets consisted of the following:

	<b>Principal Amount</b>	<b>Interest Receivable</b>	<b>Range of Interest Rates</b>	<b>Maturity Date</b>
December 31, 2009				
Callable domestic deposits	\$ 7,000,000	\$ 4,308	0.36%-0.95%	July 2010 to August 2011 (redeemed by the issuer from February 2010 to July 2010)

#### 8. ALLOWANCES FOR DOUBTFUL RECEIVABLES, SALES RETURNS AND OTHERS

Movements of the allowance for doubtful receivables were as follows:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Balance, beginning of year	\$ 543,325	\$ 455,751
Provision (reversal)	(37,028)	331,485
Write-off	(2,268)	(243,911)
Balance, end of year	\$ 504,029	\$ 543,325

Movements of the allowance for sales returns and others were as follows:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Balance, beginning of year	\$ 8,724,481	\$ 6,071,026
Provision	12,092,947	13,913,375
Write-off	(13,271,164)	(11,259,920)
Balance, end of year	\$ 7,546,264	\$ 8,724,481

#### 9. INVENTORIES

	<b>December 31</b>
	<b>2010</b>
	<b>2009</b>

Finished goods	\$ 5,118,060	\$ 2,743,450
Work in process	19,376,372	15,302,010
Raw materials	1,947,396	1,541,599
Supplies and spare parts	1,964,156	1,326,692
	\$ 28,405,984	\$ 20,913,751

Write-down of inventories to net realizable value in the amount of NT\$900,221 thousand were included in the cost of sales for the year ended December 31, 2010. The reversal of previously recognized inventory write-downs amounting to NT\$428,162 thousand was recorded for the year ended December 31, 2009. Inventory losses related to earthquake damage in the amount of NT\$190,992 thousand were classified under non-operating expenses and losses for the year ended December 31, 2010.

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**10. INVESTMENTS ACCOUNTED FOR USING EQUITY METHOD**

	December 31			
	2010	% of	2009	% of
	Carrying Amount	Owner- ship	Carrying Amount	Owner- ship
Common stock				
Vanguard International Semiconductor Corporation (VIS)	\$ 9,422,452	38	\$ 9,365,232	37
Systems on Silicon Manufacturing Company Pte Ltd. (SSMC)	7,120,714	39	6,157,141	39
Motech Industries Inc. (Motech)	6,733,369	20		
VisEra Holding Company (VisEra Holding)	2,522,267	49	2,273,065	49
Aiconn Technology Corporation (Aiconn)	16,583	43	18,116	42
Mcube Inc. (Mcube)		70	25,624	70
Preferred stock				
Mcube		10	32,030	10
	\$ 25,815,385		\$ 17,871,208	

In February 2010, the Company subscribed to 75,316 thousand shares of Motech through a private placement for NT\$6,228,661 thousand; after the subscription, the Company's percentage of ownership in Motech was 20%. Transfer of the aforementioned common shares within three years is prohibited according to the related regulations.

In September 2009, the Company acquired common stock and preferred stock of Mcube for NT\$57,960 thousand. The Company took both ownership of stock and controlling power into consideration and concluded that the Company did not have controlling interest over Mcube. Accordingly, the Company applied equity method to account for this investment and the related equity in earnings/losses.

For the years ended December 31, 2010 and 2009, equity in earnings/losses of equity method investees was a net gain of NT\$2,298,159 thousand and NT\$45,994 thousand, respectively. Related equity in earnings/losses of equity method investees were determined based on the audited financial statements, except for Aiconn and Mcube. The Company believes that, had Aiconn and Mcube's financial statements been audited, any adjustments arising would have had no material effect on the Company's consolidated financial statements.

As of December 31, 2010 and 2009, the quoted market price of publicly traded stocks in unrestricted investments accounted for using the equity method (VIS) was NT\$9,297,707 thousand and NT\$10,114,398 thousand, respectively.

Movements of the difference between the cost of investments and the Company's share in investees' net assets allocated to depreciable assets were as follows:

	Years Ended December 31	
	2010	2009
Balance, beginning of year	\$ 1,391,500	\$ 1,990,621
Additions	2,055,660	
Amortization	(955,269)	(599,121)

Balance, end of year	\$ 2,491,891	\$ 1,391,500
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Movements of the difference allocated to goodwill were as follows:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Balance, beginning of year	\$ 1,061,885	\$ 1,061,885
Additions	353,680	
Balance, end of year	\$ 1,415,565	\$ 1,061,885

## 11. HEDGING DERIVATIVE FINANCIAL INSTRUMENTS

	<b>December 31, 2010</b>
Hedging derivative financial liabilities	
Interest rate swap contract	\$ 814

The Company's long-term bank loans bear floating interest rates; therefore, changes in the market interest rate may cause future cash flows to be volatile. Accordingly, the Company entered into an interest rate swap contract in order to hedge cash flow risk caused by floating interest rates. As of December 31, 2010, the outstanding interest rate swap contract consisted of the following:

<b>Contract Amount</b>		<b>Range of Interest Rates Paid</b>	<b>Range of Interest Rates Received</b>
<b>(In Thousands)</b>	<b>Maturity Date</b>		
NT\$128,000	August 31, 2012	1.38%	0.56%-0.63%

The adjustment to shareholders' equity and the amount removed from shareholders' equity and recognized a loss as a result of the above interest rate swap contract amounted to NT\$814 thousand and NT\$352 thousand, respectively.

## 12. FINANCIAL ASSETS CARRIED AT COST

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Non-publicly traded stocks	\$ 4,264,956	\$ 2,899,600
Mutual funds	159,251	163,404
	\$ 4,424,207	\$ 3,063,004

In June 2010, the Company invested in Stion Corporation (Stion, a United States corporation) for US\$50,000 thousand and obtained Stion's preferred stock of 7,347 thousand shares with 23.4% of ownership. Stion is engaged in the manufacturing of high-efficiency thin-film solar photovoltaic modules. Due to certain restrictions

contained in the investment agreements, the Company does not have the ability to exert significant influence over Stion's operating and financial policy. Therefore, the investment was classified under financial assets carried at cost.

The common stocks of Capella Microsystems (Taiwan), Inc., Integrated Memory Logic Limited and Leadtrend Technology Corporation were listed on the Taiwan GreTai Securities Market or Taiwan Stock Exchange in June 2010, May 2010, and August 2009, respectively. Thus, the Company reclassified the aforementioned investments from financial assets carried at cost to available-for-sale financial assets.

For the years ended December 31, 2010 and 2009, the Company recognized impairment on financial assets carried at cost of NT\$159,798 thousand and NT\$711,884 thousand, respectively.

### 13. PROPERTY, PLANT AND EQUIPMENT

	<b>Balance, Beginning of Year</b>	<b>Year Ended December 31, 2010</b>				<b>Effect of Exchange Rate Changes</b>	<b>Balance, End of Year</b>
		<b>Additions</b>	<b>Disposals</b>	<b>Reclassification</b>			
Cost							
Land and land improvements	\$ 934,090	\$	\$	\$ 320	\$ (43,213)	\$	891,197
Buildings	142,294,558	4,361,536	(135,497)	2,162	(556,735)		145,966,024
Machinery and equipment	775,653,489	142,125,965	(2,287,420)	228,370	(2,565,152)		913,155,252
Office equipment	13,667,747	1,997,654	(731,094)	3,704	(81,429)		14,856,582
Leased asset	714,424				(12,872)		701,552
	933,264,308	\$ 148,485,155	\$ (3,154,011)	\$ 234,556	\$ (3,259,401)		1,075,570,607
Accumulated depreciation							
Land and land improvements	317,580	\$ 28,746	\$	\$	\$ (17,534)		328,792
Buildings	81,821,718	9,100,935	(128,466)	(495)	(320,989)		90,472,703
Machinery and equipment	600,795,474	75,237,057	(2,277,047)	133,318	(2,620,166)		671,268,636
Office equipment	10,589,349	1,165,827	(726,539)	(442)	(70,519)		10,957,676
Leased asset	219,765	35,084			(4,499)		250,350
	693,743,886	\$ 85,567,649	\$ (3,132,052)	\$ 132,381	\$ (3,033,707)		773,278,157
Advance payments and construction in progress	34,154,365	\$ 53,211,321	\$ (1,030,521)	\$ (108,035)	\$ (75,557)		86,151,573
	\$ 273,674,787						\$ 388,444,023
		<b>Year Ended December 31, 2009</b>					
	<b>Balance, Beginning</b>				<b>Effect of Exchange</b>	<b>Balance,</b>	

	of Year	Additions	Disposals	Reclassification	Rate Changes	End of Year
<b>Cost</b>						
Land and land improvements	\$ 953,857	\$	\$	\$ 1,817	\$ (21,584)	\$ 934,090
Buildings	132,249,996	10,530,802	(12,978)	(19,910)	(453,352)	142,294,558
Machinery and equipment	697,498,743	81,548,279	(1,872,721)	9,964	(1,530,776)	775,653,489
Office equipment	12,430,800	1,491,370	(226,779)	22,821	(50,465)	13,667,747
Leased asset	722,339	4,171		7,143	(19,229)	714,424
	843,855,735	\$ 93,574,622	\$ (2,112,478)	\$ 21,835	\$ (2,075,406)	933,264,308
<b>Accumulated depreciation</b>						
Land and land improvements	295,898	\$ 30,072	\$	\$	\$ (8,390)	317,580
Buildings	72,681,699	9,379,371	(12,971)	(5,779)	(220,602)	81,821,718
Machinery and equipment	535,962,291	68,064,750	(1,791,122)	(6,271)	(1,434,174)	600,795,474
Office equipment	9,693,809	1,168,317	(224,769)	(158)	(47,850)	10,589,349
Leased asset	182,570	36,126		7,143	(6,074)	219,765
	618,816,267	\$ 78,678,636	\$ (2,028,862)	\$ (5,065)	\$ (1,717,090)	693,743,886
<b>Advance payments and construction in progress</b>						
	18,605,882	\$ 15,576,604	\$	\$ (26,426)	\$ (1,695)	34,154,365
	\$ 243,645,350					\$ 273,674,787

The Company entered into agreements to lease buildings that qualify as capital leases. The term of the leases is from December 2003 to December 2013. The future minimum lease payments as of December 31, 2010 were NT\$773,172 thousand.



**14. DEFERRED CHARGES, NET**

	Year Ended December 31, 2010						Balance, End of Year
	Balance, Beginning of Year	Additions	Amortization	Disposal	Reclassification	Effect of Exchange Rate Changes	
Technology license fees	\$ 3,230,624	\$ 8,300	\$ (783,557)	\$	\$	\$ (19)	\$ 2,455,348
Software and system design costs	1,834,528	1,547,605	(1,054,194)	(173)	5,542	(37)	2,333,271
Patent and others	1,393,402	245,823	(398,965)			(1,794)	1,238,466
	\$ 6,458,554	\$ 1,801,728	\$ (2,236,716)	\$ (173)	\$ 5,542	\$ (1,850)	\$ 6,027,085

	Year Ended December 31, 2009						Balance, End of Year
	Balance, Beginning of Year	Additions	Amortization	Disposal	Reclassification	Effect of Exchange Rate Changes	
Technology license fees	\$ 4,125,212	\$ 2,000	\$ (902,061)	\$	\$ 378	\$ 5,095	\$ 3,230,624
Software and system design costs	1,801,831	965,230	(928,583)		(3,864)	(86)	1,834,528
Patent and others	1,198,785	502,601	(299,731)		(5,502)	(2,751)	1,393,402
	\$ 7,125,828	\$ 1,469,831	\$ (2,130,375)	\$	\$ (8,988)	\$ 2,258	\$ 6,458,554

**15. SHORT-TERM LOANS**

	December 31, 2010
Unsecured loans: US\$874,000 thousand and EUR114,900 thousand, due from January 2011 to February 2011, annual interest at 0.38%-1.84%	\$ 31,213,944

**16. BONDS PAYABLE**

December 31

	2010	2009
Domestic unsecured bonds:		
Issued in January 2002 and repayable in January 2012, 3.00% interest payable annually	\$ 4,500,000	\$ 4,500,000

**17. LONG-TERM BANK LOANS**

	December 31	
	2010	2009
Secured loans:		
Repayable from August 2009 in 17 quarterly installments, annual interest at 0.66%-1.24% in 2010 and 0.67%-2.70% in 2009	\$ 542,968	\$ 788,263
US\$20,000 thousand, repayable in full in one lump sum payment in November 2010, annual interest at 0.68%-0.97% in 2009		640,895
Repayable from December 2007 in 8 semi-annual installments, fully repaid in June 2010, annual interest at 1.10%-2.42%		98,700
	542,968	1,527,858
Current portion	(241,407)	(949,298)
	\$ 301,561	\$ 578,560

Pursuant to the loan agreements, financial ratios calculated based on semi-annual and annual audited financial statements of Xintec must comply with predetermined financial covenants. As of December 31, 2010, Xintec was in compliance with all such financial covenants.

As of December 31, 2010, future principal repayments for the long-term bank loans were as follows:

<b>Year of Repayment</b>	<b>Amount</b>
2011	\$ 241,407
2012	241,407
2013	60,154
	\$ 542,968

## 18. OTHER LONG-TERM PAYABLES

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Payables for acquisition of property, plant and equipment (Note 29j)	\$ 7,112,172	\$ 8,355,395
Payables for royalties	848,637	1,252,332
	7,960,809	9,607,727
Current portion (classified under accrued expenses and other current liabilities)	(1,406,601)	(4,005,307)
	\$ 6,554,208	\$ 5,602,420

The payables for royalties were primarily attributable to several license arrangements that the Company entered into for certain semiconductor-related patents.

As of December 31, 2010, future payments for other long-term payables were as follows:

<b>Year of Payment</b>	<b>Amount</b>
2011	\$ 1,406,601
2012	675,672
2013	569,659
2014	5,308,877
	\$ 7,960,809

## 19. PENSION PLANS

The pension mechanism under the Labor Pension Act is deemed a defined contribution plan. Pursuant to the Act, TSMC, GUC, Xintec and Mutual-Pak have made monthly contributions equal to 6% of each employee's monthly salary to employees' pension accounts. Furthermore, TSMC North America, TSMC China, TSMC Europe, TSMC Canada and TSMC Solar NA are required by local regulations to make monthly contributions at certain percentages of the basic salary of their employees. Pursuant to the aforementioned Act and local regulations, the Company recognized pension costs of NT\$1,121,650 thousand and NT\$748,071 thousand for the years ended

December 31, 2010 and 2009, respectively.

TSMC, GUC and Xintec have defined benefit plans under the Labor Standards Law that provide benefits based on an employee's service years and average monthly salary for the six-month period prior to retirement. The aforementioned companies contribute an amount equal to 2% of salaries paid each month to their respective pension funds (the Funds), which are administered by the Labor Pension Fund Supervisory Committee (the Committee) and deposited in the name of the committees in the Bank of Taiwan.

Pension information on the defined benefit plans is summarized as follows:

a. Components of net periodic pension cost for the year

	<b>2010</b>	<b>2009</b>
Service cost	\$ 129,722	\$ 166,480
Interest cost	146,625	150,647
Projected return on plan assets	(40,967)	(57,382)
Amortization	2,196	29,924
 Net periodic pension cost	 \$ 237,576	 \$ 289,669

b. Reconciliation of funded status of the plans and accrued pension cost at December 31, 2010 and 2009

	<b>2010</b>	<b>2009</b>
Benefit obligation		
Vested benefit obligation	\$ 189,047	\$ 123,524
Nonvested benefit obligation	5,432,624	3,790,560
 Accumulated benefit obligation	 5,621,671	 3,914,084
Additional benefits based on future salaries	3,667,087	2,643,695
 Projected benefit obligation	 9,288,758	 6,557,779
Fair value of plan assets	(2,907,156)	(2,661,566)
 Funded status	 6,381,602	 3,896,213
Unrecognized net transition obligation	(84,230)	(92,777)
Prior service cost	154,738	161,977
Unrecognized net loss	(2,639,759)	(168,381)
 Accrued pension cost	 \$ 3,812,351	 \$ 3,797,032
 Vested benefit	 \$ 208,176	 \$ 135,501

c. Actuarial assumptions at December 31, 2010 and 2009

	<b>2010</b>	<b>2009</b>
Discount rate used in determining present values	1.75%-2.25%	2.25%

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Future salary increase rate	3.00%	3.00%
Expected rate of return on plan assets	2.00%-2.50%	1.50%-2.00%
d. Contributions to the Funds for the year	\$ 212,248	\$ 194,221
e. Payments from the Funds for the year	\$ 19,991	\$ 37,801

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**20. INCOME TAX**

- a. A reconciliation of income tax expense based on income before income tax at the statutory rates and income tax currently payable was as follows:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Income tax expense based on income before income tax at statutory rates	\$ 30,456,361	\$ 24,182,953
Tax effect of the following:		
Tax-exempt income	(17,410,223)	(8,652,030)
Temporary and permanent differences	(827,033)	3,136,013
Others		247,050
Additional tax at 10% on unappropriated earnings	138,243	30,707
Net operating loss carryforwards used	(529,347)	(66,135)
Income tax credits used	(4,887,947)	(9,984,616)
Income tax currently payable	\$ 6,940,054	\$ 8,893,942

- b. Income tax expense consisted of the following:

	<b>Years Ended December 31</b>	
	<b>2010</b>	<b>2009</b>
Income tax currently payable	\$ 6,940,054	\$ 8,893,942
Income tax adjustments on prior years	977,876	(1,159,353)
Other income tax adjustments	373,051	23,023
Net change in deferred income tax assets		
Investment tax credits	(7,129,517)	(1,291,102)
Net operating loss carryforwards	546,234	59,940
Temporary differences	(78,187)	(1,042,295)
Valuation allowance	6,358,954	512,269
Income tax expense	\$ 7,988,465	\$ 5,996,424

- c. Net deferred income tax assets consisted of the following:

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Current deferred income tax assets		
Investment tax credits	\$ 4,282,132	\$ 3,304,092
Temporary differences		
Allowance for sales returns and others	653,452	814,557
Unrealized gain/loss on financial instruments	87,735	
Others	488,806	394,890
Valuation allowance	(139,049)	(143,230)

\$ 5,373,076      \$ 4,370,309

(Continued)



	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Noncurrent deferred income tax assets		
Investment tax credits	\$ 18,336,101	\$ 12,184,624
Net operating loss carryforwards	2,735,278	3,440,825
Temporary differences		
Depreciation	2,160,248	1,986,421
Others	414,830	481,866
Valuation allowance	(16,283,673)	(10,105,433)
	<b>\$ 7,362,784</b>	<b>\$ 7,988,303</b>

(Concluded)

Effective in May 2009 and June 2010, the Article 5 of the Income Tax Law of the Republic of China was amended, in which the income tax rate of profit-seeking enterprises would be reduced from 25% to 20% and from 20% to 17%, respectively. The last amended income tax rate of 17% is retroactively applied on January 1, 2010. TSMC and its domestic subsidiaries which are subject to the Income Tax Law of the Republic of China recalculated their deferred tax assets in accordance with the new amended Article and adjusted the resulting difference as an income tax expense in 2010 and 2009, respectively.

Under Article 10 of the Statute for Industrial Innovation (SII) legislated and effective in May 2010, a profit-seeking enterprise may deduct up to 15% of its research and development expenditures from its income tax payable for the year in which these expenditures are incurred, but this deduction should not exceed 30% of the income tax payable for that year. This incentive is retroactive to January 1, 2010 and effective until December 31, 2019.

As of December 31, 2010, the net operating loss carryforwards generated by WaferTech, TSMC Development and Mutual-Pak would expire on various dates through 2026.

d. Integrated income tax information:

The balance of the imputation credit account (ICA) of TSMC as of December 31, 2010 and 2009 was NT\$1,669,533 thousand and NT\$369,265 thousand, respectively.

The estimated and actual creditable ratios for distribution of TSMC's earnings of 2010 and 2009 were 4.70% and 9.85%, respectively.

The imputation credit allocated to the shareholders is based on its balance as of the date of dividend distribution. The estimated creditable ratio may change when the actual distribution of imputation credit is made.

e. All of TSMC's earnings generated prior to December 31, 1997 have been appropriated.

- f. As of December 31, 2010, investment tax credits of TSMC, GUC, Xintec and Mutual-Pak consisted of the following:

Law/Statute	Item	Total Creditable Amount	Remaining Creditable Amount	Expiry Year
Statute for Upgrading Industries	Purchase of machinery and equipment	\$ 114,677	\$	2010
		66,368	66,368	2011
		3,220,393	2,519,887	2012
		6,052,758	6,052,758	2013
		6,369,512	6,369,512	2014
		\$ 15,823,708	\$ 15,008,525	
Statute for Upgrading Industries	Research and development expenditures	\$ 1,020,212	\$	2010
		1,192,759	114,431	2011
		2,921,041	2,921,041	2012
		4,523,367	4,523,367	2013
				\$ 9,657,379
Statute for Upgrading Industries	Personnel training expenditures	\$ 759	\$	2010
		20,081	788	2011
		32,286	32,286	2012
		17,795	17,795	2013
				\$ 70,921
Statute for Industrial Innovation	Research and development expenditures	\$ 2,049,996	\$	2010

- g. The profits generated from the following projects of TSMC, GUC and Xintec are exempt from income tax for a five-year period:

	Tax-Exemption Period
Construction and expansion of 2001 by TSMC	2006 to 2010
Construction and expansion of 2003 by TSMC	2007 to 2011

Construction and expansion of 2004 by TSMC	2008 to 2012
Construction and expansion of 2005 by TSMC	2010 to 2014
Construction and expansion of 2003 by GUC	2007 to 2011
Construction and expansion of 2005 and 2006 by GUC	To be determined
Construction and expansion of 2003 by Xintec	2007 to 2011
Construction and expansion of 2002, 2003 and 2006 by Xintec	2010 to 2014

- h. The tax authorities have examined income tax returns of TSMC through 2007. All investment tax credit adjustments assessed by the tax authorities have been recognized accordingly.

**21. LABOR COST, DEPRECIATION AND AMORTIZATION**

	<b>Year Ended December 31, 2010</b>		
	<b>Classified as</b>		
	<b>Classified as Cost of Sales</b>	<b>Operating Expenses</b>	<b>Total</b>
Labor cost			
Salary and bonus	\$ 27,246,876	\$ 22,053,062	\$ 49,299,938
Labor and health insurance	1,054,566	780,384	1,834,950
Pension	819,775	539,367	1,359,142
Meal	613,870	247,672	861,542
Welfare	704,494	273,722	978,216
Others	115,109	270,739	385,848
	<b>\$ 30,554,690</b>	<b>\$ 24,164,946</b>	<b>\$ 54,719,636</b>
Depreciation	\$ 80,123,895	\$ 5,427,488	\$ 85,551,383
Amortization	\$ 1,309,257	\$ 927,459	\$ 2,236,716

	<b>Year Ended December 31, 2009</b>		
	<b>Classified as</b>		
	<b>Classified as Cost of Sales</b>	<b>Operating Expenses</b>	<b>Total</b>
Labor cost			
Salary and bonus	\$ 18,122,593	\$ 15,798,756	\$ 33,921,349
Labor and health insurance	698,566	579,231	1,277,797
Pension	603,765	433,910	1,037,675
Meal	442,328	195,758	638,086
Welfare	527,662	201,487	729,149
Others	134,334	233,258	367,592
	<b>\$ 20,529,248</b>	<b>\$ 17,442,400</b>	<b>\$ 37,971,648</b>
Depreciation	\$ 74,482,133	\$ 4,180,237	\$ 78,662,370
Amortization	\$ 1,259,949	\$ 870,426	\$ 2,130,375

**22. SHAREHOLDERS EQUITY**

As of December 31, 2010, 1,096,448 thousand ADSs of TSMC were traded on the NYSE. The number of common shares represented by the ADSs was 5,482,242 thousand (one ADS represents five common shares).

Capital surplus can only be used to offset a deficit under the Company Law. However, the capital surplus generated from donations and the excess of the issuance price over the par value of capital stock (including the stock issued for new capital, mergers, convertible bonds and the surplus from treasury stock transactions) may be appropriated as stock dividends, which are limited to a certain percentage of TSMC's paid-in capital. In addition, the capital surplus from long-term investment may not be used for any purpose.

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Capital surplus consisted of the following:

	<b>December 31</b>	
	<b>2010</b>	<b>2009</b>
Additional paid-in capital	\$ 23,628,908	\$ 23,457,805
From merger	22,805,390	22,805,390
From convertible bonds	8,893,190	8,893,190
From long-term investments	370,891	329,570
Donations	55	55
	<b>\$ 55,698,434</b>	<b>\$ 55,486,010</b>

TSMC's Articles of Incorporation provide that, when allocating the net profits for each fiscal year, TSMC shall first offset its losses in previous years and then set aside the following items accordingly:

- a. Legal capital reserve at 10% of the profits left over, until the accumulated legal capital reserve equals TSMC's paid-in capital;
  - b. Special capital reserve in accordance with relevant laws or regulations or as requested by the authorities in charge;
  - c. Bonus to directors and profit sharing to employees of TSMC of not more than 0.3% and not less than 1% of the remainder, respectively. Directors who also serve as executive officers of TSMC are not entitled to receive the bonus to directors. TSMC may issue profit sharing to employees in stock of an affiliated company meeting the conditions set by the Board of Directors or, by the person duly authorized by the Board of Directors;
  - d. Any balance left over shall be allocated according to the resolution of the shareholders' meeting.
- TSMC's Articles of Incorporation also provide that profits of TSMC may be distributed by way of cash dividend and/or stock dividend. However, distribution of profits shall be made preferably by way of cash dividend. Distribution of profits may also be made by way of stock dividend; provided that the ratio for stock dividend shall not exceed 50% of the total distribution.

Any appropriations of the profits are subject to shareholders' approval in the following year.

TSMC accrued profit sharing to employees as a charge to earnings of certain percentage of net income during the year amounted to NT\$10,908,338 thousand and NT\$6,691,338 thousand for the years ended December 2010 and 2009, respectively; bonuses to directors were accrued with an estimate based on historical experience. If the actual amounts subsequently resolved by the shareholders differ from the estimated amounts, the differences are recorded in the year of shareholders' resolution as a change in accounting estimate. If profit sharing is resolved to be distributed to employees in stock, the number of shares is determined by dividing the amount of profit sharing by the closing price (after considering the effect of dividends) of the shares on the day preceding the shareholders meeting.

TSMC no longer has supervisors since January 1, 2007. The required duties of supervisors are being fulfilled by the Audit Committee.

The appropriation for legal capital reserve shall be made until the reserve equals TSMC's paid-in capital. The reserve may be used to offset a deficit, or be distributed as dividends and bonuses for the portion in excess of

50% of the paid-in capital if TSMC has no unappropriated earnings and the reserve balance has exceeded 50% of TSMC's paid-in capital. The Company Law also prescribes that, when the reserve has reached 50% of TSMC's paid-in capital, up to 50% of the reserve may be transferred to capital.

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A special capital reserve equivalent to the net debit balance of the other components of shareholders' equity (for example, cumulative translation adjustments and unrealized loss on financial instruments, but excluding treasury stock) shall be made from unappropriated earnings pursuant to existing regulations promulgated by the Securities and Futures Bureau (SFB). Any special reserve appropriated may be reversed to the extent that the net debit balance reverses.

The appropriations of earnings for 2009 and 2008 had been approved in the TSMC's shareholders meetings held on June 15, 2010 and June 10, 2009, respectively. The appropriations and dividends per share were as follows:

	Appropriation of Earnings		Dividends Per Share (NT\$)	
	For Fiscal Year 2009	For Fiscal Year 2008	For Fiscal Year 2009	For Fiscal Year 2008
Legal capital reserve	\$ 8,921,784	\$ 9,993,317		
Special capital reserve	1,313,047	(391,857)		
Cash dividends to shareholders	77,708,120	76,876,312	\$ 3.00	\$ 3.00
Stock dividends to shareholders		512,509		0.02
	\$ 87,942,951	\$ 86,990,281		

TSMC's profit sharing to employees to be paid in cash and bonus to directors in the amounts of NT\$6,691,338 thousand and NT\$67,692 thousand for 2009, respectively, and profit sharing to employees to be paid in cash and in stock as well as bonus to directors in the amounts of NT\$7,494,988 thousand, NT\$7,494,988 thousand and NT\$158,080 thousand for 2008, respectively, had been approved in the shareholders' meeting held on June 15, 2010 and June 10, 2009, respectively. The profit sharing to employees in stock of 141,870 thousand shares for 2008 was determined by the closing price of the TSMC's common shares (after considering the effect of dividends) of the day immediately preceding the shareholders' meeting, which was NT\$52.83. The resolved amounts of the profit sharing to employees and bonus to directors were consistent with the resolutions of meeting of the Board of Directors held on February 9, 2010 and February 10, 2009 and same amount had been charged against earnings of 2009 and 2008, respectively.

The shareholders' meeting held on June 10, 2009 also resolved to distribute stock dividends out of capital surplus, and stock dividends to shareholders as well as profit sharing to employees to be paid in stock in the amount of NT\$768,763 thousand, NT\$512,509 thousand and NT\$7,494,988 thousand, respectively.

As of January 24, 2011, the Board of Directors of TSMC has not resolved the appropriation for earnings of 2010.

The information about the appropriations of TSMC's profit sharing to employees and bonus to directors is available at the Market Observation Post System website.

Under the Integrated Income Tax System that became effective on January 1, 1998, the R.O.C. resident shareholders are allowed a tax credit for their proportionate share of the income tax paid by TSMC on earnings generated since January 1, 1998.



**23. STOCK-BASED COMPENSATION PLANS**

TSMC's Employee Stock Option Plans, consisting of the TSMC 2004 Plan, TSMC 2003 Plan, and TSMC 2002 Plan, were approved by the SFB on January 6, 2005, October 29, 2003 and June 25, 2002, respectively. The maximum number of options authorized to be granted under the TSMC 2004 Plan, TSMC 2003 Plan and TSMC 2002 Plan was 11,000 thousand, 120,000 thousand and 100,000 thousand, respectively, with each option eligible to subscribe for one common share of TSMC when exercised. The options may be granted to qualified employees of TSMC or any of its domestic or foreign subsidiaries, in which TSMC's shareholding with voting rights, directly or indirectly, is more than fifty percent (50%). The options of all the plans are valid for ten years and exercisable at certain percentages subsequent to the second anniversary of the grant date. Under the terms of the plans, the options are granted at an exercise price equal to the closing price of TSMC's common shares listed on the TSE on the grant date.

Options of the plans that had never been granted or had been granted but subsequently canceled had expired as of December 31, 2010.

Information about TSMC's outstanding options for the years ended December 31, 2010 and 2009 was as follows:

	<b>Number of Options (In Thousands)</b>	<b>Weighted- average Exercise Price (NT\$)</b>
Year ended December 31, 2010		
Balance, beginning of year	28,810	\$ 32.4
Options exercised	(7,372)	33.2
Options canceled	(1)	50.1
Balance, end of year	21,437	32.3
Year ended December 31, 2009		
Balance, beginning of year	36,234	34.0
Options granted	175	34.0
Options exercised	(7,272)	35.8
Options canceled	(327)	46.5
Balance, end of year	28,810	33.5

The number of outstanding options and exercise prices have been adjusted to reflect the distribution of earnings by TSMC in accordance with the plans.

As of December 31, 2010, information about TSMC's outstanding options was as follows:

**Options Outstanding**

<b>Range of Exercise Price (NT\$)</b>	<b>Number of Options (In Thousands)</b>	<b>Weighted-average Remaining Contractual Life (Years)</b>	<b>Weighted-average Exercise Price (NT\$)</b>
\$21.7-\$30.5	16,438	2.20	\$28.2
38.0- 50.1	4,999	3.91	45.6
	21,437	2.60	32.3

As of December 31, 2010, all of the above outstanding options were exercisable.

GUC's Employee Stock Option Plans, consisting of the GUC 2003 Plan and GUC 2002 Plan, were approved by its Board of Directors on January 23, 2003 and July 1, 2002, respectively. The maximum number of options authorized to be granted under the GUC 2003 Plan and GUC 2002 Plan was 7,535 and 5,000, respectively, with each option eligible to subscribe for one thousand common shares of GUC when exercised. The options may be granted to qualified employees of GUC. The options of all the plans are valid for six years and exercisable at certain percentages subsequent to the second anniversary of the grant date.

Moreover, the GUC 2007 Plan, GUC 2006 Plan, and GUC 2004 Plan were approved by the SFB on November 28, 2007, July 3, 2006, and August 16, 2004 to grant a maximum of 1,999 options, 3,665 options and 2,500 options, respectively, with each option eligible to subscribe for one thousand common shares of GUC when exercised. The options may be granted to qualified employees of GUC or any of its subsidiaries. Except for the options of the GUC 2006 Plan which are valid until August 15, 2011, the options of the other two GUC option plans are valid for six years. Options of all three plans are exercisable at certain percentages subsequent to the second anniversary of the grant date.

Information about GUC's outstanding options for the years ended December 31, 2010 and 2009 was as follows:

	<b>Number of Options</b>	<b>Weighted- average Exercise Prices (NT\$)</b>
Year ended December 31, 2010		
Balance, beginning of year	3,810	\$ 83.4
Options exercised	(1,592)	13.7
Options canceled	(431)	143.3
Balance, end of year	1,787	130.9
Year ended December 31, 2009		
Balance, beginning of year	5,557	\$ 63.8
Options granted	87	13.6
Options exercised	(1,475)	10.5
Options canceled	(359)	62.2
Balance, end of year	3,810	83.4

The number of outstanding options and exercise prices have been adjusted to reflect the distribution of earnings by GUC in accordance with the plans.

As of December 31, 2010, information about GUC's outstanding and exercisable options was as follows:

Range of Exercise Price (NT\$)	Number of Options	Options Outstanding		Options Exercisable	
		Weighted-average Remaining Contractual Life (Years)	Weighted-average Exercise Price (NT\$)	Number of Options	Weighted-average Exercise Price (NT\$)
\$ 15.3	493	0.67	\$ 15.3	493	\$ 15.3
175.0	1,294	3.00	175.0	646	175.0
	1,787	2.36	130.9	1,139	105.9

Xintec's Employee Stock Option Plans, consisting of the Xintec 2007 Plan and Xintec 2006 Plan, were approved by the SFB on June 26, 2007 and July 3, 2006, respectively. The maximum number of options authorized to be granted under the Xintec 2007 Plan and Xintec 2006 Plan was 6,000 thousand each, with each option eligible to subscribe for one common share of Xintec when exercised. The options may be granted to qualified employees of Xintec or any of its subsidiaries. The options of all the plans are valid for ten years and exercisable at certain percentages subsequent to the second anniversary of the grant date.

Information about Xintec's outstanding options for the years ended December 31, 2010 and 2009 was as follows:

	Number of Options (In Thousands)	Weighted-average Exercise Price (NT\$)
Year ended December 31, 2010		
Balance, beginning of year	3,960	\$ 14.7
Options exercised	(1,856)	13.9
Options canceled	(272)	17.3
Balance, end of year	1,832	15.1
Year ended December 31, 2009		
Balance, beginning of year	7,442	14.8
Options exercised	(2,552)	13.9
Options canceled	(930)	16.6
Balance, end of year	3,960	14.7

The exercise prices have been adjusted to reflect the distribution of earnings by Xintec in accordance with the plans.

As of December 31, 2010, information about Xintec's outstanding and exercisable options was as follows:

Range of Exercise Price (NT\$)	Number of Options (In Thousands)	Options Outstanding		Options Exercisable	
		Weighted-average Remaining Contractual Life (Years)	Weighted-average Exercise Price (NT\$)	Number of Options (In Thousands)	Weighted-average Exercise Price (NT\$)
\$12.1-\$14.0	793	5.75-6.04	\$12.5	664	\$12.5
15.2-\$19.1	1,039	6.50-6.69	17.0	497	17.0
	1,832		15.1	1,161	14.4

No compensation cost was recognized under the intrinsic value method for the years ended December 31, 2010 and 2009. Had the Company used the fair value based method to evaluate the options using the Black-Scholes model, the assumptions at the various grant dates and pro forma results of the Company for the years ended December 31, 2010 and 2009 would have been as follows:

Assumptions:

TSMC	Expected dividend yield	1.00%-3.44%
	Expected volatility	43.77%-46.15%
	Risk free interest rate	3.07%-3.85%
	Expected life	5 years
GUC	Expected dividend yield	0.00%-0.60%
	Expected volatility	22.65%-45.47%
	Risk free interest rate	2.12%-2.56%
	Expected life	3-6 years
Xintec	Expected dividend yield	0.80%
	Expected volatility	31.79%-47.42%
	Risk free interest rate	1.88%-2.45%
	Expected life	3 years

**Years Ended December 31**

	2010	2009
Net income attributable to shareholders of the parent:		
As reported	\$ 161,605,009	\$ 89,217,836
Pro forma	161,470,030	88,838,182
Earnings per share (EPS) after income tax (NT\$):		
Basic EPS as reported	\$ 6.24	\$ 3.45
Pro forma basic EPS	6.23	3.44
Diluted EPS as reported	6.23	3.44
Pro forma diluted EPS	6.23	3.43

**24. EARNINGS PER SHARE**

EPS is computed as follows:

	Amounts (Numerator)		Number of Shares (Denominator) (In Thousands)	EPS (NT\$)	
	Before Income Tax	After Income Tax		Before Income Tax	After Income Tax
Year ended December 31, 2010					
Basic EPS					
Earnings available to common shareholders of the parent	\$ 169,520,145	\$ 161,605,009	25,905,832	\$ 6.54	\$ 6.24
Effect of dilutive potential common shares			14,262		
Diluted EPS					
Earnings available to common shareholders of the parent (including effect of dilutive potential common shares)	\$ 169,520,145	\$ 161,605,009	25,920,094	\$ 6.54	\$ 6.23
Year ended December 31, 2009					
Basic EPS					
Earnings available to common shareholders of the parent	\$ 95,189,766	\$ 89,217,836	25,835,802	\$ 3.68	\$ 3.45
Effect of dilutive potential common shares			77,319		
Diluted EPS					
Earnings available to common shareholders of the parent (including effect of dilutive potential common shares)	\$ 95,189,766	\$ 89,217,836	25,913,121	\$ 3.67	\$ 3.44

Effective January 1, 2008, the Company adopted Interpretation 2007-052 that requires companies to record profit sharing to employees as an expense rather than as an appropriation of earnings. If the Company may settle the obligation by cash, by issuing shares, or in combination of both cash and shares, profit sharing to employees which will be settled in shares should be included in the weighted average number of shares outstanding in calculation of diluted EPS, if the shares have a dilutive effect. The number of shares is estimated by dividing the amount of profit sharing to employees in stock by the closing price (after considering the dilutive effect of

dividends) of the common shares on the balance sheet date. Such dilutive effect of the potential shares needs to be included in the calculation of diluted EPS until the shares of profit sharing to employees are resolved in the shareholders meeting in the following year.

The average number of shares outstanding for EPS calculation has been considered for the effect of retroactive adjustments. This adjustment caused each the basic and diluted after income tax EPS for the year ended December 31, 2009 to remain at NT\$3.45 and NT\$3.44, respectively.

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**25. DISCLOSURES FOR FINANCIAL INSTRUMENTS**

a. Fair values of financial instruments were as follows:

	<b>December 31</b>			
	<b>2010</b>		<b>2009</b>	
	<b>Carrying Amount</b>	<b>Fair Value</b>	<b>Carrying Amount</b>	<b>Fair Value</b>
<b>Assets</b>				
Financial assets at fair value through profit or loss	\$ 6,886	\$ 6,886	\$ 186,081	\$ 186,081
Available-for-sale financial assets	29,916,777	29,916,777	15,747,995	15,747,995
Held-to-maturity financial assets	13,299,476	13,457,742	25,498,085	25,671,664
Financial assets carried at cost	4,424,207		3,063,004	
<b>Liabilities</b>				
Financial liabilities at fair value through profit or loss	19,002	19,002	25	25
Hedging derivative financial liabilities	814	814		
Bonds payable	4,500,000	4,538,660	4,500,000	4,574,979
Long-term bank loans (including current portion)	542,968	542,968	1,527,858	1,527,858
Other long-term payables (including current portion)	7,960,809	7,960,809	9,607,727	9,607,727
Obligations under capital leases	694,986	694,986	707,499	707,499

b. Methods and assumptions used in estimating fair values of financial instruments

- 1) The aforementioned financial instruments do not include cash and cash equivalents, receivables, other financial assets, refundable deposits, short-term loans, payables and guarantee deposits. The carrying amounts of these financial instruments approximate their fair values due to their short maturities.
- 2) Except for derivatives and structured time deposits, available-for-sale and held-to-maturity financial assets were based on their quoted market prices.
- 3) The fair values of those derivatives and structured time deposits are determined using valuation techniques incorporating estimates and assumptions that were consistent with prevailing market conditions.
- 4) Financial assets carried at cost have no quoted prices in an active market and entail an unreasonably high cost to obtain verifiable fair values. Therefore, no fair value is presented.
- 5) Fair value of the bonds payable was based on their quoted market price.
- 6) Fair values of long-term bank loans, other long-term payables and obligations under capital leases were based on the present value of expected cash flows, which approximate their carrying amounts.

c. The changes in fair value of derivatives contracts which were outstanding as of December 31, 2010 and 2009 estimated using valuation techniques were recognized as a net loss of NT\$12,116 thousand and a net gain of NT\$186,056 thousand, respectively.

d.

As of December 31, 2010 and 2009, financial assets exposed to fair value interest rate risk were NT\$38,588,969 thousand and NT\$40,857,296 thousand, respectively; financial liabilities exposed to fair value interest rate risk were NT\$43,235,611 thousand and NT\$13,542,919 thousand, respectively, and financial liabilities exposed to cash flow interest rate risk were NT\$848,275 thousand and NT\$1,527,858 thousand, respectively.

- e. Movements of the unrealized gains or losses on financial instruments for the years ended December 31, 2010 and 2009 were as follows:

	Year Ended December 31, 2010			
	From	Equity	Gain (Loss)	Total
	Available- for-sale Financial Assets	Method Investments	on Cash Flow Hedges	
Balance, beginning of year	\$ 424,128	\$ 29,493	\$	\$ 453,621
Recognized directly in shareholders' equity	250,475	(6,031)	(331)	244,113
Removed from shareholders' equity and recognized in earnings	(588,445)			(588,445)
Balance, end of year	\$ 86,158	\$ 23,462	\$ (331)	\$ 109,289

	Year Ended December 31, 2009			
	From	Equity	Gain (Loss)	Total
	Available- for-sale Financial Assets	Method Investments	on Cash Flow Hedges	
Balance, beginning of year	\$ (198,413)	\$ (88,929)	\$	\$ (287,342)
Recognized directly in shareholders' equity	391,801	118,422		510,223
Removed from shareholders' equity and recognized in earnings	230,740			230,740
Balance, end of year	\$ 424,128	\$ 29,493	\$	\$ 453,621

f. Information about financial risk

- 1) Market risk. The derivative financial instruments categorized as financial assets/liabilities at fair value through profit or loss are mainly used to hedge the market exchange rate fluctuations of foreign-currency assets and liabilities; therefore, the market exchange rate risk of derivatives will be offset by the foreign exchange risk of these hedged items. Available-for-sale financial assets and held-to-maturity financial assets held by the Company are mainly fixed-interest-rate debt securities and publicly traded stock; therefore, the fluctuations in market interest rates and market price will result in changes in fair values of these debt securities.
- 2) Credit risk. Credit risk represents the potential loss that would be incurred by the Company if the counter-parties or third-parties breached contracts. Financial instruments with positive fair values at the balance sheet date are evaluated for credit risk. The Company evaluated whether the financial instruments for any possible counter-parties or third-parties are reputable financial institutions, business enterprises, and government agencies and accordingly, the Company believed that the Company's exposure to credit risk was not significant.

- 3) Liquidity risk. The Company has sufficient operating capital to meet cash needs upon settlement of derivative financial instruments, bonds payable and bank loans. Therefore, the liquidity risk is low.

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- 4) Cash flow interest rate risk. The Company mainly invests in fixed-interest-rate debt securities. Therefore, cash flows are not expected to fluctuate significantly due to changes in market interest rates. A portion of the short-term loans and the long-term bank loans were floating-rate loans. Therefore, changes in the market interest rates will result in changes in the interest rate of the long-term bank loans, which will affect future cash flows.
- g. The Company seeks to reduce the effects of future cash flow related interest rate changes by primarily using derivative financial instruments.

The Company's long-term bank loans bear floating interest rates; therefore, changes in the market interest rate may cause future cash flows to be volatile. Accordingly, the Company entered into an interest rate swap contract in order to hedge cash flow risk caused by floating interest rates. Information about outstanding interest rate swap contract consisted of the following:

<b>Hedged Item</b>	<b>Hedging Financial Instrument</b>	<b>Fair Value December 31, 2010</b>	<b>Expected Cash Flow Generated Period</b>	<b>Expected Timing for the Recognition of Gains or Losses from Hedge</b>
Long-term bank loans	Interest rate swap contract	\$ (814)	2010 to 2012	2010 to 2012

## 26. RELATED PARTY TRANSACTIONS

Except as disclosed in the consolidated financial statements and other notes, the following is a summary of significant related party transactions:

- a. Investees of TSMC

VIS (accounted for using equity method)  
SSMC (accounted for using equity method)

- b. VisEra Technology Company, Ltd. (VisEra), an indirect investee accounted for using equity method by TSMC.
- c. Others

Related parties over which the Company has significant influence but with which the Company had no material transactions.

	<b>2010</b>		<b>2009</b>	
	<b>Amount</b>	<b>%</b>	<b>Amount</b>	<b>%</b>
For the year				
Sales				
VIS	\$ 223,584		\$ 139,496	
VisEra	82,595		15,569	
Others	11,397		240	

\$ 317,576

\$ 155,305

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	2010		2009	
	Amount	%	Amount	%
Purchases				
VIS	\$ 4,959,050	2	\$ 3,330,288	2
SSMC	4,521,046	2	3,537,659	2
Others	39,099			
	\$ 9,519,195	4	\$ 6,867,947	4
Manufacturing expenses				
VisEra (primarily outsourcing and rent)	\$ 102,188		\$ 82,586	
VIS (primarily rent)	10,161			
	\$ 112,349		\$ 82,586	
Research and development expenses				
VisEra	\$ 12,053		\$ 388	
VIS (primarily rent)	12,017		1,264	
Others	133			
	\$ 24,203		\$ 1,652	
Sales of property, plant and equipment				
VIS	\$ 37,011	11	\$	
VisEra	4,418	1	1,050	4
SSMC	2,401	1		
	\$ 43,830	13	\$ 1,050	4
Purchase of property, plant and equipment and intangible assets				
VIS	\$ 109,855		\$	
Non-operating income and gains				
VIS (primarily technical service income; see Note 29e)	\$ 267,370	2	\$ 224,740	4
SSMC (primarily technical service income; see Note 29d)	198,218	2	141,488	2
Others			129	
	\$ 465,588	4	\$ 366,357	6

As of December 31

Other receivables

VIS	\$ 70,798	57	\$ 81,663	67
SSMC	53,788	43	39,629	33
	\$ 124,586	100	\$ 121,292	100

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	2010		2009	
	Amount	%	Amount	%
Payables				
SSMC	\$ 430,235	50	\$ 238,741	31
VIS	428,797	49	531,459	68
Others	8,053	1	12,807	1
	\$ 867,085	100	\$ 783,007	100

The sales prices and payment terms to related parties were not significantly different from those of sales to third parties. For other related party transactions, prices and terms were determined in accordance with mutual agreements.

The Company leased certain office space and facilities from VIS. The lease terms and prices were determined in accordance with mutual agreements. The office rental was prepaid by the Company and the facilities rental was paid quarterly. The related rental expenses were classified under research and development expenses and manufacturing expenses.

The Company leased certain factory building from VisEra. The lease terms and prices were determined in accordance with mutual agreements. The rental expense was paid monthly and classified under manufacturing expenses.

Compensation of directors and management personnel:

	Years Ended December 31	
	2010	2009
Salaries, incentives and special compensation	\$ 883,119	\$ 657,234
Bonus	578,343	395,313
	\$ 1,461,462	\$ 1,052,547

The information about the compensation of directors and management personnel is available in the annual report for the shareholders' meeting. Total compensation expense for the year ended December 31, 2010 includes estimated profit sharing to employees and bonus to directors of the Company that relate to 2010 but will be paid in the following year. The actual amount will be finalized and approved upon the resolution of the shareholders' meeting in 2011. The total compensation for the year ended December 31, 2009 included the bonuses appropriated from earnings of 2009 which was approved by the shareholders' meeting held in 2010.

## 27. PLEDGED OR MORTGAGED ASSETS

The Company provided certain assets as collateral mainly for long-term bank loans, land lease agreements and customs duty guarantee, which were as follows:

December 31	
2010	2009

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Other financial assets	\$ 163,531	\$ 949,368
Property, plant and equipment, net	1,109,249	2,808,057
Others assets	40,000	20,000
	\$ 1,312,780	\$ 3,777,425

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**28. SIGNIFICANT LONG-TERM LEASES**

The Company leases several parcels of land, factory and office premises from the Science Park Administration and Jhongli Industrial Park Service Center. These operating leases expire on various dates from April 2011 to July 2030 and can be renewed upon expiration.

The Company entered into lease agreements for its office premises and certain office equipment located in the United States, Europe, Japan, Shanghai and Taiwan. These operating leases expire between 2011 and 2018 and can be renewed upon expiration.

As of December 31, 2010, future lease payments were as follows:

<b>Year</b>	<b>Amount</b>
2011	\$ 612,361
2012	568,683
2013	537,150
2014	515,335
2015	483,034
2016 and thereafter	3,422,460
	<b>\$ 6,139,023</b>

**29. SIGNIFICANT COMMITMENTS AND CONTINGENCIES**

Significant commitments and contingencies of the Company as of December 31, 2010, excluding those disclosed in other notes, were as follows:

- a. Under a technical cooperation agreement with ITRI, the R.O.C. Government or its designee approved by TSMC can use up to 35% of TSMC's capacity if TSMC's outstanding commitments to its customers are not prejudiced. The term of this agreement is for five years beginning from January 1, 1987 and is automatically renewed for successive periods of five years unless otherwise terminated by either party with one year prior notice.
- b. Under several foundry agreements, TSMC shall reserve a portion of its production capacity for certain major customers that have guarantee deposits with TSMC. As of December 31, 2010 TSMC had a total of US\$22,653 thousand of guarantee deposits.
- c. Under a Shareholders Agreement entered into with Philips and EDB Investments Pte Ltd. on March 30, 1999, the parties formed a joint venture company, SSMC, which is an integrated circuit foundry in Singapore. TSMC's equity interest in SSMC was 32%. Nevertheless, Philips parted with its semiconductor company which was renamed as NXP B.V. in September 2006. TSMC and NXP B.V. purchased all the SSMC shares owned by EDB Investments Pte Ltd. pro rata according to the Shareholders Agreement on November 15, 2006. After the purchase, TSMC and NXP B.V. currently own approximately 39% and 61% of the SSMC shares respectively. TSMC and Philips (now NXP B.V.) are required, in the aggregate, to purchase at least 70% of SSMC's capacity, but TSMC alone is not required to purchase more than 28% of the capacity. If any party defaults on the commitment and the capacity utilization of SSMC fall below a specific percentage of its capacity, the defaulting party is required to compensate SSMC for all related unavoidable costs.



- d. TSMC provides technical services to SSMC under a Technical Cooperation Agreement (the Agreement) effective March 30, 1999. TSMC receives compensation for such services computed at a specific percentage of net selling price of all products sold by SSMC. The Agreement shall remain in force for ten years and will be automatically renewed for successive periods of five years each unless pre-terminated by either party under certain conditions.
- e. TSMC provides a technology transfer to VIS under a Manufacturing License and Technology Transfer Agreement entered into on April 1, 2004. TSMC receives compensation for such technology transfer in the form of royalty payments from VIS computed at specific percentages of net selling price of certain products sold by VIS. VIS agreed to reserve its certain capacity to manufacture for TSMC certain products at prices as agreed by the parties.
- f. In August 2006, TSMC filed a lawsuit against Semiconductor Manufacturing International Corporation, SMIC (Shanghai) and SMIC Americas (aggregately referred to as SMIC) in the Superior Court of California for Alameda County for breach of a 2005 agreement that settled an earlier trade secret misappropriation and patent infringement litigation between the parties, as well as for trade secret misappropriation, seeking injunctive relief and monetary damages. In September 2006, SMIC filed a cross-complaint against TSMC in the same court alleging breach of settlement agreement, implied covenant of good faith and fair dealing. SMIC also filed a civil action against TSMC in November 2006 with the Beijing People's High Court alleging defamation and breach of good faith. On June 10, 2009, the Beijing People's High Court ruled in favor of TSMC and dismissed SMIC's lawsuit. On November 4, 2009, after a two-month trial, a jury in the California action found SMIC to have both breached the 2005 settlement agreement and misappropriated TSMC's trade secrets. TSMC has subsequently settled both lawsuits with SMIC. Pursuant to the new settlement agreement, the parties have agreed to the entry of a stipulated judgment in favor of TSMC in the California action, and to the dismissal of SMIC's appeal against the Beijing High Court's finding in favor of TSMC. Under the new settlement agreement and the related stipulated judgment, SMIC has agreed to make cash payments by installments to TSMC totaling US\$200 million, which are in addition to the US\$135 million previously paid to TSMC under the 2005 settlement agreement, and, conditional upon relevant government regulatory approvals, to issue to TSMC a total of 1,789,493,218 common shares of Semiconductor Manufacturing International Corporation and a three-year warrant to purchase 695,914,030 common shares (subject to adjustment) of Semiconductor Manufacturing International Corporation at HK\$1.30 per share (subject to adjustment). TSMC has received the approval from the Investment Commission of Ministry of Economic Affairs and acquired the above mentioned common shares on July 5, 2010, representing approximately 7.37% of Semiconductor Manufacturing International Corporation's total shares outstanding, and recognized settlement income amounting to NT\$4,434,364 thousand.
- g. In June 2010, STC.UNM, the technology transfer arm of the University of New Mexico, filed a complaint in the U.S. International Trade Commission (USITC) accusing TSMC and one other company of allegedly infringing a single U.S. patent. Based on this complaint, the USITC initiated an investigation in July 2010. TSMC and STC.UNM have subsequently reached a settlement agreement and, on November 15, 2010, filed a joint motion to terminate the investigation based on the settlement agreement. As a result, the Administrative Law Judge (ALJ) assigned to the investigation has made an initial determination to terminate the investigation based on the settlement agreement. The USITC, on December 21, 2010, decided not to review the ALJ's initial determination, which officially terminates this investigation.
- h. In June 2010, Keranos, LLC. filed a lawsuit in the U.S. District Court for the Eastern District of Texas alleging that TSMC, TSMC North America, and several other leading technology companies infringe three expired U.S. patents. The outcome of this litigation cannot be determined at this time.



- i. In December 2010, Ziptronix, Inc. filed a complaint in the U.S. District Court for the Northern District of California accusing TSMC, TSMC North America and one other company of allegedly infringing six U.S. patents. This litigation is in its very early stages and therefore the outcome of the case cannot be determined at this time.
- j. The Company entered into an agreement with a counterparty in 2003 whereby TSMC China is obligated to purchase certain property, plant and equipment at the agreed-upon price within the contract period. If the purchase is not completed, TSMC China is obligated to compensate the counterparty for the loss incurred. The property, plant and equipment have been in use by TSMC China since 2004 and are being depreciated over their estimated service lives. The related obligation totaled NT\$7,112,172 thousand and NT\$8,355,395 thousand as of December 31, 2010 and 2009, respectively, which is included in other long-term payables.
- k. Amounts available under unused letters of credit as of December 31, 2010 were NT\$94,764 thousand.

### 30. OTHERS

The significant financial assets and liabilities denominated in foreign currencies were as follows:

	December 31			
	2010			2009
	Foreign Currency (In Thousands)	Exchange Rate (Note)	Foreign Currency (In Thousands)	Exchange Rate (Note)
Financial assets				
Monetary assets				
USD	\$ 3,944,765	29.13-30.368	\$ 3,649,645	31.99-32.03
EUR	233,213	38.92-40.65	62,667	46.10-46.25
JPY	29,779,663	0.3582-0.3735	32,431,007	0.3472-0.3484
RMB	251,319	4.3985-4.61	207,901	4.693
Non-monetary assets				
USD	189,327	30.368	133,238	32.03
HKD	1,002,116	3.91		
Investments accounted for using equity method				
USD	306,102	30.368	249,227	32.03
Financial liabilities				
Monetary liabilities				
USD	2,021,729	29.13-30.368	886,730	31.99-32.03
EUR	265,360	38.92-40.65	74,595	46.10-46.25
JPY	31,561,576	0.3582-0.3735	34,661,538	0.3472-0.3484
RMB	566,778	4.3985-4.61	772,935	4.693

Note: Exchange rate represents the number of N.T. dollars for which one foreign currency could be exchanged.

### 31. ADDITIONAL DISCLOSURES

Following are the additional disclosures required by the SFB for TSMC and its investees in which all significant intercompany balances and transactions are eliminated upon consolidation:

- a. Financing provided: Please see Table 1 attached;
- b. Endorsement/guarantee provided: None;
- c. Marketable securities held: Please see Table 2 attached;
- d. Marketable securities acquired and disposed of at costs or prices of at least NT\$100 million or 20% of the paid-in capital: Please see Table 3 attached;
- e. Acquisition of individual real estate properties at costs of at least NT\$100 million or 20% of the paid-in capital: Please see Table 4 attached;
- f. Disposal of individual real estate properties at prices of at least NT\$100 million or 20% of the paid-in capital: None;
- g. Total purchases from or sales to related parties amounting to at least NT\$100 million or 20% of the paid-in capital: Please see Table 5 attached;
- h. Receivable from related parties amounting to at least NT\$100 million or 20% of the paid-in capital: Please see Table 6 attached;
- i. Names, locations, and related information of investees over which TSMC exercises significant influence: Please see Table 7 attached;
- j. Information on investment in Mainland China
  - 1) The name of the investee in Mainland China, the main businesses and products, its issued capital, method of investment, information on inflow or outflow of capital, percentage of ownership, equity in the net gain or net loss, ending balance, amount received as dividends from the investee, and the limitation on investee: Please see Table 8 attached.
  - 2) Significant direct or indirect transactions with the investee, its prices and terms of payment, unrealized gain or loss, and other related information which is helpful to understand the impact of investment in Mainland China on financial reports: Please see Table 9 attached.
- k. Intercompany relationships and significant intercompany transactions: Please see Table 9 attached.

### 32. SEGMENT FINANCIAL INFORMATION

- a. Industry financial information

The Company operates in one industry. Therefore, the disclosure of industry financial information is not applicable to the Company.



## b. Geographic information:

	<b>North America and Others</b>	<b>Taiwan</b>	<b>Adjustments and Elimination</b>	<b>Consolidated</b>
2010				
Sales to other than consolidated entities	\$ 222,048,091	\$ 197,489,820	\$	\$ 419,537,911
Sales among consolidated entities	19,158,150	223,707,136	(242,865,286)	
Total sales	\$ 241,206,241	\$ 421,196,956	\$ (242,865,286)	\$ 419,537,911
Gross profit	\$ 8,776,155	\$ 199,903,278	\$ (1,625,842)	\$ 207,053,591
Operating expenses				(47,878,256)
Non-operating income and gains				13,136,072
Non-operating expenses and losses				(2,041,012)
Income before income tax				\$ 170,270,395
Identifiable assets	\$ 118,440,175	\$ 593,558,520	\$ (32,845,319)	\$ 679,153,376
Long-term investments				39,775,528
Total assets				\$ 718,928,904
2009				
Sales to other than consolidated entities	\$ 162,783,488	\$ 132,958,751	\$	\$ 295,742,239
Sales among consolidated entities	11,891,274	163,407,355	(175,298,629)	
Total sales	\$ 174,674,762	\$ 296,366,106	\$ (175,298,629)	\$ 295,742,239
Gross profit	\$ 2,004,734	\$ 128,456,453	\$ (1,132,576)	\$ 129,328,611
Operating expenses				(37,366,725)
Non-operating income and gains				5,653,548
Non-operating expenses and losses				(2,152,787)

Income before income tax				\$ 95,462,647
Identifiable assets	\$ 113,023,501	\$ 468,112,330	\$ (24,285,114)	\$ 556,850,717
Long-term investments				37,845,503
Total assets				\$ 594,696,220

c. Export sales

Area	Years Ended December 31	
	2010	2009
Asia	\$ 164,650,948	\$ 65,491,264
Europe and others	65,879,672	44,602,706
	\$ 230,530,620	\$ 110,093,970

The export sales information is based on the amounts billed to customers within the areas.

d. Major customers representing at least 10% of gross sales

	Years Ended December 31			
	2010		2009	
	Amount	%	Amount	%
Customer A	\$ 41,022,200	10	\$ 33,025,488	11
Customer B	37,962,026	9	31,994,983	10

**TABLE 1**

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**FINANCINGS PROVIDED**  
**FOR THE YEAR ENDED DECEMBER 31, 2010**  
(Amounts in Thousands of New Taiwan Dollars, Unless Specified Otherwise)

Statement Item	Counter-party	Financing Limit for Each Borrowing Company	Maximum Balance for the Period (US\$ in Thousands)	Ending Balance (US\$ in Thousands)	Interest Rate	Reason for Financing	Allowance for Bad Debt	Collateral Item
	TSMC China	(Note 1)	\$3,644,160 (US\$120,000)	\$3,644,160 (US\$120,000)	0.25%-0.26%	Purchase equipment	\$	

l parties

Note 1: The total amount for lending to a company for funding for a short-term period shall not exceed ten percent (10%) of the net worth of TSMC Partners. In addition, the total amount lendable to any one borrower shall be no more than thirty percent (30%) of the borrower's net worth. While offshore subsidiaries whose voting shares are 100% owned, directly or indirectly, by TSMC will not be subjected to this restriction.

Note 2: The total amount available for lending purpose shall not exceed the net worth of TSMC Partners.

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**TABLE 2****Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries****MARKETABLE SECURITIES HELD****DECEMBER 31, 2010****(Amounts in Thousands of New Taiwan Dollars, Unless Specified Otherwise)**

			December 31, 2010	
Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Shares/Units	Carrying Value
			(In Thousands)	(US\$ in Thousands)
Corporate bond				
China Mobile Co., Ltd.		Available-for-sale financial assets		\$ 1,033,049
Steel Corporation		Held-to-maturity financial assets		1,507,400
Yonfa Petrochemical Corporation				1,463,791
Yonfa Power Company				1,352,022
Yonfa Plastics Corporation				1,303,298
Yonfa Plastics Corporation				575,776
Taiwan Semiconductor Manufacturing International Corporation		Available-for-sale financial assets	1,789,493	3,918,274
TSMC Global	Subsidiary	Investments accounted for using equity method	1	43,710,543
TSMC Partners	Subsidiary	Investee accounted for using equity method	988,268	33,565,775
TSMC		Investee accounted for using equity method	628,223	9,422,452
TSMC		Investee accounted for using equity method	314	7,120,714
TSMC		Investee accounted for using equity method	76,069	6,733,369
TSMC North America	Subsidiary	Investee with a controlling financial interest	11,000	2,873,888
TSMC		Investee with a controlling financial interest	93,081	1,645,201
TSMC		Investee with a controlling financial interest	46,688	1,113,516
TSMC Europe	Subsidiary			177,784
TSMC Japan	Subsidiary		6	150,312
TSMC Solar NA	Subsidiary		1	26,527
TSMC Solar Europe	Subsidiary			23,971
TSMC Korea	Subsidiary		80	20,929
TSMC Lighting NA	Subsidiary		1	3,133
Industrial Gases Co., Ltd.		Financial assets carried at cost	16,783	193,584
Yonfa Handotai Taiwan Co., Ltd.			10,500	105,000

Technology Fund IV			4,000	40,000
on Ventures Fund		Financial assets carried at cost		103,992
on Asia Capital				55,259
al				
C China	Subsidiary	Investments accounted for using equity method		4,252,270
F III	Subsidiary			2,769,423
F II	Subsidiary			1,063,057
ging Alliance	Subsidiary			304,310
orate bond				
al Elec Cap Corp. Mtn		Held-to-maturity financial assets	US\$	20,283
al Elec Cap Corp. Mtn			US\$	20,141

(Continued)

			December 31, 2019	
Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Shares/Units (In Thousands)	Carrying Per Value (US\$ in Thousands)
Common stock				
SMC Development, Inc. (TSMC Development)	Subsidiary	Investments accounted for using equity method	1	US\$ 403,257
WisEra Holding Company	Investee accounted for using equity method		43,000	US\$ 83,057
VeStar Semiconductor Development and, Inc. (ISDF)	Subsidiary		4,088	US\$ 21,523
VeStar Semiconductor Development and, Inc. (II) LDC. (ISDF II)	Subsidiary		16,532	US\$ 13,660
SMC Technology	Subsidiary		1	US\$ 9,878
SMC Canada	Subsidiary		2,300	US\$ 3,714
Microcube Inc.	Investee accounted for using equity method		5,333	
Preferred stock				
Microcube Inc.	Investee accounted for using equity method	Investments accounted for using equity method	1,000	
Corporate bond				
GE Capital Corp.		Held-to-maturity financial assets		US\$ 20,215
JP Morgan Chase & Co.				US\$ 15,000
Common stock				
WaferTech	Subsidiary	Investments accounted for using equity method	293,637	US\$ 165,211
Corporate bond				
Real Bk		Available-for-sale financial assets	249	US\$ 249
Real Bk Ssb			249	US\$ 249
Ally Bank			249	US\$ 249
Banco Popular De P R			249	US\$ 249
Bank of America Block Bank			249	US\$ 249
Common stock				
ArchWave Technology Corp.		Financial assets carried at cost	4,074	US\$ 1,545
Global Investment Holding Inc.			11,124	US\$ 3,065
Preferred stock				

audience, Inc.		Financial assets carried at cost	1,654	US\$	250
ext IO, Inc.			800	US\$	500
ptichron, Inc.			1,276	US\$	1,145
xim, Inc.			4,641	US\$	1,137
ST Holdings, LLC				US\$	142
apital					
ventureTech Alliance Holdings, LLC	Subsidiary	Investments accounted for			
(VTA Holdings)		using equity method			
orporate bond					
deal Bk		Available-for-sale financial	249	US\$	249
		assets			
deal Bk Ssb			249	US\$	249
d Ally Bank			249	US\$	249
d Banco Popular De P R			249	US\$	249
&R Block Bank			249	US\$	249
ommon stock					
eadtrend		Available-for-sale financial	738	US\$	3,159
		assets			
ether Systems, Inc.		Financial assets carried at cost	1,600	US\$	1,503
chWave Technology Corp.			1,267	US\$	1,036
entelic			1,806	US\$	2,607
					(Continued)



			December 31, 2017	
			Carrying	Per
			Shares/Units	Value
			(In	(US\$ in Ow
Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Thousands)	Thousands)
Preferred stock				
5V Technologies, Inc.		Financial assets carried at cost	2,890	US\$ 2,168
Aquantia			3,974	US\$ 3,816
Audience, Inc.			12,378	US\$ 2,378
Beceem Communications			797	US\$ 1,701
Impinj, Inc.			475	US\$ 1,000
Next IO, Inc.			3,795	US\$ 953
Optichron, Inc.			2,847	US\$ 2,825
Pixim, Inc.			33,347	US\$ 1,878
Power Analog Microelectronics			7,027	US\$ 3,383
QST Holdings, LLC				US\$ 593
Xceive			4,210	US\$ 1,554
Capital				
VTA Holdings	Subsidiary	Investments accounted for using equity method		
Common stock				
Mutual-Pak Technology Co., Ltd.	Subsidiary	Investments accounted for using equity method	11,868	US\$ 2,058
Aiconn Technology Corporation	Investee accounted for using equity method		5,623	US\$ 546
Preferred stock				
Auramicro, Inc.		Financial assets carried at cost	4,694	US\$ 1,408
BridgeLux, Inc.			6,113	US\$ 7,781
Exclara, Inc.			59,695	US\$ 5,897
GTBF, Inc.			1,154	US\$ 1,500
InvenSense, Inc.			816	US\$ 1,000
LiquidLeds Lighting Corp.			1,600	US\$ 800
Neoconix, Inc.			3,686	US\$ 4,717
Powervation, Ltd.			380	US\$ 5,797
Quellan, Inc.			3,106	US\$ 369
Silicon Technical Services, LLC			1,055	US\$ 1,208
Stion Corp.			7,347	US\$ 50,000
Tilera, Inc.			3,890	US\$ 3,025
Validity Sensors, Inc.			9,340	US\$ 3,456
Capital				

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Growth Fund Limited (Growth Fund)	Subsidiary	Investments accounted for using equity method	US\$	846
VTA Holdings	Subsidiary			
Common stock SiliconBlue Technologies, Inc. Veebeam		Financial assets carried at cost	5,107 US\$	762
			10 US\$	25
Common stock Integrated Memory Logic, Inc.		Available-for-sale financial assets	3,541 US\$	12,400
Memsic, Inc.			1,286 US\$	4,371
Preferred stock IP Unity, Inc. Sonics, Inc.		Financial assets carried at cost	1,008 US\$	290
			230 US\$	497
Common stock Memsic, Inc.		Available-for-sale financial assets	1,072 US\$	3,645

(Continued)

			December 31, 2013	
Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account (In Thousands)	Shares/Units	Carrying Value (US\$ in Thousands)
Chip Technologies Limited		Financial assets carried at cost	7,520	US\$ 3,660
ics, Inc.			278	US\$ 1,000
yatek Technology, Corp.			932	US\$ 540
len Technology MFG. Co., Ltd.			1,049	US\$ 220
ferred stock				
gTek, Inc.		Financial assets carried at cost	1,032	US\$ 680
ics, Inc.			264	US\$ 450
Common stock				
C-NA	Subsidiary	Investments accounted for using equity method	800	\$58,000
C-Japan	Subsidiary		1	14,700
C-BVI	Subsidiary		550	8,760
C-Europe	Subsidiary			3,740
Capital				
Global Unichip (Shanghai) Company, Limited (GUC-Shanghai)	Subsidiary	Investments accounted for using equity method		7,460
Capital				
Compositech Ltd.		Financial assets carried at cost	587	
Bank				
MC Solar Europe GmbH	Subsidiary	Investments accounted for using equity method	1	3,650
Corporate bond				
American Development Bank		Available-for-sale financial assets	2,600	US\$ 2,620
State Life Gbl Fdg Secd			4,430	US\$ 4,820
el Corp.			100	US\$ 100
American Honda Fin Corp. Mtn			4,000	US\$ 3,990
z National Intl Ltd.			3,500	US\$ 3,550
an Development Bank			2,500	US\$ 2,500
razeneca Plc			3,150	US\$ 3,390
+T Wireless			3,500	US\$ 3,820
Australia + New Zealand Bkg			2,000	US\$ 2,040

anco Bilbao Vizcaya P R	3,250 US\$	3,24
nk New York Inc.	1,615 US\$	1,61
nk New York Inc. Medium	2,100 US\$	2,25
nk of America Corp.	2,100 US\$	2,15
nk of New York Mellon	2,200 US\$	2,20
nk of Nova Scotia	5,000 US\$	5,00
clays Bank Plc	12,000 US\$	11,99
clays Bank Plc NY	400 US\$	40
va US Senior SA Uniper	2,645 US\$	2,63
r Stearns Cos Inc.	2,200 US\$	2,19
r Stearns Cos Inc.	3,500 US\$	3,49
r Stearns Cos Inc. Med Term	2,400 US\$	2,61
rkshire Hathaway Inc. Del	3,500 US\$	3,51
o Billiton Fin USA Ltd.	2,000 US\$	2,10
Tokyo Mitsubishi Ufj	2,000 US\$	2,04
w US Capital LLC	1,600 US\$	1,60
o Paribas SA	3,810 US\$	3,84
eing Cap Corp.	2,925 US\$	3,19
eing Co.	450 US\$	45
Capital Markets Plc	3,900 US\$	3,98

(Continued)

December 31, 2013

Investable Securities Type and Name	Relationship with the Company	Financial Statement Account	Carrying Value		Percentage Owned
			Shares/Units (In thousands)	(US\$ in thousands)	
Pillar Financial Services		Available-for-sale financial assets	900	US\$ 901	N/A
Qualcomm Part/Veri Wireless			1,000	US\$ 1,159	N/A
Qualcomm Part/Veri Wireless			2,000	US\$ 2,020	N/A
Financement Foncier			200	US\$ 200	N/A
Financement Foncier			4,000	US\$ 4,019	N/A
Group Funding Inc.			16,000	US\$ 16,323	N/A
Group Funding Inc.			7,300	US\$ 7,446	N/A
Group Inc.			1,400	US\$ 1,390	N/A
Group Inc.			800	US\$ 814	N/A
Group Inc.			400	US\$ 426	N/A
Group Inc.			5,000	US\$ 5,490	N/A
Cola Co.			4,000	US\$ 4,002	N/A
Commonwealth Bank Australia			2,800	US\$ 2,806	N/A
Countrywide Financial Corp.			4,000	US\$ 4,208	N/A
Crédit Suisse First Boston USA			2,150	US\$ 2,253	N/A
Crédit Suisse New York			3,945	US\$ 4,090	N/A
Crédit Suisse Bank AG NY			2,500	US\$ 2,487	N/A
Crédit Local			6,000	US\$ 5,976	N/A
Crédit Local			4,000	US\$ 3,984	N/A
Crédit Local S.A.			4,000	US\$ 3,992	N/A
Crédit Local SA NY			5,000	US\$ 4,983	N/A
Mont E I De Nemours + Co.			825	US\$ 886	N/A
Inc.			1,375	US\$ 1,361	N/A
Resources Inc.			1,500	US\$ 1,501	N/A
Service for Danish Industries			3,800	US\$ 3,799	N/A
General Electric Capital Corp.			1,000	US\$ 999	N/A
General Electric Capital Corp.			7,000	US\$ 7,002	N/A
General Electric Capital Corp.			1,000	US\$ 1,001	N/A
General Electric Capital Corp.			4,000	US\$ 4,110	N/A
General Electric Capital Corp.			2,000	US\$ 1,967	N/A
Georgia Power Co.			1,000	US\$ 1,005	N/A
Georgia Power Co.			4,000	US\$ 4,006	N/A
LLC			4,600	US\$ 4,731	N/A
Goldman Sachs Group Inc.			2,000	US\$ 1,956	N/A
Boise Cascade			1,150	US\$ 1,140	N/A
Hewlett Packard Co.			3,000	US\$ 3,003	N/A
Hewlett Packard Co.			2,030	US\$ 2,032	N/A
BlackRock Financial Corp.			4,330	US\$ 4,694	N/A

C Bank Plc	3,400	US\$	3,405	N/A
C Fin Corp.	2,315	US\$	2,304	N/A
C Fin Corp.	2,900	US\$	3,074	N/A
Corp.	2,300	US\$	2,301	N/A
Corp.	6,800	US\$	6,775	N/A
Corp.	1,500	US\$	1,500	N/A
k Recon + Develop	5,000	US\$	5,002	N/A
k Recon + Develop	2,000	US\$	2,046	N/A
Deer Capital Corp. Fdic GT	3,500	US\$	3,616	N/A
rgan Chase + Co.	2,500	US\$	2,513	N/A
rgan Chase + Co.	5,000	US\$	5,021	N/A
Medium Term Nts Book Entry	1,950	US\$	1,950	N/A
tanstalt Fur Wiederaufbau	650	US\$	664	N/A
Eli + Co.	1,500	US\$	1,548	N/A
ls Tsb Bank Plc Ser 144A	4,850	US\$	4,857	N/A
ls Tsb Bank Plc Ser 144A	5,950	US\$	6,009	N/A

(Continued)

December 31

Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Carrying		Percentage Owned
			Shares/Units (In thousands)	Value (US\$ in thousands)	
Equarie Bk Ltd. Sr		Available-for-sale financial assets	3,900	US\$3,975	N/A
smutual Global Fdg II Mediu			4,000	US\$3,955	N/A
lon Fdg Corp.			3,500	US\$3,475	N/A
ck + Co. Inc.			4,000	US\$4,032	N/A
ck + Co. Inc.			2,000	US\$2,077	N/A
rill Lynch + Co. Inc.			4,691	US\$4,647	N/A
Life Glob Funding I			500	US\$ 508	N/A
life Inc.			6,500	US\$6,600	N/A
life Inc.			2,000	US\$2,013	N/A
rosoft Corp.			3,250	US\$3,232	N/A
umental Global Fdg II			1,500	US\$1,446	N/A
umental Global Fdg III			750	US\$ 729	N/A
rgan Stanley			1,000	US\$1,036	N/A
rgan Stanley Dean Witter			8,000	US\$8,524	N/A
rgan Stanley for Equity			2,000	US\$1,996	N/A
onal Australia Bank			1,000	US\$1,019	N/A
y York Life Global Fdg			2,000	US\$2,049	N/A
dea Bank Fld Plc			2,250	US\$2,241	N/A
idental Pete Corp.			3,200	US\$3,700	N/A
idental Petroleum Cor			1,000	US\$1,004	N/A
ario (Province of)			2,000	US\$2,038	N/A
fic Gas + Electric			2,000	US\$1,999	N/A
Funding Corp.			2,000	US\$2,000	N/A
oa Global Fdg I Med Term			1,750	US\$1,724	N/A
incipal Life Income Fundings			1,500	US\$1,483	N/A
coa Global Fdg I Medium			5,050	US\$5,011	N/A
obank Nederland			5,000	US\$5,000	N/A
al Bk of Scotland Plc			4,000	US\$4,002	N/A
al Bk of Scotland Plc			5,000	US\$5,052	N/A
al Bk Scotland Plc			2,550	US\$2,589	N/A
al Bk Scotlnd Grp Plc 144A			9,450	US\$9,516	N/A
Communications Inc.			2,000	US\$2,106	N/A
l International Fin			4,515	US\$4,536	N/A
l International Fin			3,200	US\$3,248	N/A
oreign Bancorp Fdic Gtd Tlg			2,200	US\$2,260	N/A
e Str Corp.			6,420	US\$6,417	N/A
Life Finl Global			4,400	US\$4,332	N/A
Life Finl Global Fdg II Lp			1,500	US\$1,496	N/A

corp Metway Ltd.	8,800	US\$8,982	N/A
nska Handelsbanken AB	2,200	US\$2,253	N/A
edbank AB	2,000	US\$1,998	N/A
edbank Foreningssparbanken A	1,500	US\$1,536	N/A
edbank Hypotek AB	4,000	US\$3,993	N/A
a Pharma Fin III LLC	4,000	US\$4,016	N/A
Global Mkts Inc.	2,000	US\$2,141	N/A
Global Mkts Inc. Mtn	1,500	US\$1,631	N/A
Ag Stamford CT	2,200	US\$2,199	N/A
Ag Stamford CT	800	US\$ 807	N/A
Central Federal Cred	4,000	US\$4,084	N/A
izon Communications Inc.	1,500	US\$1,631	N/A
chovia Corp.	550	US\$ 545	N/A
chovia Corp. Global Medium	5,000	US\$5,141	N/A
chovia Corp. New	1,400	US\$1,398	N/A
Mart Stores Inc.	4,000	US\$3,964	N/A

(Continued)



December 31

Investable Securities Type and Name	Relationship with the Company	Financial Statement Account	Shares/Units (In Thousands)	Carrying Value (US\$ in Thousands)	Percentage Owned
Walmart Stores Inc.		Available-for-sale financial assets	3,770	US\$ 4,325	N/A
Wells Fargo + Company			2,000	US\$ 2,007	N/A
Wells Fargo Banking Corp.			3,500	US\$ 3,514	N/A
Wells Fargo Banking Corp.			2,100	US\$ 2,110	N/A
Wells Fargo Banking Corp.			4,000	US\$ 4,005	N/A
Wells Fargo Banking Corp.			3,345	US\$ 3,657	N/A
Wells Fargo + Nz Banking Group		Held-to-maturity financial assets	20,000	US\$ 20,000	N/A
Commonwealth Bank of Australia			25,000	US\$ 25,000	N/A
Commonwealth Bank of Australia			25,000	US\$ 25,000	N/A
JP Morgan Chase + Co.			35,000	US\$ 35,067	N/A
Nationwide Building Society-UK			8,000	US\$ 8,000	N/A
Government Guarantee					
Wells Fargo Banking Corp.			25,000	US\$ 25,000	N/A
Wells Fargo Banking Corp. 12/12 Frn			5,000	US\$ 5,000	N/A
Agency bond					
Agency bond Mae		Available-for-sale financial assets	11,100	US\$ 11,096	N/A
Agency bond Mae			3,900	US\$ 3,861	N/A
Agency bond Mae			16,104	US\$ 16,102	N/A
Agency bond Mae			8,765	US\$ 8,763	N/A
Agency bond Mae			4,600	US\$ 4,589	N/A
Agency bond Mae			3,000	US\$ 2,994	N/A
Agency bond Mae			4,000	US\$ 4,003	N/A
Agency bond Mae			1,836	US\$ 1,922	N/A
Agency bond Mae			2,023	US\$ 2,086	N/A
Agency bond Mae			799	US\$ 837	N/A
Agency bond Mae			1,550	US\$ 1,613	N/A
Agency bond Mae			1,800	US\$ 1,879	N/A
Agency bond Mae			4,000	US\$ 3,984	N/A
Agency bond Mae			4,000	US\$ 3,994	N/A
Agency bond Mae			5,000	US\$ 5,004	N/A
Agency bond Mae			5,000	US\$ 5,008	N/A
Agency bond Mae			5,000	US\$ 5,046	N/A
Agency bond Mae			2,768	US\$ 2,810	N/A
Agency bond Mae			3,732	US\$ 3,727	N/A
Agency bond Mae			1,443	US\$ 1,505	N/A

al Home Ln Mtg Corp.	2,664	US\$ 2,793	N/A
al Home Ln Mtg Corp.	1,915	US\$ 1,969	N/A
al Home Ln Mtg Corp.	1,778	US\$ 1,849	N/A
al Home Ln Mtg Corp.	422	US\$ 423	N/A
al Home Ln Mtg Corp.	246	US\$ 247	N/A
al Home Ln Mtg Corp.	1,298	US\$ 1,341	N/A
al Home Ln Mtg Corp.	3,324	US\$ 3,453	N/A
al Home Ln Mtg Corp.	2,450	US\$ 2,491	N/A
al Home Loan Bank	5,000	US\$ 5,007	N/A
al Home Loan Bank	6,800	US\$ 6,817	N/A
al Home Loan Bank	8,000	US\$ 8,040	N/A
al Home Loan Bank	1,400	US\$ 1,399	N/A
al Home Loan Bank	1,400	US\$ 1,399	N/A
al Home Loan Bank	10,000	US\$ 9,998	N/A
al Home Loan Bank	8,400	US\$ 8,397	N/A
al Home Loan Bank	5,000	US\$ 4,998	N/A
al Home Loan Mtg Corp.	5,183	US\$ 5,168	N/A
al Home Loan Mtg Corp.	710	US\$ 718	N/A
al National Mort Assoc	535	US\$ 539	N/A
al Natl Mtg Assn	471	US\$ 471	N/A

(Continued)

December 31

Schedule	Securities Type and Name	Relationship with the Company	Financial Statement Account	Carrying		Percentage Owned
				Shares/Units (In Thousands)	Value (US\$ in Thousands)	
	Government Natl Mtg Assn Gtd		Available-for-sale financial assets	2,346	US\$ 2,425	N/A
	Government Natl Mtg Assn Gtd Remi			1,917	US\$ 1,988	N/A
	Government Natl Mtg Assn Gtd Remi			436	US\$ 437	N/A
	Government Natl Mtg Assn Mtn			1,276	US\$ 1,304	N/A
	Government Natl Mtg Assn Remic			1,080	US\$ 1,094	N/A
	Government Natl Mtg Assn			1,428	US\$ 1,506	N/A
	0547 Pb			2,561	US\$ 2,595	N/A
	0553 Da			3,284	US\$ 3,466	N/A
	0587 Jb			1,520	US\$ 1,602	N/A
	0584 Fa			4,096	US\$ 4,084	N/A
	Pool 745131			1,743	US\$ 1,803	N/A
	Pool 745688			1,384	US\$ 1,440	N/A
	Pool 775852			340	US\$ 343	N/A
	Pool 790772			1,162	US\$ 1,215	N/A
	Pool 819649			1,876	US\$ 1,950	N/A
	Pool 829989			1,626	US\$ 1,695	N/A
	Pool 841068			482	US\$ 505	N/A
	Pool 846233			1,729	US\$ 1,800	N/A
	Pool 870884			1,609	US\$ 1,684	N/A
	Pool 879908			1,349	US\$ 1,417	N/A
	Pool AB0035			2,000	US\$ 2,055	N/A
	Pool AC9580			100	US\$ 103	N/A
	0005 47 HA			1,785	US\$ 1,875	N/A
	0006 60 CO			3,485	US\$ 3,483	N/A
	0006 60 CO			1,009	US\$ 1,016	N/A
	0009 116 A			4,271	US\$ 4,640	N/A
	0009 70 NT			1,890	US\$ 1,965	N/A
	0000 ie Mac			10,420	US\$ 10,411	N/A
	0000 ie Mac			4,500	US\$ 4,502	N/A
	0000 ie Mac			5,750	US\$ 5,764	N/A
	0000 ie Mac			7,855	US\$ 7,859	N/A
	0000 ie Mac			4,300	US\$ 4,316	N/A
	0000 ie Mac			4,010	US\$ 4,014	N/A
	0000 II Pool 082431			1,897	US\$ 1,943	N/A
	000008 9 SA			2,259	US\$ 2,274	N/A
	000009 45 AB			4,417	US\$ 4,496	N/A
	0000 Government Natl Mtg Assn			3,050	US\$ 3,285	N/A
	0000 Government Natl Mtg Assn Gtd			1,692	US\$ 1,780	N/A

010 C1 A1		1,968	US\$ 1,928	N/A
010 R2 1A		3,732	US\$ 3,731	N/A
Government bond				
Treasury N/B	Available-for-sale financial assets	41,700	US\$42,042	N/A
Treasury N/B		7,000	US\$ 7,079	N/A
Treasury N/B		1,000	US\$ 1,015	N/A
Treasury N/B		5,250	US\$ 5,212	N/A
Treasury Sec		11,100	US\$10,976	N/A
Caisse De Financement De Lec	Held-to-maturity financial assets	15,000	US\$15,000	N/A
Equity market fund				
Cash Mgmt Global Offshore	Available-for-sale financial assets	12,387	US\$12,387	N/A

(Concluded)

**TABLE 3**

**Taiwan Semiconductor Manufacturing Company Limited and Investees and Subsidiaries**  
**MARKETABLE SECURITIES ACQUIRED AND DISPOSED OF AT COSTS OR PRICES OF AT LEAST**  
**NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL**  
**FOR THE YEAR ENDED DECEMBER 31, 2010**  
**(Amounts in Thousands of New Taiwan Dollars, Unless Specified Otherwise)**

Financial Statement	Account	Counter-party	Nature of Relationship	Beginning Balance		Acquisition		Disposal (Note 1)		Carrying Value (Thousands)
				Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	
Investments accounted for using equity method			Investee accounted for using equity method		\$ 75,316	US\$ 6,228,661		\$	\$	
Investments accounted for using equity method			Investee accounted for using equity method	1,309,615		1,862,278				
Financial assets carried at cost						7,347 US\$ 50,000				
Available-for-sale financial assets	Jih Sun Investment Trust Co., Ltd.			5,668	80,008	7,072	100,000	12,740	180,192	100,000
	PCA Securities Investment Trust Co., Ltd.					7,692	100,000	7,692	100,075	100,000
Available-for-sale financial assets						4,430 US\$ 4,834				
						4,000 US\$ 3,985				
						3,500 US\$ 3,515				
						3,500 US\$ 3,979				
						2,900 US\$ 3,121	2,900 US\$ 3,086		3,086 US\$	
						3,400 US\$ 3,548	3,400 US\$ 3,539		3,539 US\$	
						5,000 US\$ 5,000				

			4,000	US\$		3,984			
			12,000	US\$		12,035			
			5,000	US\$		5,000	5,000	US\$	5,036 US\$
			4,745	US\$		4,744	2,100	US\$	2,084 US\$
			3,500	US\$		3,500			
			2,925	US\$		3,235			
			3,900	US\$		3,969			
			4,000	US\$		4,029			
			4,020	US\$		4,021	4,020	US\$	4,016 US\$
	5,000	US\$	4,996				5,000	US\$	5,023 US\$
			10,000	US\$		10,094	10,000	US\$	10,104 US\$
			16,000	US\$		16,262			
			7,300	US\$		7,448			
			4,165	US\$		4,167	4,165	US\$	4,167 US\$
			4,800	US\$		4,768	4,800	US\$	4,761 US\$
			5,000	US\$		5,360			
			4,000	US\$		4,000			
			4,000	US\$		4,291			
			6,000	US\$		6,000			

(Continued)

Priorities	Financial Statement	Counter-party	Relationship	Nature of	Beginning	Acquisition		Disposal (Note 2)		Carry
					Balance	Shares/Units	Amount	Shares/Units	Amount	
Item	Account				(In	(US\$ in	(In	(US\$ in	(US\$ in	(US\$ in
					Thousands)	Thousands)	Thousands)	Thousands)	Thousands)	Thousands)
	Available-for-sale financial assets				US\$	4,000	US\$ 4,000		US\$	US\$
						4,000	US\$ 4,000			
						5,000	US\$ 5,000			
						4,000	US\$ 4,117			
						6,000	US\$ 6,000	5,000	US\$ 5,015	US\$ 5,015
						4,000	US\$ 4,024			
						4,600	US\$ 4,727			
Group					3,000	US\$3,012		3,000	US\$ 3,012	US\$ 3,012
Corp.							4,330	US\$ 4,781		
							3,400	US\$ 3,407		
							2,900	US\$ 3,142		
					1,800	US\$1,796	4,300	US\$ 4,302	3,800	US\$ 3,804
					3,000	US\$3,027		3,000	US\$ 3,020	US\$ 3,020
							6,800	US\$ 6,772		
							5,000	US\$ 5,014		
							3,500	US\$ 3,634		
+ Co.							5,000	US\$ 5,000		
+ Co.					3,000	US\$3,030		3,000	US\$ 3,028	US\$ 3,028
							3,800	US\$ 3,800	3,800	US\$ 3,801
Plc							4,850	US\$ 4,895		
d. Sr							3,900	US\$ 3,984		
al							4,000	US\$ 3,926		
							4,000	US\$ 4,066		
Co.							4,691	US\$ 4,603		
nding							5,000	US\$ 5,004	5,000	US\$ 5,003
nding					2,100	US\$2,142	2,575	US\$ 2,623	4,675	US\$ 4,757

			6,500	US\$ 6,527			
	3,340	US\$3,278			3,340	US\$ 3,327	US\$ 3
Dean			3,250	US\$ 3,249			
			8,000	US\$ 8,796			
Corp.			3,200	US\$ 3,752			
			3,000	US\$ 3,000	3,000	US\$ 3,001	US\$ 3
and			5,000	US\$ 4,997			
ic Gtd			10,000	US\$10,372	10,000	US\$10,347	US\$10
land			4,000	US\$ 4,015			
l Fin			4,515	US\$ 4,528			
l Fin			3,200	US\$ 3,227			
	1,940	US\$1,920	5,080	US\$ 5,065	600	US\$ 597	US\$
			5,500	US\$ 5,585	5,500	US\$ 5,559	US\$ 5
bal			4,400	US\$ 4,304			
Ltd.	5,000	US\$5,170	3,800	US\$ 3,933			
ek AB			4,000	US\$ 4,002			
III			4,000	US\$ 4,000			
al	4,800	US\$4,799	8,000	US\$ 8,074	12,800	US\$12,899	US\$12
al			4,000	US\$ 4,093			
Global			5,000	US\$ 5,138			
New	4,000	US\$4,246			4,000	US\$ 4,205	US\$ 4
Inc.			4,000	US\$ 3,986			
Inc.			3,770	US\$ 4,383			
Corp.			3,500	US\$ 3,500			
Corp.			4,000	US\$ 4,044			
			3,345	US\$ 3,699			

(Continued)



Financial Statement	Account	Counter-party	Relationship	Beginning Balance		Acquisition		Disposal (Note 2)		Carryover Value (US\$ in Thousands)
				Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	
	Held-to-maturity financial assets			US\$	20,000	US\$	20,000	US\$	US\$	
					25,000	US\$	25,000			
					25,000	US\$	25,000			
					35,000	US\$	35,103			
					25,000	US\$	25,000			
	Available-for-sale financial assets				8,000	US\$	7,995	8,000	US\$	7,999
					8,765	US\$	8,760			
					11,100	US\$	11,096			
					3,900	US\$	3,899			
					16,104	US\$	16,097			
					4,600	US\$	4,598			
					3,000	US\$	3,009			
					3,770	US\$	3,770			
					4,000	US\$	4,014			
					4,000	US\$	4,007			
					4,000	US\$	4,011			
					5,900	US\$	5,975			
					4,020	US\$	4,017	4,020	US\$	4,023
					4,000	US\$	3,997			
					4,000	US\$	3,995			
					5,000	US\$	4,997			
					3,100	US\$	3,100	3,100	US\$	3,100
					5,000	US\$	5,049			
				11,000	US\$	11,028		11,000	US\$	11,049
					5,000	US\$	5,098			
					4,634	US\$	4,726			

tg								
tg	1,350	US\$ 1,352	2,300	US\$ 2,304	3,650	US\$ 3,653	US\$ 3	
tg			4,289	US\$ 4,282	4,289	US\$ 4,292	US\$ 4	
tg			4,717	US\$ 4,719				
tg			3,840	US\$ 4,027				
tg			3,720	US\$ 3,953				
tg			4,121	US\$ 4,261				
tg			4,197	US\$ 4,261				
			10,000	US\$ 9,985				
			8,000	US\$ 7,996	8,000	US\$ 7,996	US\$ 7	
			5,000	US\$ 4,996	5,000	US\$ 5,001	US\$ 4	
			4,000	US\$ 3,999	4,000	US\$ 3,999	US\$ 3	
	10,000	US\$ 9,987			10,000	US\$10,007	US\$ 9	
			10,000	US\$ 9,998	10,000	US\$10,010	US\$ 9	
	8,000	US\$ 7,992			8,000	US\$ 8,009	US\$ 8	
			6,050	US\$ 6,050	6,050	US\$ 6,060	US\$ 6	
			5,000	US\$ 5,009				
			6,800	US\$ 6,811				
			8,000	US\$ 7,990				
	10,000	US\$10,012			10,000	US\$10,047	US\$10	
	4,700	US\$ 4,715			4,700	US\$ 4,716	US\$ 4	
			4,500	US\$ 4,497	3,100	US\$ 3,098	US\$ 3	
	11,200	US\$11,186	1,500	US\$ 1,498	4,300	US\$ 4,294	US\$ 4	
			4,000	US\$ 4,012	4,000	US\$ 4,002	US\$ 4	
			8,000	US\$ 8,082	8,000	US\$ 8,057	US\$ 8	
	3,000	US\$ 2,989			3,000	US\$ 3,001	US\$ 2	

(Continued)

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Financial Statement	Account	Counter-party	Relationship	Beginning Balance		Acquisition		Disposal (Note		Carrying Value	
				Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)	Shares/Units (In Thousands)	Amount (US\$ in Thousands)		
Available-for-sale financial assets				US\$	8,000	US\$	8,193	8,000	US\$	8,123	US\$
					6,397	US\$	6,394				
				4,000	US\$ 4,228			4,000	US\$	4,205	US\$
					3,426	US\$	3,494				
					3,343	US\$	3,466				
					4,000	US\$	4,149				
					3,638	US\$	3,827				
					4,686	US\$	4,681				
					3,123	US\$	3,261				
					3,000	US\$	3,141	3,000	US\$	3,134	US\$
					3,252	US\$	3,405	3,252	US\$	3,397	US\$
					24,000	US\$	25,241	24,000	US\$	25,233	US\$
					14,200	US\$	14,863	14,200	US\$	14,981	US\$
					14,200	US\$	14,790	14,200	US\$	14,901	US\$
					4,092	US\$	4,090				
					4,390	US\$	4,712				
					10,420	US\$	10,412				
				4,500	US\$ 4,491			4,500	US\$	4,496	US\$
					8,000	US\$	8,002	8,000	US\$	7,997	US\$
					7,000	US\$	6,994	7,000	US\$	6,995	US\$
					4,500	US\$	4,507				
					5,750	US\$	5,771				
					7,855	US\$	7,869				
					4,300	US\$	4,308				
					4,010	US\$	4,024				
					7,004	US\$	7,305				
					3,050	US\$	3,278				
					3,800	US\$	3,800				
Available-for-sale financial assets					24,000	US\$	24,116	24,000	US\$	24,105	US\$

			45,070	US\$ 45,309	45,070	US\$ 45,258	US\$
			43,900	US\$ 43,832	43,900	US\$ 44,134	US\$
			53,000	US\$ 53,069	53,000	US\$ 53,316	US\$
			16,800	US\$ 16,889	16,800	US\$ 16,897	US\$
			49,700	US\$ 49,742	8,000	US\$ 8,066	US\$
	21,400	US\$21,394			21,400	US\$ 21,487	US\$
			7,000	US\$ 7,078			
	37,700	US\$39,012			37,700	US\$ 38,784	US\$
			8,000	US\$ 8,040	8,000	US\$ 8,028	US\$
			10,000	US\$ 10,040	10,000	US\$ 10,045	US\$
			5,250	US\$ 5,195			
			11,100	US\$ 11,084			
			4,400	US\$ 4,380	4,400	US\$ 4,464	US\$
			5,000	US\$ 5,009	5,000	US\$ 4,977	US\$
Available-for-sale financial assets	8,858	US\$ 8,858	337,008	US\$337,008	333,479	US\$333,479	US\$3

(Continued)

Marketable Securities	Financial Statement	Type and Name	Account	Counter-party Relationship	Nature of	Beginning	Acquisition	Disposal (Note 2)	Carrying
						Balance	Amount	Amount	Value
						Shares/Units	Amount	Amount	Value
						(In US\$)	(US\$)	(US\$)	(US\$)
						(In thousands)	(in Note 1)	(in thousands)	(in thousands)
						(In thousands)	(in Note 1)	(in thousands)	(in thousands)
<u>Corporate issued note</u>									
Barclays U.S. Fdg LLC	Available-for-sale financial assets					4,500 US \$4,489	US\$ 4,500	US\$4,489	US\$4,489

Note 1: The shares/units and amount of marketable securities acquired do not include stock dividends from investees.

Note 2: The data for marketable securities disposed exclude bonds maturities and redemption by the issuer.

Note 3: The ending balance includes the amortization of premium/discount on bonds investments, unrealized valuation gains/ losses on financial assets, translation adjustments, equity in earnings/losses of equity method investees and other adjustments to long-term investment using equity method.

(Concluded)

**TABLE 4**

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**ACQUISITION OF INDIVIDUAL REAL ESTATE PROPERTIES AT COSTS OF AT LEAST NT\$100**  
**MILLION OR 20% OF THE PAID-IN CAPITAL**  
**FOR THE YEAR ENDED DECEMBER 31, 2010**  
**(Amounts in Thousands of New Taiwan Dollars)**

Transaction Date	Transaction Amount	Payment Term	Counter-party	Nature of Relationships	Prior Transaction Owner	Relationships of Related Counter-party	Transfer Date	Transaction Amount	Price Reference
January 28, 2010 to December 27,	\$1,169,132	By the construction progress	China Steel Structure Co., Ltd.		N/A	N/A	N/A	N/A	Public bidding
January 28, 2010 to December 29,	1,959,787	By the construction progress	Fu Tsu Construction Co., Ltd.		N/A	N/A	N/A	N/A	Public bidding
January 19, 2010 to December 29,	2,800,940	By the construction progress	Da Cin Constructure Co., Ltd.		N/A	N/A	N/A	N/A	Public bidding
January 25, 2010 to December 30,	493,403	By the construction progress	Tasa Construction Corporation		N/A	N/A	N/A	N/A	Public bidding
January 1, 2010 to December 30,	125,277	By the construction progress	I-Domain Industrial Co., Ltd.		N/A	N/A	N/A	N/A	Public bidding
January 26, 2010 to December 28,	195,831	By the construction progress	Mirle Automation Corporation		N/A	N/A	N/A	N/A	Public bidding
December 30,	2,900,000	Based on the agreement	Powerchip Technology Corporation		N/A	N/A	N/A	N/A	Pricing report

**TABLE 5**

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**TOTAL PURCHASES FROM OR SALES TO RELATED PARTIES OF AT LEAST NT\$100 MILLION OR**  
**20% OF THE PAID-IN CAPITAL**  
**FOR THE YEAR ENDED DECEMBER 31, 2010**  
**(Amounts in Thousands of New Taiwan Dollars)**

Related Party	Nature of Relationships	Purchases/ Sales	Transaction Details		Abnormal Transaction		Notes/ Payable/ Receivable/ Ending Balance
			Amount	% to	Unit Price	Payment Terms	
TSMC North America	Subsidiary	Sales	\$220,529,792	53	Net 30 days after invoice date		\$25,579
GUC	Investee with a controlling financial interest	Sales	2,818,499	1	Net 30 days after monthly closing		154
VIS	Investee accounted for using equity method	Sales	223,433		Net 30 days after monthly closing		
TSMC China	Subsidiary	Purchases	8,748,101	18	Net 30 days after monthly closing		(895)
WaferTech	Indirect subsidiary	Purchases	7,878,260	16	Net 30 days after monthly closing		(568)
VIS	Investee accounted for using equity method	Purchases	4,937,617	10	Net 30 days after monthly closing		(428)
SMMC	Investee accounted for using equity method	Purchases	4,521,046	10	Net 30 days after monthly closing		(430)
TSMC North America	Same parent company	Purchases	780,070	18	Net 30 days after invoice date/net 30 days after monthly closing		(102)
OmniVision	Parent company of director (represented for Xintec)	Sales	2,252,522	57	Net 30 days after monthly closing		118

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



**TABLE 6**

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**RECEIVABLES FROM RELATED PARTIES AMOUNTING TO AT LEAST NT\$100 MILLION OR 20%**  
**OF THE PAID-IN**  
**CAPITAL**  
**DECEMBER 31, 2010**  
**(Amounts in Thousands of New Taiwan Dollars)**

Company Name	Related Party	Nature of Relationships	Ending Balance	Turnover Days (Note 1)	Overdue Amounts	Action Taken	Amounts Received in Subsequent Period	Allowance for Bad Debts
MC	TSMC North America	Subsidiary	\$25,582,932	40	\$8,255,062		\$11,282,114	\$
	TSMC China	Subsidiary	1,170,407	(Note 2)				
	GUC	Investee with a controlling financial interest	154,589	32	7,415			
Xintec	OmniVision	Parent company of director (represented for Xintec)	118,933	42				

Note 1: The calculation of turnover days excludes other receivables from related parties.

Note 2: The ending balance primarily consisted of other receivables, which is not applicable for the calculation of turnover days.

**TABLE 7**

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries  
 NAMES, LOCATIONS, AND RELATED INFORMATION OF INVESTEEES OVER WHICH THE  
 COMPANY EXERCISES SIGNIFICANT INFLUENCE  
 DECEMBER 31, 2010**

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

Investee Company	Location	Main Businesses and Products	Original Investment Amount		Balance as of December 31, 2010			Net Income (Losses) of the Investee (Foreign Currencies in Thousands)
			December 31, 2010 (Foreign Currencies in Thousands)	December 31, 2009 (Foreign Currencies in Thousands)	Shares (In Thousands)	Percentage of Ownership	Carrying Value (Foreign Currencies in Thousands)	
Global	Tortola, British Virgin Islands	Investment activities	\$42,327,245	\$42,327,245	1	100	\$43,710,543	\$ 660,931
Partners	Tortola, British Virgin Islands	Investing in companies involved in the design, manufacture, and other related business in the semiconductor industry	31,456,130	31,456,130	988,268	100	33,565,775	2,313,657
	Hsin-Chu, Taiwan	Research, design, development, manufacture, packaging, testing and sale of memory integrated circuits, LSI, VLSI and related parts	13,232,288	13,232,288	628,223	38	9,422,452	1,952,385
	Singapore	Fabrication and supply of integrated circuits	5,120,028	5,120,028	314	39	7,120,714	3,881,067
h	Taipei, Taiwan	Manufacturing and sales of solar cells, crystalline silicon solar cell, and test and measurement instruments and design and construction of solar power systems	6,228,661		76,069	20	6,733,369	4,584,720
China	Shanghai, China	Manufacturing and selling of integrated circuits at the order of and pursuant to product design specifications provided by customers	12,180,367	12,180,367		100	4,252,270	1,386,574
North ca	San Jose, California, U.S.A.	Selling and marketing of integrated circuits and semiconductor devices	333,718	333,718	11,000	100	2,873,888	302,598

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III	Cayman Islands	Investing in new start-up technology companies	3,565,441	1,703,163		99	2,769,423	(247,274)
	Taoyuan, Taiwan	Wafer level chip size packaging service	1,357,890	1,357,890	93,081	41	1,645,201	505,260
	Hsin-Chu, Taiwan	Researching, developing, manufacturing, testing and marketing of integrated circuits	386,568	386,568	46,688	35	1,113,516	604,501
II	Cayman Islands	Investing in new start-up technology companies	1,166,470	1,093,943		98	1,063,057	120,612
ing Alliance	Cayman Islands	Investing in new start-up technology companies	971,785	959,044		99	304,310	2,345
Europe	Amsterdam, the Netherlands	Marketing and engineering supporting activities	15,749	15,749		100	177,784	38,893
Japan	Yokohama, Japan	Marketing activities	83,760	83,760	6	100	150,312	4,704
Solar NA	Delaware, U.S.A.	Engaged in selling and marketing of solar related products	60,962		1	100	26,527	(35,512)
Solar	Amsterdam, the Netherlands	Engaged in investing activities of solar related business	25,350			100	23,971	(433)
Korea	Seoul, Korea	Customer service and technical supporting activities	13,656	13,656	80	100	20,929	2,709
Lighting	Delaware, U.S.A.	Engaged in selling and marketing of LED related products	3,133		1	100	3,133	
Development	Delaware, U.S.A.	Investment activities	US \$0.001	US \$0.001	1	100	US \$403,257	US \$62,870
Holdings Company	Cayman Islands	Investing in companies involved in the design, manufacturing, and other related businesses in the semiconductor industry	US \$43,000	US \$43,000	43,000	49	US \$83,057	US \$11,320
	Cayman Islands	Investing in new start-up technology companies	US \$4,088	US \$7,680	4,088	97	US \$21,523	US \$8,934
II	Cayman Islands	Investing in new start-up technology companies	US \$16,532	US \$21,415	16,532	97	US \$13,660	US \$4,957
Technology	Delaware, U.S.A.	Engineering support activities	US \$0.001	US \$0.001	1	100	US \$9,878	US \$807
Canada	Ontario, Canada	Engineering support activities	US \$2,300	US \$2,300	2,300	100	US \$3,714	US \$348

Parent Company	Investee Company	Location	Main Businesses and Products	Original Investment Amount as of December 31, 2009 (In thousands of U.S. dollars)	Balance as of December 31, 2010 (In thousands of U.S. dollars)	Share Percentage of Ownership	Carrying Value (In thousands of U.S. dollars)	Net Income (Losses) of the Investee (In thousands of U.S. dollars)	Equity in the Earnings (Losses) of the Investee (In thousands of U.S. dollars)
	Mcube Inc. (Common Stock)	Delaware, U.S.A.	Research, development, and sale of micro-semiconductor device	US\$800	US\$800	5,333 70	US \$	US \$(6,915)	Note 2
	Mcube Inc. (Preferred Stock)	Delaware, U.S.A.	Research, development, and sale of micro-semiconductor device	US\$1,000	US\$1,000	1,000 10		US \$(6,915)	Note 2
Investment	WaferTech	Washington, U.S.A.	Manufacturing, selling, testing and computer-aided designing integrated circuits and other semiconductor devices	US\$283,000	US\$293,637	293,637 100	US \$165,211	US \$60,779	Note 2
III	Mutual-Pak Technology Co., Ltd.	Taipei, Taiwan	Manufacturing and selling of electronic parts and researching, developing, and testing of RFID	US\$3,937	US\$3,088	11,868 57	US \$2,058	US \$(1,879)	Note 2
	Aiconn Technology Corp.	Taipei, Taiwan	Wholesaling telecommunication equipments, and manufacturing wired and wireless communication equipments	US\$2,306	US\$2,077	5,623 43	US \$546	US \$(1,030)	Note 2
	Growth Fund	Cayman Islands	Investing in new start-up technology companies	US\$1,300	US\$1,050		US \$846	US \$(127)	Note 2
	VTA Holdings	Delaware, U.S.A.	Investing in new start-up technology companies						Note 2
II	VTA Holdings	Delaware, U.S.A.	Investing in new start-up technology companies						Note 2
	GUC-NA	U.S.A.				800 100	\$58,045	\$10,599	Sub

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			Consulting services in main products	USUS \$1,2 <del>9</del> 00					Note 2
	GUC-Japan	Japan	Consulting services in main products	JPY 30,000,000	1	100	14,706	1,404	NoteSub 2 (No
	GUC-BVI	British Virgin Islands	Investment activities	USUS \$55 <del>5</del> 0	550	100	8,761	(8,021)	NoteSub 2 (No
	GUC-Europe	The Netherlands	Consulting services in main products	EUR 100		100	3,747	(703)	NoteSub 2 (No
BVI	GUC-Shanghai	Shanghai, China	Consulting services in main products	US \$500		100	7,468	(7,971)	NoteSub 2 (No
ng Alliance	VTA Holdings	Delaware, U.S.A.	Investing in new start-up technology companies			7			NoteSub 2 (No
Solar	TSMC Solar Europe GmbH	Hamburg, Germany	Engaged in the selling and customer service of solar cell modules and related products	EUR 100	1	100	3,658	(421)	NoteSub 2 (No

Note 1: Equity in earnings/losses of investees include the effect of unrealized gross profit from affiliates.

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

Note 3: Equity in earnings/losses was determined based on the unaudited financial statements.

(Concluded)

**TABLE 8**

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries  
 INFORMATION OF INVESTMENT IN MAINLAND CHINA  
 FOR THE YEAR ENDED DECEMBER 31, 2010  
 (Amounts in Thousands of New Taiwan Dollars, Unless Specified Otherwise)**

Investor Company	Main Business	Total Amount of Investment	Paid-in Capital (US\$ in thousand)	Method of Investment (US\$ in thousand)	Accumulated	Accumulated	Equity in the Earnings (Losses)	Accumulated		
					Outflow of Investment from Taiwan as of January 1, 2010	Outflow of Investment from Taiwan as of December 31, 2010		Carrying Value as of December 31, 2010	Inward Remittance of Earnings as of December 31, 2010	
					(US\$ in thousand)	(US\$ in thousand)	(US\$ in thousand)	(US\$ in thousand)		
					Outflow	Inflow				
TSMC	TSMC China manufacturing	\$ 12,180,367	(Note 1)	\$ 12,180,367	\$ -	\$ 12,180,367	100%	\$ 1,358,492	\$ 4,252,270	\$ -
	selling integrated circuits at the order of and pursuant to product design specifications provided by customers	(RMB 3,070,623)		(US \$371,000)		(US \$371,000)		(Note 3)		
GUCG	Consulting services in main products	16,160	(Note 2)		16,160	16,160	100%	(7,971)	7,468	
		(US \$500)			(US \$500)	(US \$500)		(Note 4)		
					<b>Accumulated Investment in Mainland China</b>	<b>Investment Amounts Authorized by</b>				

<b>Investor Company</b>	<b>as of December 31, 2010 (US\$ in Thousand)</b>	<b>Investment Commission, MOEA (US\$ in Thousand)</b>	<b>Upper Limit on Investment (US\$ in Thousand)</b>
TSMC	\$ 12,180,367 (US \$371,000)	\$ 12,180,367 (US \$371,000)	\$ 12,180,367 (US \$371,000)
GUC	16,160 (US \$500)	16,160 (US \$500)	1,909,972 (Note 5)

Note 1: TSMC directly invested US\$371,000 thousand in TSMC China.

Note 2: GUC, TSMC's investee with a controlling financial interest, indirectly invested in GUC-Shanghai through GUC-BVI.

Note 3: Amount was recognized based on the audited financial statements.

Note 4: Amount was determined based on the unaudited financial statements.

Note 5: Subject to 60% of net asset value of GUC according to the revised Guidelines Governing the Approval of Investment or Technical Cooperation in Mainland China issued by the Investment Commission.

**TABLE 9**

**Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries**  
**INTERCOMPANY RELATIONSHIPS AND SIGNIFICANT INTERCOMPANY TRANSACTIONS**  
**(Amounts in Thousands of New Taiwan Dollars, Unless Otherwise Specified)**

A. For the year ended December 31, 2010

No.	Company Name	Counter Party	Nature of Relationship (Note 1)	Intercompany Transactions		Percentage of Consolidated Total Gross Sales or Total Assets
				Financial Statements Item	Amount	
0	TSMC	TSMC North America	1	Sales	\$ 220,529,792	51%
				Receivables from related parties	25,579,259	6%
				Other receivables from related parties	3,673	
				Payables to related parties	11,475	
		TSMC China	1	Sales	17,631	
				Purchases	8,748,101	2%
				Marketing expenses commission	59,180	
				Gain on disposal of property, plant and equipment	45,251	
				Acquisition of property, plant and equipment	66,337	
				Disposal of property, plant and equipment	1,409,862	
				Technical service income	4,487	
				Other receivables from related parties	1,170,407	
				Payables to related parties	895,193	
				Deferred debits	27,327	
		TSMC Japan	1	Marketing expenses commission	266,194	
				Payables to related parties	26,115	
		TSMC Europe	1	Marketing expenses commission	415,765	
				Research and development expenses	33,907	
				Payables to related parties	35,530	
		TSMC Korea	1	Marketing expenses commission	19,318	



		Payables to related parties	2,466	
GUC	1	Sales	2,818,499	1%
		Research and development expenses	8,390	
		Receivables from related parties	154,589	
		Payables to related parties	2,271	
TSMC Technology	1	Research and development expenses	547,838	
		Payables to related parties	88,292	
WaferTech	1	Sales	9,918	
		Purchases	7,878,260	2%
		Gain on disposal of other assets	9,655	
		Acquisition of property, plant and equipment	9,624	
		Disposal of property, plant and equipment	27,010	
		Disposal of other assets	9,655	
		Other receivables from related parties	3,543	
		Payables to related parties	568,685	
TSMC Canada	1	Research and development expenses	181,943	
		Payables to related parties	13,495	

(Continued)

No.	Company Name	Counter Party	Nature of Relationship (Note 1)	Intercompany Transactions		Percentage of Consolidated Total Gross Sales or Total Assets
				Financial Statements Item	Amount	
0	TSMC	Xintec	1	Manufacturing overhead	\$ 313,397	
				Research and development expenses	12,652	
				Disposal of property, plant and equipment	3,841	
				Payables to related parties	69,083	
1	GUC	TSMC North America	3	Purchases	780,070	
				Manufacturing overhead	196,572	
				Payables to related parties	102,302	
		TSMC Korea	3	Operating expenses	1,156	
		GUC-NA	3	Operating expenses	155,643	
				Manufacturing overhead	54,029	
				Accrued expenses	14,353	
		GUC-Japan	3	Operating expenses	45,927	
				Accrued expenses	9,706	
		GUC-Europe	3	Operating expenses	1,778	
		GUC-Shanghai	3	Operating expenses	22,146	
				Accrued expenses	1,945	
2	TSMC Partners	TSMC China	3	Other long-term receivables	3,644,160	1%
3	TSMC China	TSMC Partners	3	Other long-term payables	3,663,678	1%
		WaferTech	3	Acquisition of property, plant and equipment	27,104	

Note 1: No. 1 represents the transactions from parent company to subsidiary.

No. 3 represents the transactions between subsidiaries.

Note 2: The sales prices and payment terms of intercompany sales are not significantly different from those to third parties. For other intercompany transactions, prices and terms are determined in accordance with mutual agreements.

(Continued)

B. For the year ended December 31, 2009

No.	Company Name	Counter Party	Nature of Relationship (Note 1)	Intercompany Transactions		Percentage of Consolidated Total Gross Sales or Total Assets
				Financial Statements Item	Amount	
0	TSMC	TSMC North America	1	Sales	\$ 161,251,368	52%
				Receivables from related parties	22,203,242	4%
				Other receivables from related parties	8,676	
				Payables to related parties	4,222	
		TSMC China	1	Sales	63,278	
				Purchases	3,787,113	1%
				Gain on disposal of property, plant and equipment	176,521	
				Technical service income	8,105	
				Marketing expenses commission	10,302	
				Other receivables from related parties	111,103	
				Payables to related parties	481,500	
				Deferred credits	7,970	
		TSMC Japan	1	Marketing expenses commission	233,855	
				Payables to related parties	23,288	
		TSMC Europe	1	Marketing expenses commission	325,463	
				Research and development expenses	21,463	
				Payables to related parties	31,342	
		TSMC Korea	1	Marketing expenses commission	14,424	
				Payables to related parties	1,418	
		GUC	1	Sales	2,023,612	1%
				Research and development expenses	26,488	
				Receivables from related parties	338,502	
		TSMC Technology	1	Research and development expenses	409,686	
				Payables to related parties	109,220	

	WaferTech	1	Sales	4,482	
			Purchases	5,560,707	2%
			Other receivables from related parties	4,932	
			Payables to related parties	561,165	
	TSMC Canada	1	Research and development expenses	157,527	
			Payables to related parties	13,653	
	Xintec	1	Manufacturing overhead	36,101	
			Payables to related parties	37,363	
			Sales of property, plant and equipment and other assets	58,450	
3	GUC				
	TSMC North America	3	Purchases	937,160	
			Manufacturing overhead	303,687	
			Payables to related parties	173,789	
	GUC-NA	3	Operating expenses	157,345	
			Accrued expenses	14,618	
	GUC-Japan	3	Operating expenses	39,755	
			Accrued expenses	3,462	
	GUC-Europe	3	Operating expenses	7,305	

Note 1: No. 1 represents the transactions from parent company to subsidiary.

No. 3 represents the transactions between subsidiaries.

Note 2: The sales prices and payment terms of intercompany sales are not significantly different from those to third parties. For other intercompany transactions, prices and terms are determined in accordance with mutual agreements.

(Concluded)

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Taiwan Semiconductor Manufacturing  
Company Ltd.

Date: March 14, 2011

By/s/ Lora Ho  
Lora Ho  
Senior Vice President & Chief Financial  
Officer