TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD Form 6-K March 01, 2010

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 February 2010

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 b Form 40-F o

(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 o No b

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

Taiwan Semiconductor Manufacturing Company Limited Financial Statements for the Years Ended December 31, 2009 and 2008 and Independent Auditors Report

#### 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, 2009 and 2008, 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, 2009 and 2008, 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 Statements of Financial Accounting Standards No. 10, Accounting for Inventories. In addition, effective January 1, 2008, Taiwan Semiconductor Manufacturing Company Limited adopted Interpretation 2007-052, Accounting for Bonuses to Employees, Directors and Supervisors, issued by the Accounting Research and Development Foundation of the Republic of China and relevant requirements promulgated by the Financial Supervisory Commission of the Executive Yuan.

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 years ended December 31, 2009 and 2008, and expressed an unqualified opinion with an explanatory paragraph relating to the adoption of the newly revised Statement of Financial Accounting Standard, Accounting for Inventories, and the adoption of Interpretation 2007-052, respectively, on such consolidated financial statements.

January 22, 2010

#### 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, 2009 AND 2008 (In Thousands of New Taiwan Dollars, Except Par Value)

	2009		2008		
ASSETS	Amount	%	Amount	%	
CURRENT ASSETS					
Cash and cash equivalents (Notes 2 and 4) Financial assets at fair value through profit or loss	\$ 117,043,543	20	\$ 138,208,360	26	
(Notes 2, 5 and 23) Held-to-maturity financial assets (Notes 2, 7 and	181,743		42,460		
23)	9,944,843	2	5,881,999	1	
Receivables from related parties (Note 24)	22,541,773	4	11,728,204	2	
Notes and accounts receivable	19,884,520	3	11,441,176	2	
Allowance for doubtful receivables (Notes 2 and 8) Allowance for sales returns and others (Notes 2	(431,000)		(436,746)		
and 8)	(8,583,632)	(1)	(5,868,582)	(1)	
Other receivables from related parties (Note 24)	246,003		489,742		
Other financial assets (Note 25)	1,104,072		711,755		
Inventories (Notes 2, 3 and 9)	18,830,216	3	12,807,936	2	
Deferred income tax assets (Notes 2 and 17)	4,063,410	1	3,650,700	1	
Prepaid expenses and other current assets	1,006,046		1,192,475		
Total current assets	185,831,537	32	179,849,479	33	
LONG-TERM INVESTMENTS (Notes 2, 6, 7, 10, 11 and 23)					
Investments accounted for using equity method	104,660,098	18	109,871,178	20	
Available-for-sale financial assets	1,046,672	1	2,032,658	1	
Held-to-maturity financial assets	12,219,055	2	11,761,325	2	
Financial assets carried at cost	501,988		519,502		
Total long-term investments	118,427,813	21	124,184,663	23	
PROPERTY, PLANT AND EQUIPMENT (Notes 2, 12 and 24) Cost					
Buildings	124,522,047	22	114,014,588	21	
Machinery and equipment	713,426,126	123	635,008,261	118	
Office equipment	10,781,099	2	9,748,869	2	
	848,729,272	147	758,771,718	141	
Accumulated depreciation	(627,764,323)	(109)	(557,247,254)	(103)	

Advance payments and construction in progress	33,786,577	6	17,758,038	3
Net property, plant and equipment	254,751,526	44	219,282,502	41
INTANGIBLE ASSETS	1.505.550		1.505.550	
Goodwill (Note 2)	1,567,756	1	1,567,756	1
Deferred charges, net (Notes 2 and 13)	5,891,685	1	6,401,461	1
Total intangible assets	7,459,441	1	7,969,217	1
OTHER ASSETS				
Deferred income tax assets (Notes 2 and 17)	7,763,643	1	6,497,972	1
Refundable deposits	2,698,116	1	2,719,737	1
Others (Note 2)	494,546		55,677	
Total other assets	10,956,305	2	9,273,386	2
TOTAL	\$ 577,426,622	100	\$ 540,559,247	100
	2009		2008	
LIABILITIES AND SHAREHOLDERS EQUITY	2009 Amount	%	2008 Amount	%
CURRENT LIABILITIES		%		%
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss	Amount	%	Amount	%
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23)	Amount \$		<b>Amount</b> \$ 83,618	
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable	<b>Amount</b> \$ 9,678,849	<b>%</b>	<b>Amount</b> \$ 83,618 4,314,265	<b>%</b>
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24)	\$ 9,678,849 2,039,342	2	\$ 83,618 4,314,265 1,202,350	1
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24) Income tax payable (Notes 2 and 17)	<b>Amount</b> \$ 9,678,849		<b>Amount</b> \$ 83,618 4,314,265	
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24)	\$ 9,678,849 2,039,342 8,761,120	2 2	\$ 83,618 4,314,265 1,202,350 9,222,811	1
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24) Income tax payable (Notes 2 and 17) Salary and bonus payable	\$ 9,678,849 2,039,342 8,761,120	2 2	\$ 83,618 4,314,265 1,202,350 9,222,811	1
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24) Income tax payable (Notes 2 and 17) Salary and bonus payable Accrued profit sharing to employees and bonus to directors (Notes 2, 3 and 19) Payables to contractors and equipment suppliers	\$ 9,678,849 2,039,342 8,761,120 8,677,299	2 2 1	\$ 83,618 4,314,265 1,202,350 9,222,811 1,601,897	1 2
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24) Income tax payable (Notes 2 and 17) Salary and bonus payable Accrued profit sharing to employees and bonus to directors (Notes 2, 3 and 19)	\$ 9,678,849 2,039,342 8,761,120 8,677,299 6,771,338	2 2 1	\$ 83,618 4,314,265 1,202,350 9,222,811 1,601,897 15,148,057	1 2 3
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24) Income tax payable (Notes 2 and 17) Salary and bonus payable Accrued profit sharing to employees and bonus to directors (Notes 2, 3 and 19) Payables to contractors and equipment suppliers Accrued expenses and other current liabilities (Notes 15	\$ 9,678,849 2,039,342 8,761,120 8,677,299 6,771,338 28,756,884	2 2 1 1 5	\$ 83,618 4,314,265 1,202,350 9,222,811 1,601,897 15,148,057 7,574,891	1 2 3 1
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24) Income tax payable (Notes 2 and 17) Salary and bonus payable Accrued profit sharing to employees and bonus to directors (Notes 2, 3 and 19) Payables to contractors and equipment suppliers Accrued expenses and other current liabilities (Notes 15 and 23)	\$ 9,678,849 2,039,342 8,761,120 8,677,299 6,771,338 28,756,884	2 2 1 1 5	\$ 83,618 4,314,265 1,202,350 9,222,811 1,601,897 15,148,057 7,574,891 5,951,578	1 2 3 1
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24) Income tax payable (Notes 2 and 17) Salary and bonus payable Accrued profit sharing to employees and bonus to directors (Notes 2, 3 and 19) Payables to contractors and equipment suppliers Accrued expenses and other current liabilities (Notes 15 and 23) Current portion of bonds payable (Notes 14 and 23)	\$ 9,678,849 2,039,342 8,761,120 8,677,299 6,771,338 28,756,884 7,886,263	2 2 1 1 5	\$ 83,618 4,314,265 1,202,350 9,222,811 1,601,897 15,148,057 7,574,891 5,951,578 8,000,000	1 2 3 1 1 2
CURRENT LIABILITIES Financial liabilities at fair value through profit or loss (Notes 2, 5 and 23) Accounts payable Payables to related parties (Note 24) Income tax payable (Notes 2 and 17) Salary and bonus payable Accrued profit sharing to employees and bonus to directors (Notes 2, 3 and 19) Payables to contractors and equipment suppliers Accrued expenses and other current liabilities (Notes 15 and 23) Current portion of bonds payable (Notes 14 and 23) Total current liabilities	\$ 9,678,849 2,039,342 8,761,120 8,677,299 6,771,338 28,756,884 7,886,263	2 2 1 1 5	\$ 83,618 4,314,265 1,202,350 9,222,811 1,601,897 15,148,057 7,574,891 5,951,578 8,000,000	1 2 3 1 1 2

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Total long-term liabilities	4,916,390	1	5,431,252	1
OTHER LIABILITIES Accrued pension cost (Notes 2 and 16) Guarantee deposits (Note 27) Deferred credits (Notes 2 and 24)	3,807,176 1,001,376 47,873	1	3,710,009 1,479,152 462,256	1
Total other liabilities	4,856,425	1	5,651,417	1
Total liabilities	82,343,910	14	64,182,136	12
CAPITAL STOCK NT\$10 PAR VALUE (Notes 19 and 21) Authorized: 28,050,000 thousand shares Issued: 25,902,706 thousand shares in 2009	250 027 044	45	256 254 252	45
25,625,437 thousand shares in 2008	259,027,066	45	256,254,373	47
CAPITAL SURPLUS (Notes 2 and 19)	55,486,010	10	49,875,255	9
RETAINED EARNINGS (Note 19) Appropriated as legal capital reserve Appropriated as special capital reserve Unappropriated earnings	77,317,710 104,564,972	13 18	67,324,393 391,857 102,337,417	13 19
	181,882,682	31	170,053,667	32
OTHERS (Notes 2, 21 and 23) Cumulative translation adjustments Unrealized gain/loss on financial instruments	(1,766,667) 453,621		481,158 (287,342)	
	(1,313,046)		193,816	
Total shareholders equity	495,082,712	86	476,377,111	88
TOTAL	\$ 577,426,622	100	\$ 540,559,247	100

The accompanying notes are an integral part of the financial statements. (With Deloitte & Touche audit report dated January 22, 2010)

# Taiwan Semiconductor Manufacturing Company Limited STATEMENTS OF INCOME FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2009 Amount	%	2008 Amount	%
GROSS SALES (Notes 2 and 24)	\$ 299,471,214		\$ 330,228,027	
SALES RETURNS AND ALLOWANCES (Notes 2 and 8)	13,728,346		8,460,944	
NET SALES	285,742,868	100	321,767,083	100
COST OF SALES (Notes 3, 9, 18 and 24)	159,106,619	56	183,589,540	57
GROSS PROFIT	126,636,249	44	138,177,543	43
REALIZED (UNREALIZED) GROSS PROFIT FROM AFFILIATES (Note 2)	(160,279)		72	
REALIZED GROSS PROFIT	126,475,970	44	138,177,615	43
OPERATING EXPENSES (Notes 18 and 24)				
Research and development	19,688,032	7	19,737,038	6
General and administrative	10,238,131	3	9,895,617	3
Marketing	2,027,454	1	2,254,728	1
Total operating expenses	31,953,617	11	31,887,383	10
INCOME FROM OPERATIONS	94,522,353	33	106,290,232	33
NON-OPERATING INCOME AND GAINS				
Settlement income (Note 27)	1,464,915	1	951,180	
Interest income (Note 2) Valuation gain on financial instruments, net (Notes 2,	1,117,374		2,728,892	1
5 and 23)	587,151			
Technical service income (Notes 24 and 27) Gain on settlement and disposal of financial assets,	375,118		619,237	
net (Notes 2 and 23)	53,364		452,159	
Foreign exchange gain, net (Note 2)			1,113,406	1

Equity in earnings of equity method investees, net (Notes 2 and 10) Others (Notes 2 and 24)	523,587		72,568 788,183	
Total non-operating income and gains	4,121,509	1	6,725,625	2
	-4-		(Co	ntinued)

# Taiwan Semiconductor Manufacturing Company Limited STATEMENTS OF INCOME FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2009		2008		
	Amount	%	Amount	%	
NON-OPERATING EXPENSES AND LOSSES					
Equity in losses of equity method investees, net					
(Notes 2 and 10)	\$ 2,695,720	1	\$		
Foreign exchange loss, net (Note 2)	630,455				
Interest expense	142,026		355,056		
Valuation loss on financial instruments, net (Notes 2,					
5 and 23)			1,230,966	1	
Impairment of financial assets (Notes 2 and 11)			247,488		
Loss on idle assets (Note 2)			210,477		
Others (Note 2)	194,639		213,052		
The state of the s	2.662.040	1	2 257 020		
Total non-operating expenses and losses	3,662,840	1	2,257,039	1	
INCOME BEFORE INCOME TAX	94,981,022	33	110,758,818	34	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		110,700,010		
INCOME TAX EXPENSE (Notes 2 and 17)	5,763,186	2	10,825,650	3	
NET INCOME	\$89,217,836	31	\$ 99,933,168	31	

	2009		2008	
	Before Income Tax	After Income Tax	Before Income Tax	After Income Tax
EARNINGS PER SHARE (NT\$, Note 22) Basic earnings per share	\$ 3.68	\$ 3.45	\$ 4.25	\$ 3.84
Diluted earnings per share	\$ 3.67	\$ 3.44	\$ 4.22	\$ 3.81

Certain pro forma information (after income tax) is shown as follows, based on the assumption that the Company s stock held by subsidiaries is treated as available-for-sale financial assets instead of treasury stock for the year ended December 31, 2008 (Notes 2 and 21):

2008 NET INCOME \$ 100,035,447

EARNINGS PER SHARE (NT\$)

Basic earnings per share	\$	3.84
Diluted earnings per share	\$	3.81
The accompanying notes are an integral part of the financial statements.		
(With Deloitte & Touche audit report dated January 22, 2010)	(Conc.)	luded)
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Taiwan Semiconductor Manufacturing Company Limited STATEMENTS OF CHANGES IN SHAREHOLDERS EQUITY FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars, Except Dividends Per Share)

	ck Common ock		Legal	Retain Special	ed Earnings		Cumulative	(Loss) on	
res (In		Capital	<b>Capital</b>	-	Unappropriated	i	Translation	Financial	Treas
usands)	Amount	Surplus	Reserve	Reserve	Earnings	Total	Adjustments	Instruments	
427,104	\$ 264,271,037	\$ 53,732,682	\$ 56,406,684	\$ 629,550	\$161,828,337	\$ 218,864,571	\$ (1,072,853)	\$ 680,997	\$ (49,38
			10,917,709		(10,917,709)				
				(237,693)	237,693				
					(3,939,883)	(3,939,883)	)		
393,988	3,939,883				(3,939,883)	(3,939,883)	1		
					(76,881,311)	(76,881,311)	,		
51,254	512,542				(512,542) (176,890)				
76,881	768,813	(768,813)							
		(137,063)			99,933,168	99,933,168			

Others Unrealized Gain

							1,554,011		
6,027	60,266	166,884							
		102,279							
								(233,915)	
								(734,424)	(30,42
329,817)	(13,298,168)	(3,220,714)			(63,293,563)	(63,293,563)			79,81
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 76,876	1,418,699 768,763	6,076,289 (768,763)							

89,217,836 89,217,836

115,418

(2,247,825)

7,272 72,722 187,811

14,014

726,949

902,706 \$259,027,066 \$55,486,010 \$77,317,710 \$

\$104,564,972 \$181,882,682 \$(1,766,667) \$ 453,621 \$

Note: Profit sharing to employees and bonus to directors in the amount of NT\$6,771,338 thousand and NT\$15,148,057 thousand, respectively, had been charged against earnings of 2009 and 2008. The accompanying notes are an integral part of the financial statements. (With Deloitte & Touche audit report dated January 22, 2010)

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## Taiwan Semiconductor Manufacturing Company Limited STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars)

	2009	2008
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$ 89,217,836	\$ 99,933,168
Adjustments to reconcile net income to net cash provided by operating	+ 0,,,000	+ /////
activities:		
Depreciation and amortization	74,327,868	74,569,562
Unrealized (realized) gross profit from affiliates	160,279	(72)
Amortization of premium/discount of financial assets	6,322	(97,381)
Impairment of financial assets	,	247,488
Gain on disposal of available-for-sale financial assets, net	(37,370)	(443,404)
Gain on held-to-maturity financial assets redeemed by the issuer	(16,091)	, , ,
Loss (gain) on disposal of financial assets carried at cost, net	97	(8,755)
Equity in losses (earnings) of equity method investees, net	2,695,720	(72,568)
Dividends received from equity method investees	1,402,592	1,804,351
Gain on disposal of property, plant and equipment and other assets, net	(138,613)	(298,769)
Loss on idle assets		210,477
Deferred income tax	(1,678,381)	2,361,261
Changes in operating assets and liabilities:		
Decrease (increase) in:		
Financial assets and liabilities at fair value through profit or loss	(222,901)	(164,405)
Receivables from related parties	(10,813,569)	14,973,444
Notes and accounts receivable	(8,443,344)	6,470,152
Allowance for doubtful receivables	(5,746)	(252,226)
Allowance for sales returns and others	2,715,050	2,011,897
Other receivables from related parties	235,470	43,835
Other financial assets	(392,317)	(380,057)
Inventories	(6,022,280)	8,179,206
Prepaid expenses and other current assets	290,470	(330,664)
Increase (decrease) in:		
Accounts payable	4,925,758	(5,171,553)
Payables to related parties	836,992	(1,797,280)
Income tax payable	(461,691)	(1,766,153)
Salary and bonus payable	7,075,402	(30,280)
Accrued profit sharing to employees and bonus to directors	(881,731)	15,148,057
Accrued expenses and other current liabilities	1,259,544	(3,112,220)
Accrued pension cost	97,167	52,330
Deferred credits	(230,487)	(129,494)
Net cash provided by operating activities	155,902,046	211,949,947

# CASH FLOWS FROM INVESTING ACTIVITIES

Acquisitions of:

Property, plant and equipment	(86,970,843)	(56,766,192)
Available-for-sale financial assets		(23,697,000)
Held-to-maturity financial assets	(10,803,805)	(12,371,965)
		(Continued)

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# Taiwan Semiconductor Manufacturing Company Limited STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars)

	2009	2008
Investments accounted for using equity method Financial assets carried at cost	\$ (320,443) (1,411)	\$ (494,765) (20,681)
Proceeds from disposal or redemption of: Available-for-sale financial assets Held-to-maturity financial assets Financial assets carried at cost Property, plant and equipment and other assets	1,037,370 6,293,000 18,828 71,850	45,584,934 15,004,000 10,606 2,042,899
Proceeds from return of capital by investees Cash from merger of subsidiaries Increase in deferred charges Decrease in refundable deposits	27,753 (1,347,228) 21,621	2,465,293 270,650 (3,199,813) 21,801
Net cash used in investing activities	(91,973,308)	(31,150,233)
CASH FLOWS FROM FINANCING ACTIVITIES Repayment of bonds payable Decrease in guarantee deposits Proceeds from exercise of employee stock options Cash dividends Profit sharing to employees in cash Bonus to directors Repurchase of treasury stock	(8,000,000) (477,776) 260,533 (76,876,312)	(761,525) 227,150 (76,881,311) (3,939,883) (176,890) (33,480,997)
Net cash used in financing activities	(85,093,555)	(115,013,456)
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	(21,164,817) 138,208,360	65,786,258 72,422,102
CASH AND CASH EQUIVALENTS, END OF YEAR	\$ 117,043,543	\$ 138,208,360
SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION Interest paid	\$ 351,803	\$ 355,056
Income tax paid	\$ 7,791,196	\$ 10,282,464

INVESTING AND FINANCING ACTIVITIES AFFECTING BOTH CASH
AND NON-CASH ITEMS

Acquisition of property, plant, and equipment Increase in payables to contractors and equipment suppliers Nonmonetary exchange trade-out price	\$ 108,592,471 \$ (21,620,819) (809)	58,951,343 (2,185,151)
Cash paid	\$ 86,970,843 \$	56,766,192
-8-		(Continued)

# Taiwan Semiconductor Manufacturing Company Limited STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars)

2009	2008
\$ 64,390 8,269 (809)	\$ 2,051,168 (8,269)
\$ 71,850	\$ 2,042,899
\$	\$ 30,427,413 3,053,584
\$	\$ 33,480,997
\$	\$ 8,000,000
\$ 769,144	\$ 1,026,421
	(Concluded)
	\$,269 (809) \$ 71,850 \$

Taiwan Semiconductor Manufacturing Company Limited NOTES TO FINANCIAL STATEMENTS FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (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 designing of integrated circuits and other semiconductor devices and the manufacturing of masks. 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, 2009 and 2008, the Company had 22,292 and 20,425 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.

#### 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 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 others 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, Assets Leased to Others and Idle Assets

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.

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 other charges. The amounts are amortized over the following periods: Technology license fees—the shorter of the estimated life of the technology or the term of the technology transfer contract; software and system design costs and other charges—3 years. 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 expenses 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.

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#### **Treasury Stock**

Treasury stock is stated at cost and shown as a deduction in shareholders—equity. When the Company retires treasury stock, the treasury stock account is reduced and the common stock as well as the capital surplus additional paid-in capital are reversed on a pro rata basis. When the book value of the treasury stock exceeds the sum of the par value and additional paid-in capital, the difference is charged to capital surplus—treasury stock transactions and to retained earnings for any remaining amount.

The Company s stock held by its subsidiaries is treated as treasury stock and reclassified from investments accounted for using equity method to treasury stock. The gains resulted from disposal of the treasury stock held by subsidiaries and cash dividends received by subsidiaries from the Company are recorded under capital surplus treasury stock transactions.

#### **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.

#### 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.

Effective January 1, 2008, the Company adopted Interpretation 2007-052, Accounting for Bonuses to Employees, Directors and Supervisors, issued in March 2007 by the ARDF, 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. The adoption of this interpretation resulted in a decrease in net income and earnings per share (after income tax and retroactively adjusted for the issuance of stock dividend) of NT\$12,627,332 thousand and NT\$0.48, respectively, for the year ended December 31, 2008.

Effective January 1, 2008, the Company adopted SFAS No. 39, Accounting for Share-based Payment, which requires companies to record share-based payment transactions in the financial statements at fair value. Such a change in accounting principle did not have any effect on the Company s financial statements as of and for the year ended December 31, 2008.

#### 4. CASH AND CASH EQUIVALENTS

	December 31	
	2009	2008
Cash and deposits in banks Repurchase agreements collateralized by government bonds	\$114,023,307 3,020,236	\$ 129,538,047 8,670,313
	\$ 117,043,543	\$ 138,208,360

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

	December 31	
Trading financial assets	2009	2008
Forward exchange contracts Cross currency swap contracts	\$ 181,743	\$ 28,411 14,049
	\$181,743	\$ 42,460
Trading financial liabilities		
Forward exchange contracts Cross currency swap contracts	\$	\$ 34,243 49,375
	\$	\$83,618

The Company entered into derivative contracts during the years ended December 31, 2009 and 2008 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:

	Maturity Date	Contract Amount (In Thousands)
December 31, 2008		
Sell US\$/Buy NT\$	January 2009 to February 2009	US\$135,000/NT\$4,430,925
Sell EUR/Buy NT\$	January 2009	EUR1,500/NT\$63,150
Outstanding cross currency swap cor	ntracts consisted of the following:	

Range of

	<b>Contract Amount</b>	Range of Interest Rates	<b>Interest Rates</b>
<b>Maturity Date</b>	(In Thousands)	Paid	Received
December 31, 2009			
January 2010 to February 2010	US\$ 750,000/NT\$24,201,706	0.24%-0.70%	0.00%-0.38% (Continued)
	-16-		(Continued)

Contract Amount Maturity Date (In Thousands)		Range of Interest Rates Paid	Range of Interest Rates Received
December 31, 2008			
January 2009	US\$ 307,000/NT\$10,061,232	0.54%-5.00%	0.00%-3.83% (Concluded)

For the years ended December 31, 2009 and 2008, changes in fair value related to derivative financial instruments recognized in earnings was a net gain of NT\$587,151 thousand and a net loss of NT\$1,230,966 thousand, respectively.

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

	Decen	December 31	
	2009	2008	
Corporate bonds	\$ 1,046,672	\$ 2,032,658	

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

	December 31	
	2009	2008
Corporate bonds	\$12,266,311	\$ 16,136,752
Structured time deposits	7,000,000	
Government bonds	2,897,587	1,506,572
	22,163,898	17,643,324
Current portion	(9,944,843)	(5,881,999)
	\$ 12,219,055	\$11,761,325

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

	Principal  Amount	Interest Receivable	Range of Interest Rates	Maturity Date
December 31, 2009				
Callable domestic deposits	\$ 7,000,000	\$ 4,308	0.36%-0.95%	July 2010 to August 2011

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

Movements of the allowance for doubtful receivables were as follows:

		Years Ended I 2009	Years Ended December 31 2009 2008	
Balance, beginning of year Provision		\$ 436,746 238,061	\$ 688,972	
Write-off		(243,807)	(252,226)	
Balance, end of year		\$ 431,000	\$ 436,746	
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Movements of the allowance for sales returns and others were as follows:

	Years Ended 1	Years Ended December 31		
	2009	2008		
Balance, beginning of year	\$ 5,868,582	\$ 3,856,685		
Provision	13,728,346	8,460,944		
Write-off	(11,013,296)	(6,449,047)		
Balance, end of year	\$ 8,583,632	\$ 5,868,582		
Bulance, end of year	φ 0,202,022	Ψ ε,000,ε02		

#### 9. INVENTORIES

	Decem	December 31		
	2009	2008		
Finished goods	\$ 2,355,232	\$ 4,444,657		
Work in process	14,230,318	7,117,049		
Raw materials	1,420,466	716,870		
Supplies and spare parts	824,200	529,360		
	\$ 18,830,216	\$ 12,807,936		

Write-down of inventories to net realizable value in the amount of NT\$199,732 thousand and NT\$879,434 thousand, respectively, were included in the cost of sales for the years ended December 31, 2009 and 2008.

# 10. INVESTMENTS ACCOUNTED FOR USING EQUITY METHOD

	December 31			
	2009		2008	
		% of		% of
	Carrying Amount	Owner- ship	Carrying Amount	Owner- ship
TSMC Global Ltd. (TSMC Global)	\$45,397,256	100	\$45,756,519	100
TSMC Partners, Ltd. (TSMC Partners)	32,545,619	100	3,730,913	100
Vanguard International Semiconductor Corporation				
(VIS)	9,365,232	37	9,787,275	37
Systems on Silicon Manufacturing Company Pte				
Ltd. (SSMC)	6,157,141	39	6,808,192	39
TSMC China Company Limited (TSMC China)	2,961,043	100	6,267,128	100
TSMC North America	2,723,727	100	2,435,666	100
Xintec Inc. (Xintec)	1,475,014	41	1,506,384	42
VentureTech Alliance Fund III, L.P. (VTAF III)	1,309,615	98	1,305,605	98
VentureTech Alliance Fund II, L.P. (VTAF II)	1,122,810	98	975,367	98
Global UniChip Corporation (GUC)	983,126	35	950,263	36
Emerging Alliance Fund, L.P. (Emerging Alliance)	305,866	99	433,481	99

Taiwan Semiconductor Manufacturing Company Europe B.V. (TSMC Europe)

159,467

100

124,594

100 (Continued)

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	December 31						
		2009			2008	2008	
		arrying Amount	% of Owner- ship		Carrying Amount	% of Owner- ship	
TSMC Japan Limited (TSMC Japan)	\$	135,663	100	\$	137,617	100	
TSMC Korea Limited (TSMC Korea) TSMC International Investment Ltd. (TSMC		18,519	100		15,117	100	
International)				2	29,637,057	100	
	\$ 10	)4,660,098		\$ 10	09,871,178		

(Concluded)

The Company will subscribe through a private placement for new shares of Motech Industries Inc. (Motech) under a Share Subscription Agreement entered into on December 9, 2009. The total consideration is approximately NT\$6.2 billion (US\$193 million). After the subscription of shares, the Company will own 20% of the Motech shares. The transaction is still subject to Motech shares approval and regulatory approval.

TSMC Partners and TSMC International were both 100% owned subsidiaries of the Company. To simplify the organization structure of investment, TSMC Partners merged TSMC International in June 2009.

Chi Cherng and Hsin Ruey, both 100% owned subsidiaries of the Company, were engaged in investing activities. To simplify the organization structure of investment, the Company merged Chi Cherng and Hsin Ruey into the Company in the third quarter of 2008.

For the years ended December 31, 2009 and 2008, equity in earnings/losses of equity method investees was a net loss of NT\$2,695,720 thousand and a net gain of NT\$72,568 thousand, respectively. Related equity in earnings/losses of equity method investees were determined based on the audited financial statements, except those of TSMC Japan, TSMC Europe and TSMC Korea for the year ended December 31, 2009. The Company believes that, had TSMC Japan, TSMC Europe and TSMC Korea s financial statements been audited, any adjustments arising would have had no material effect on the Company s financial statements.

As of December 31, 2009 and 2008, fair values of publicly traded stocks in investments accounted for using equity method (VIS and GUC) were NT\$18,027,990 thousand and NT\$9,889,107 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	Years Ended December 31		
	2009	2008		
Balance, beginning of year	2,053,253	\$ 2,677,388		
Amortization	(624,135)	(624,135)		
Balance, end of year	\$ 1,429,118	\$ 2,053,253		

Movements of the aforementioned difference allocated to goodwill were as follows:

	Years Ended December 31			
	2009	2008		
Balance, beginning of year From merger of subsidiaries	\$ 1,061,885	\$ 987,349 74,536		
Balance, end of year	\$ 1,061,885	\$ 1,061,885		

### 11. FINANCIAL ASSETS CARRIED AT COST

	Decen	December 31		
	2009	2008		
Non-publicly traded stocks	\$ 338,584	\$ 357,509		
Mutual funds	163,404	161,993		
	\$ 501,988	\$519,502		

For the year ended December 31 2008, the Company recognized impairment of financial assets carried at cost of NT\$247,488 thousand.

## 12. PROPERTY, PLANT AND EQUIPMENT

Year E	Ended	<b>December</b>	31.	2009
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	Balance, Beginning of Year	Additions	Disposals	Recla	ssification	Balance, End of Year
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

## Year Ended December 31, 2008

	Balance, Beginning of	Additions			Balance,
	Year	(Deductions)	Disposals	Reclassification	<b>End of Year</b>
Cost					
Buildings	\$ 101,907,892	\$ 12,115,531	\$ (8,524)	\$ (311)	\$ 114,014,588
Machinery and equipment	589,131,625	49,396,313	(3,385,502)	(134,175)	635,008,261
Office equipment	9,167,107	764,414	(182,709)	57	9,748,869
	700,206,624	\$ 62,276,258	\$ (3,576,735)	\$ (134,429)	758,771,718
Accumulated depreciation					
Buildings	57,349,828	\$ 8,010,214	\$ (8,524)	\$ (4)	65,351,514
Machinery and equipment	422,278,071	63,145,978	(1,258,542)	(119,347)	484,046,160
Office equipment	7,097,120	935,140	(182,706)	26	7,849,580
	486,725,019	\$ 72,091,332	\$ (1,449,772)	\$ (119,325)	557,247,254
Advance payments and construction in progress	21,082,953	\$ (3,324,915)	\$	\$	17,758,038
	\$ 234,564,558				\$ 219,282,502

No interest was capitalized during the years ended December 31, 2009 and 2008.

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## 13. DEFERRED CHARGES, NET

	Balance, Beginning of Year	Additions	An	nortization	Dispos	alsReclassification	Balance, End of Year
Technology license fees Software and system	\$ 3,786,251	\$	\$	(806,450)	\$	\$	\$ 2,979,801
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

## Year Ended December 31, 2008

Balance,
Beginning
of

	of					Balance, End of
	Year	Additions	Amortization	<b>Disposals</b>	Reclassification	Year
Technology license						
fees	\$ 5,349,937	\$	\$ (1,563,686)	\$	\$	\$ 3,786,251
Software and system						
design costs	1,309,272	945,279	(680,474)	(14,279)	59	1,559,857
Patent and others	513,204	733,342	(191,193)			1,055,353
	\$7,172,413	\$ 1,678,621	\$ (2,435,353)	\$ (14,279)	\$ 59	\$ 6,401,461

### 14. BONDS PAYABLE

	December 31		
	2009	2008	
Domestic unsecured bonds:			
Issued in January 2002 and repayable in January 2009 and 2012 in two			
installments, 2.75% and 3.00% interest payable annually, respectively	\$4,500,000	\$ 12,500,000	
Current portion		(8,000,000)	
	\$4,500,000	\$ 4,500,000	

### 15. OTHER LONG-TERM PAYABLES

The Company s long-term payables mainly resulted from license agreements for certain semiconductor-related patents. As of December 31, 2009, future payments for other long-term payables were as follows:

Year of Payment	Amount
2010 2011	\$ 769,144 416,390
Current portion (classified under accrued expenses and other current liabilities)	1,185,534 (769,144)
	\$ 416,390
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#### 16. 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\$608,731 thousand and NT\$657,870 thousand for the years ended December 31, 2009 and 2008, 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

	2009	2008
Service cost	\$ 166,460	\$ 151,603
Interest cost	149,297	170,025
Projected return on plan assets	(56,170)	(67,315)
Amortization	29,134	3,776
Net periodic pension cost	\$ 288,721	\$ 258,089

b. Reconciliation of funded status of the plans and accrued pension cost at December 31, 2009 and 2008

1 1	2009	2008
Benefit obligation		
Vested benefit obligation	\$ 123,524	\$ 114,930
Nonvested benefit obligation	3,754,388	4,146,366
Accumulated benefit obligation	3,877,912	4,261,296
Additional benefits based on future salaries	2,614,358	3,245,483
Projected benefit obligation	6,492,270	7,506,779
Fair value of plan assets	(2,612,295)	(2,441,687)
Funded status	3,879,975	5,065,092
Unrecognized net transition obligation	(91,291)	(99,591)
Prior service cost	161,977	169,216
Unrecognized net loss	(143,485)	(1,424,708)
Accrued pension cost	\$ 3,807,176	\$ 3,710,009

	Vested benefit	\$ 135,501	\$ 126,259
c.	Actuarial assumptions at December 31, 2009 and 2008		
	Discount rate used in determining present values	2.25%	2.00%
	Future salary increase rate Expected rate of return on plan assets	3.00% 1.50%	3.00% 2.25%
d.	Contributions to the Funds for the year	\$ 191,554	\$ 202,263
e.	Payments from the Funds for the year	\$ 37,801	\$ 28,990
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### 17. INCOME TAX

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

	Years Ended 2009	December 31 2008
Income tax expense based on income before income tax at statutory rate (25%) Tax effect of the following:	\$ 23,745,246	\$ 27,689,695
Tax-exempt income	(8,621,941)	(9,610,935)
Temporary and permanent differences	3,124,974	1,815,594
Others	247,050	41,235
Income tax credits used	(9,914,570)	(10,967,795)
Income tax currently payable	\$ 8,580,759	\$ 8,967,794
b. Income tax expense consisted of the following:		
	Years Ended 2009	December 31 2008
Income tax currently payable	\$ 8,580,759	\$ 8,967,794
Income tax adjustments on prior years	(1,155,113)	(707,255)
Other income tax adjustments	15,921	203,850
Net change in deferred income tax assets	13,721	203,030
Investment tax credits	(1,119,523)	1,224,537
Temporary differences	41,456	(1,792,789)
Valuation allowance	(600,314)	2,929,513
variation anowance	(000,314)	2,929,313
Income tax expense	\$ 5,763,186	\$ 10,825,650
c. Net deferred income tax assets consisted of the following:		
	Decem 2009	aber 31 2008
Current deferred income tax assets Investment tax credits Temporary differences	\$ 3,210,254	\$ 2,791,000
Allowance for sales returns and others	794,507	710,098
Others	58,649	149,602
	20,012	117,002
	\$ 4,063,410	\$ 3,650,700
Noncurrent deferred income tax assets Investment tax credits	\$11,521,487	\$ 10,821,218

Temporary differences Depreciation Others Valuation allowance		1,909,152 132,336 (5,799,332)	1,625,499 450,901 (6,399,646)
	-23-	\$ 7,763,643	\$ 6,497,972

In May 2009, the amendment of Article 5 of the Income Tax Law of the Republic of China announced that the income tax rate of profit-seeking enterprises will be reduced from 25% to 20%, and will be effective starting in 2010. The Company recalculated its deferred tax assets in accordance with the amended Article and adjusted the resulting difference as an income tax expense.

### d. Integrated income tax information:

The balance of the imputation credit account as of December 31, 2009 and 2008 were NT \$369,265 thousand and NT\$521,634 thousand, respectively.

The estimated and actual creditable ratios for distribution of earnings of 2009 and 2008 was 0.35% and 9.10%, 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, 2009, 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	\$ 579,804 1,216,551 4,644,652 3,457,388 3,310,922	\$ 3,457,388 3,310,922	2009 2010 2011 2012 2013
Statute for Upgrading Industries	Research and development expenditures	\$ 13,209,317 \$ 2,663,784 2,671,264 2,691,517 3,250,265	\$ 6,768,310 \$ 1,971,732 2,691,517 3,250,265	2010 2011 2012 2013
Statute for Upgrading Industries	Personnel training expenditures	\$ 11,276,830 \$ 23,146 19,293 30,624	\$ 7,913,514 \$ 19,293 30,624	2010 2011 2012

		\$ 73,063	\$ 49,917	
Statute for Upgrading Industries	Investments in important technology-based enterprises	\$ 7,297 79,804	\$	2009 2010
		\$ 87,101	\$	
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g. The profits generated from the following projects are exempt from income tax for a five-year period:

### **Tax-exemption Period**

Construction of Fab 14	Module A	2006 to 2010
Construction of Fab 12	Module B and expansion of Fab 14 Module A	2007 to 2011
Construction of Fab 14	Module B and expansion of Fab 12 and others	2008 to 2012

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.

## 18. LABOR COST, DEPRECIATION AND AMORTIZATION

Year	Ended	December	31,	2009

		Classified as	
	Classified		
	as	Operating	
	Cost of		
	Sales	Expenses	Total
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
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

### Year Ended December 31, 2008 Classified as

		Classifica as	
	Classified as Cost of	Operating	
	Sales	Expenses	Total
Labor cost			
Salary and bonus	\$ 17,088,512	\$ 11,989,661	\$29,078,173
Labor and health insurance	677,817	379,196	1,057,013
Pension	587,281	328,669	915,950
Meal	437,910	174,906	612,816
Welfare	174,641	100,989	275,630
Others	190,323	15,979	206,302

	\$ 19,156,484	\$ 12,989,400	\$ 32,145,884
Depreciation	\$ 68,373,886	\$ 3,701,241	\$72,075,127
Amortization	\$ 1,771,919	\$ 663,434	\$ 2,435,353

## 19. SHAREHOLDERS EQUITY

As of December 31, 2009, 1,097,513 thousand ADSs of the Company were traded on the NYSE. The number of common shares represented by the ADSs is 5,487,565 thousand (one ADS represents five common shares).

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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:

	December 31		
	2009	2008	
Additional paid-in capital	\$ 23,457,805	\$ 17,962,468	
From merger	22,805,390	22,805,390	
From convertible bonds	8,893,190	8,893,190	
From long-term investments	329,570	214,152	
Donations	55	55	
	\$ 55,486,010	\$49,875,255	

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 has recorded profit sharing to employees as a charge to earnings of approximately 7.5% and 15% of net income for the years ended December 2009 and 2008, 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 2008 and 2007 had been approved in the shareholders meetings held on June 10, 2009 and June 13, 2008, respectively. The appropriations and dividends per share were as follows:

	Appropriation of Earnings		Dividends Per (NT\$)			
	For Fiscal Year 2008	For Fiscal Year 2007	For Fiscal Year 2008	F	For Tiscal Year 2007	
Legal capital reserve Special capital reserve Profit sharing to employees in cash Profit sharing to employees in stock Cash dividends to shareholders Stock dividends to shareholders Bonus to directors	\$ 9,993,317 (391,857) 76,876,312 512,509	\$ 10,917,709 (237,693) 3,939,883 3,939,883 76,881,311 512,542 176,890	\$ 3.00 0.02	\$	3.00 0.02	
	\$ 86,990,281	\$ 96,130,525				

Profit sharing to employees that have been 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 10, 2009. The profit sharing to employee in stock of 141,870 thousand shares 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 10, 2009 and same amount had been charged against earnings of 2008.

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. The aforementioned capital increase had taken effect on July 21, 2009.

As of January 22, 2010, the Board of Directors has not resolved the appropriation for earnings of 2009.

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, 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.

#### 20. 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 exercisable. 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, 2009.

Information about outstanding options for the years ended December 31, 2009 and 2008 was as follows:

	Number of	Weighted- average Exercise Price	
	Options (In		
	Thousands)	(NT\$)	
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	
Year ended December 31, 2008			
Balance, beginning of year	41,875	35.6	
Options granted	767	35.2	
Options exercised	(6,027)	37.7	
Options canceled	(381)	46.5	
Balance, end of year	36,234	35.3	

The numbers of outstanding options and exercise prices have been adjusted to reflect the distribution of earnings in accordance with the plans. The options granted were the result of the aforementioned adjustment.

As of December 31, 2009, information about outstanding options was as follows:

		Options Outstanding Weighted-average Remaining	Weigh	ted-average
Range of Exercise	Number of Options (In	Contractual Life	J	cise Price
Price (NT\$)	Thousands)	(Years)	(	NT\$)
\$ 22.8-\$32.0	21,179	3.18	\$	29.1
38.0- 50.1	7,631	4.88		45.5
	28,810	3.63		33.5

As of December 31, 2009, all of the above outstanding options were exercisable.

No compensation cost was recognized under the intrinsic value method for the years ended December 31, 2009 and 2008. Had the Company used the fair value based method to evaluate the options using the Black-Scholes model, the assumptions and pro forma results of the Company for the years ended December 31, 2009 and 2008 would have been as follows:

	Years Ended December 31			nber 31
		2009		2008
Assumptions:				
Expected dividend yield	1.	00%-3.44%		1.00%-3.44%
Expected volatility	43.7	7%-46.15%	۷	13.77%-46.15%
Risk free interest rate	3.	07%-3.85%		3.07%-3.85%
Expected life		5 years		5 years
Net income:				
Net income as reported	\$ 8	9,217,836	\$	99,933,168
Pro forma net income	8	8,838,182		100,037,622
Earnings per share (EPS) after income tax (NT\$):				
Basic EPS as reported	\$	3.45	\$	3.84
Pro forma basic EPS		3.44		3.84
Diluted EPS as reported		3.44		3.81
Pro forma diluted EPS		3.43		3.81
21. TREASURY STOCK				

#### 21. TREASURY STOCK

(Shares in Thousands)

Veen and ad December 21, 2009	Beginning Shares	Addition	Stock Dividends	Retirement	Ending Shares
Year ended December 31, 2008					
Parent company stock held by					
subsidiaries	34,096		171	34,267	
Repurchase under share buyback					
plan	800,000	495,549		1,295,549	

834,096 495,549 171 1,329,816

The Company held a meeting of the Board of Directors on November 13, 2007 and approved a share buyback plan to repurchase the Company s common shares up to 800,000 thousand shares listed on the TSE during the period from November 14, 2007 to January 13, 2008 for the buyback price in the range from NT\$43.2 to NT\$94.2. The Company had repurchased 800,000 thousand common shares. All the treasury stock repurchased under this share buyback plan was retired in February 2008.

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The Company held a meeting of the Board of Directors on May 13, 2008 and approved a share buyback plan to repurchase the Company s common shares up to 500,000 thousand shares listed on the TSE during the period from May 14, 2008 to July 13, 2008 for the buyback price in the range from NT\$48.25 to NT\$100.50. The Company had repurchased 216,674 thousand common shares. All the treasury stock repurchased under this share buyback plan was retired in August 2008.

The Company held a meeting of the Board of Directors on August 12, 2008 and approved a share buyback plan to repurchase the Company s common shares up to 283,000 thousand shares listed on the TSE during the period from August 13, 2008 to October 12, 2008 for the buyback price in the range from NT\$42.85 to NT\$86.20. The Company had repurchased 278,875 thousand common shares. All the treasury stock repurchased under this share buyback plan was retired in November 2008.

As discussed in Note 10, the Company merged Chi Cherng and Hsin Ruey in the third quarter of 2008. The Company s common shares held by Chi Cherng and Hsin Ruey in the number of 34,267 thousand shares were retired in August 2008.

#### 22. EARNINGS PER SHARE

EPS is computed as follows:

	Amounts (No Before	umerator) After			(NT\$) After Income
Year ended December 31, 2009	<b>Income Tax</b>	<b>Income Tax</b>	Thousands)	Tax	Tax
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			77,801		
Diluted EPS Earnings available to common shareholders (including effect of dilutive potential common shares)	\$ 94,981,022	\$ 89,217,836	25,913,603	\$ 3.67	\$ 3.44
Year ended December 31, 2008					
Basic EPS Earnings available to common shareholders	\$ 110,758,818	\$ 99,933,168	26,039,186	\$ 4.25	\$ 3.84
Effect of dilutive potential common shares			196,493		

Diluted EPS Earnings available to common shareholders (including effect of dilutive potential common shares)

\$110,758,818 \$99,933,168 26,235,679 \$4.22 \$3.81

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As discussed in Note 3, 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 retroactively adjusted for the issuance of stock dividends. This adjustment caused both of the basic and diluted after income tax EPS for the year ended December 31, 2008 to decrease from NT\$3.86 to NT\$3.84 and NT\$3.83 to NT\$3.81, respectively.

#### 23. DISCLOSURES FOR FINANCIAL INSTRUMENTS

a. Fair values of financial instruments were as follows:

	December 31						
	20	009	20	2008			
	Carrying		Carrying				
	Amount	Fair Value	Amount	Fair Value			
Assets							
Financial assets at fair value through							
profit or loss	\$ 181,743	\$ 181,743	\$ 42,460	\$ 42,460			
Available-for-sale financial assets	1,046,672	1,046,672	2,032,658	2,032,658			
Held-to-maturity financial assets	22,163,898	22,251,517	17,643,324	17,674,733			
Liabilities							
Financial liabilities at fair value through							
profit or loss			83,618	83,618			
Bonds payable (including current							
portion)	4,500,000	4,574,979	12,500,000	12,612,423			
Other long-term payables (including							
current portion)	1,185,534	1,185,534	1,957,673	1,957,673			

- 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, 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, fair values of financial assets at fair value through profit or loss, 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) Fair value of the bonds payable was based on their quoted market price.
- 5) Fair value of other long-term payables was based on the present value of expected cash flows, which approximates their carrying amount.

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- c. The changes in fair value of derivatives contracts which were outstanding as of December 31, 2009 and 2008 estimated using valuation techniques were recognized as net gains of NT\$181,743 thousand and net losses of NT\$41,158 thousand, respectively.
- d. As of December 31, 2009 and 2008, financial assets exposed to fair value interest rate risk were NT\$23,392,313 thousand and NT\$19,718,442 thousand, respectively and financial liabilities exposed to fair value interest rate risk were NT\$4,500,000 thousand and NT\$12,583,618 thousand, respectively.
- e. Movements of the unrealized gains or losses on financial instruments for the years ended December 31, 2009 and 2008 were as follows:

	Year Ended December 31, 2009				
	From Available- for-sale	sal	From ailable-for- e Financial ssets Held		
	Financial Assets		by Investees	Total	
Balance, beginning of year Recognized directly in shareholders equity Removed from shareholders equity and recognized in earnings	\$ 32,658 51,384 (37,370)	\$	(320,000) 726,949	\$ (287,342) 778,333 (37,370)	
Balance, end of year	\$ 46,672	\$	406,949	\$ 453,621	

	Year l	, 2008		
	From Available- for-sale	sal	From ailable-for- e Financial ssets Held	
	Financial Assets	I	by nvestees	Total
Balance, beginning of year Recognized directly in shareholders equity Removed from shareholders equity and recognized in earnings	\$ 266,573 209,489 (443,404)	\$	414,424 (734,424)	\$ 680,997 (524,935) (443,404)
Balance, end of year	\$ 32,658	\$	(320,000)	\$ (287,342)

- 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 exchange rate fluctuations of foreign-currency assets and liabilities; therefore, the market 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; therefore, the fluctuations in market interest rates will result in changes in fair values of these debt securities. Subject to turmoil in the global financial market, the Company had evaluated its financial instruments and the Company believed the

exposure to market risk as of December 31, 2009 was not significant.

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- 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. Subject to turmoil in the global financial market, 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 as of December 31, 2009 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

TSMC Korea

#### 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:

		2009		2008			
	1	Amount	<b>%</b>		Amount	<b>%</b>	
For the year							
Sales							
TSMC North America	\$ 10	61,251,368	54	\$ 1	92,986,719	58	
Others		2,231,343	1		1,814,440	1	
	\$ 10	63,482,711	55	\$ 1	94,801,159	59	
Purchases							
WaferTech	\$	5,560,707	18	\$	8,207,876	22	
TSMC China	Ψ	3,787,113	12	Ψ	4,717,676	12	
SSMC		3,537,659	11		4,441,795	12	
VIS		3,312,656	10		3,209,028	8	
	\$	16,198,135	51	\$	20,576,375	54	
Manufacturing expenses	¢	26 101		¢			
Xintec (rent and outsourcing) VisEra (outsourcing)	\$	36,101 35,737		\$	72,174		
	\$	71,838		\$	72,174		
Marketing expenses commission							
TSMC Europe	\$	325,463	16	\$	367,846	16	
TSMC Japan	·	233,855	12	'	251,367	11	
Others		24,726	1		16,408	1	
	\$	584,044	29	\$	635,621	28	
Research and development expenses TSMC Technology (primarily consulting fee)	\$	409,686	2	\$	352,900	2	
TSMC Canada (primarily consulting fee)	Ψ	157,527	1	Ψ	172,291	1	
Others		49,251	1		19,934	1	
	\$	616,464	3	\$	545,125	3	
	Ψ	010,101		Ψ	C .C,120	3	

Sales of property, plant and equipment					
Xintec	\$	58,450	91	\$	
TSMC China		595	1	1,849,317	91
Other		263		10,843	
	\$	59,308	92	\$ 1,860,160	91
	-34-				

	I	2009 Amount	%		2008 Amount	%
Non-operating income and gains						
VIS (primarily technical service income, see Note						
27e)	\$	224,740	5	\$	296,250	4
TSMC China		184,626	4		297,418	5
SSMC (primarily technical service income, see Note 27d)		1/1 /00	3		244,865	4
VisEra		141,488	3		100,821	4 1
Others		263			178	1
	\$	551,117	12	\$	939,532	14
As of December 31						
Receivables						
TSMC North America	\$2	2,203,242	98	\$	11,512,777	98
Others	·	338,531	2	·	215,427	2
	\$ 2	22,541,773	100	\$	11,728,204	100
	Ψ =	2,5 11,775	100	Ψ	11,720,201	100
0.1						
Other receivables TSMC China	\$	111,103	45	\$	112,933	23
VIS	φ	81,663	33	Ψ	42,969	9
SSMC		39,629	16		56,949	12
TSMC North America		8,676	4		256,624	52
Others		4,932	2		20,267	4
	\$	246,003	100	\$	489,742	100
Payables	¢.	5(1.1(5	27	ф	171 000	1.4
WaferTech VIS	\$	561,165 529,060	27 26	\$	171,089 317,491	14 26
TSMC China		481,500	24		117,417	10
SSMC		238,741	12		162,807	14
TSMC Technology		109,220	5		41,904	3
TSMC North America		4,222			327,250	28
Others		115,434	6		64,392	5
	\$	2,039,342	100	\$	1,202,350	100

Deferred credits TSMC China

\$ 7,970 17 \$ 183,896

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 classified under manufacturing expenses.

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

The Company leased certain buildings and facilities to VisEra. The rental income was classified under non-operating income and gains. The lease terms and prices were determined in accordance with mutual agreements. The lease agreement between the Company and VisEra expired in April 2008.

Compensation of directors and management personnel:

	Years Ended December 31		
	2009	2008	
Salaries, incentives and special compensation	\$ 588,508	\$ 272,325	
Bonus	411,358	705,376	
	\$ 999,866	\$ 977,701	
	Ψ 777,000	Ψ ///,/01	

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, 2009 includes estimated profit sharing to employees and bonus to directors of the Company that relate to 2009 but will be paid in the following year. The actual amount will be finalized and approved upon the resolution of the shareholders meeting in 2010. The total compensation for the year ended December 31, 2008 included the bonuses appropriated from earnings of 2008 which was approved by the shareholders meeting held in 2009.

### 25. PLEDGED OR MORTGAGED ASSETS

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

#### 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 March 2010 to December 2029 and can be renewed upon expiration.

As of December 31, 2009, future lease payments were as follows:

Year	Amount
2010	\$ 355,842
2011	353,566
2012	353,566
2013	331,921
2014	318,935
2015 and thereafter	2,754,388

\$4,468,218

#### 27. SIGNIFICANT COMMITMENTS AND CONTINGENCIES

Significant commitments and contingencies of the Company as of December 31, 2009, 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, 2009 the Company had a total of US\$29,582 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.
- f. TSMC, TSMC North America and WaferTech filed a series of lawsuits in late 2003 and 2004 against Semiconductor Manufacturing International Corporation, SMIC (Shanghai) and SMIC Americas (aggregately referring to as SMIC). The lawsuits alleged that SMIC infringed multiple TSMC, TSMC North America and WaferTech patents and misappropriated TSMC, TSMC North America and WaferTech s trade secrets. These suits were settled out of court on January 30, 2005. As part of the settlement, Semiconductor Manufacturing International Corporation shall pay US\$175 million over six years to resolve TSMC, TSMC North America and WaferTech s claims. As of December 31, 2009, SMIC had paid US\$135 million in accordance with the terms of this settlement agreement. In August 2006, TSMC, TSMC North America and WaferTech filed a lawsuit against SMIC in Alameda County Superior Court in California for breach of aforementioned settlement agreement, breach of promissory notes and trade secret misappropriation, seeking injunctive relief and monetary damages. In September 2006, SMIC filed a cross-complaint against TSMC,

TSMC North America and WaferTech in the same court, alleging TSMC, TSMC North America and WaferTech of breach of the settlement agreement and implied covenant of good faith and fair dealing, in response to TSMC, TSMC North America and WaferTech s August complaint. In November 2006, SMIC filed a complaint with Beijing People s High Court against TSMC, TSMC North America and WaferTech alleging defamation and breach of good faith. The California State Superior Court of Alameda County issued an Order on

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TSMC, TSMC North America and WaferTech s pre-trial motion for a preliminary injunction against SMIC on September 7, 2007. In the Order, the Court found TSMC has demonstrated a significant likelihood that it will ultimately prevail on the merits of its claim for breach of certain paragraphs of the (2005) Settlement Agreement with SMIC. The Court also found TSMC has demonstrated a significant probability of establishing that SMIC retains and is using TSMC Information in SMIC s 0.13um and smaller technologies, and there is significant threat of serious irreparable harm to TSMC if SMIC were to disclose or transfer that information before final resolution of the case. Therefore, the Court ordered that, effective immediately, SMIC must provide advance notice and an opportunity for TSMC, TSMC North America and WaferTech to object before disclosing items enumerated in the Court Order to SMIC s third party partners. The Court, however, did not grant a preliminary injunction as requested by TSMC, TSMC North America and WaferTech. In January 2009, the court in the California action held a four-day bench trial to determine whether a Settlement Agreement existed between the parties, and if there were an agreement, the interpretation of certain terms. SMIC contended that there was no binding Settlement Agreement, and TSMC, TSMC North America and WaferTech contended that the Settlement Agreement signed on January 30, 2005 and finalized shortly thereafter and repeatedly ratified bound the parties. On March 10, 2009, the Court issued its Statement of Decision. The Court rejected SMIC s contention, and found that the parties were bound by the Settlement Agreement identified by TSMC, TSMC North America and WaferTech. The Court also interpreted the meaning of certain provisions within the Settlement Agreement. Regarding the claims raised by SMIC in the Beijing lawsuit, the Beijing People s High Court has on June 10, 2009 rejected those claims and dismissed the 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, TSMC North America and WaferTech s trade secrets. TSMC, TSMC North America and WaferTech have 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, TSMC North America and WaferTech in the California action, and to the dismissal of SMIC s appeal against the Beijing High Court s finding in favor of TSMC, TSMC North America and WaferTech. 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 to provide TSMC with other valuable consideration.

### 28. ADDITIONAL DISCLOSURES

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

- a. Financing provided: None;
- b. Endorsement/guarantee provided: None;
- c. Marketable securities held: Please see Table 1 attached;
- d. 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 2 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 3 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 of at least NT\$100 million or 20% of the paid-in capital: Please see Table 4 attached;

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

TSMC China entered into forward exchange contracts during the year ended December 31, 2009 to manage exposures due to foreign exchange rate fluctuations.

As of December 31, 2009, no forward exchange contracts of TSMC China was outstanding. For the year ended December 31, 2009, net losses arising from forward exchange contracts of TSMC China were NT\$866 thousand.

Xintec entered into forward exchange contracts during the year ended December 31, 2009 to manage exposures due to foreign exchange rate fluctuations. Outstanding forward exchange contracts as of December 31, 2009:

Maturity Date Contract Amount (In Thousands)

Sell US\$/Buy NT\$

/Buy NT\$ February 2010 US\$21,300/NT\$686,788 For the year ended December 31, 2009, net gains arising from forward exchange contracts of Xintec were

For the year ended December 31, 2009, net gains arising from forward exchange contracts of Xintec were NT\$4,448 thousand.

- 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 7 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.

#### 29. 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.

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#### c. Export sales

	Years Ended December 31					
Area	2009	2008				
Americas	\$ 166,813,136	\$ 199,512,258				
Asia	59,496,755	49,386,819				
Europe and others	31,350,249	37,622,148				
	\$ 257,660,140	\$ 286,521,225				

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

	Ye	Years Ended December 31								
	2009		2008							
	Amount	%	Amount	%						
Customer A	\$ 161,251,368	54	\$ 192,986,719	58						
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#### TABLE 1

#### Taiwan Semiconductor Manufacturing Company Limited and Investees MARKETABLE SECURITIES HELD **DECEMBER 31, 2009**

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

					December 3	31, 200	9
							Market
			Financial		~		Value or Ne
					CarryingPo		_
ny		Relationship with	Statement	Shares/Units		of	Asset Value
				(In			nip (US\$ in
	Marketable Securities Type and Name Corporate bond	the Company	Account	Thousands)	Thousands)	(%)	Thousands)
	Taiwan Mobile Co., Ltd.		Available-for-sal	le			
			financial assets	\$	5 1,046,672	N/A	\$ 1,046,672
	Formosa Petrochemical Corporation		Held-to-maturity				
			financial assets		3,178,551	N/A	3,200,302
	Taiwan Power Company				3,004,941	N/A	3,011,743
	Nan Ya Plastics Corporation				2,000,145	N/A	2,029,935
	Formosa Plastics Corporation				1,671,815	N/A	1,685,345
	China Steel Corporation				1,512,130	N/A	1,528,117
	CPC Corporation, Taiwan				500,031	N/A	499,913
	Taipei Fubon Commercial Bank Co., Ltd.				298,884	N/A	298,751
	First Commercial Bank Co., Ltd.				99,814	N/A	99,815
	Government bond						
	European Investment Bank Bonds		Held-to-maturity				
			financial assets		2,003,877	N/A	2,025,500
	2003 Asian Development Bank Govt.						
	Bond				893,710	N/A	875,103
	Stock	a 1 · · ·	•				
	TSMC Global	Subsidiary	Investments				
			accounted for				
			using	4	45 205 255	100	45.005.056
	TOMO D	0 1 '1'	equity method	1	45,397,256	100	45,397,256
	TSMC Partners	Subsidiary		988,268	32,545,619	100	32,545,619
	VIS	Investee accounted					
		for using		(20, 222	0.267.225	^ <b>-</b>	10.11.1.222
	COMO	equity method		628,223	9,365,232	37	10,114,398
	SSMC	Investee accounted					
		for using		24.4	C 155 11:	2.0	# #04 oo:
	TO ACINE A CONTRACTOR OF THE C	equity method		314	6,157,141	39	5,581,994
	TSMC North America	Subsidiary		11,000	2,723,727	100	2,723,727
	Xintec	Investee with a					
		controlling		00.001	1 455 01 1	4.4	1 427 227
	CHC	financial interest		93,081	1,475,014	41	1,437,395
	GUC			46,688	983,126	35	7,913,592

	Investee with a					
	controlling financial interest					
TSMC Europe	Subsidiary			159,467	100	159,467
TSMC Japan	Subsidiary		6	135,663	100	135,663
•	•		_	•		
TSMC Korea	Subsidiary		80	18,519	100	18,519
United Industrial Gases Co., Ltd.		Financial assets				
		carried at cost	16,783	193,584	10	297,655
Shin-Etsu Handotai Taiwan Co., Ltd.			10,500	105,000	7	332,943
W.K. Technology Fund IV			4,000	40,000	2	43,975
Fund						
Horizon Ventures Fund		Financial assets				
		carried at cost		103,992	12	103,992
Crimson Asia Capital				59,412	1	59,412
Capital				37,112	1	37,412
TSMC China	Cubaidiam	Investments				
15MC Clina	Subsidiary					
		accounted for				
		using				
		equity method		2,961,043	100	2,958,707
VTAF III	Subsidiary			1,309,615	98	1,292,412
VTAF II	Subsidiary			1,122,810	98	1,117,773
Emerging Alliance	Subsidiary			305,866	99	305,866
	·			ŕ	(Conti	•
	-4	.1-			(	/

T 1	21	2000
December	41	711114
December	J1.	<b>⊿</b> ∪∪/

77.11			17.				,		arket	
Held			Financial		Co	rryingPe	roonto		e or Net	
Company	Marketable Securities	Relationship with	Statement	Shares/Unit		'alue	of		t Value	
J		<b>F</b>	2	(In		S\$ in O				
Name TSMC Partners	<b>Type and Name</b> Corporate bond	the Company	Account	Thousands)	Tho	usands)	(%)	Tho	usands)	Note
T dittions	General Elec Cap Corp. Mtn General Elec Cap Corp.		Held-to-maturity financial assets		US\$	20,543	N/A	US\$	21,312	
	Mtn				US\$	20,219	N/A	US\$	21,182	
	Common stock TSMC Development, Inc. (TSMC Development)	Subsidiary	Investments accounted for using equity method	1	US\$:	340,387	100	US\$3	340,387	
	VisEra Holding Company	Investee accounted for using equity method		43,000	US\$	70,967	49	US\$	70,967	
	InveStar Semiconductor Development Fund, Inc. (II) LDC. (ISDF	Subsidiary								
	II) TSMC Technology	Subsidiary		21,415 1		13,741 9,071		US\$ US\$	13,741 9,071	
	InveStar Semiconductor Development Fund,	Subsidiary								
	Inc. (ISDF)			7,680	US\$	7,336	97	US\$	7,336	
	TSMC Canada	Subsidiary		2,300	US\$	3,193	100	US\$	3,193	
	Mcube Inc.	Investee accounted for using equity method		5,333	US\$	800	70	US\$	800	
	Preferred stock Mcube Inc.	Investee accounted for using equity method	Investments accounted for using equity							
			method	1,000	US\$	1,000	10	US\$	1,000	

TSMC	Corporate bond								
Development	GE Capital Corp.		Held-to-maturity financial assets		US\$	20,334	N/A	US\$	21,182
	JP Morgan Chase & Co.					15,000			15,000
	Stock WaferTech	Subsidiary	Investments accounted for using equity method	293,637	US\$1	54,432	100	US\$1	54,432
Emerging Alliance	Common stock								
Amanec	RichWave Technology Corp. Global Investment		Financial assets carried at cost	4,247	US\$	1,648	10	US\$	1,648
	Holding Inc.			10,000	US\$	3,065	6	US\$	3,065
	Preferred stock Audience, Inc.		Financial assets carried at cost	1,654	<b>112</b> \$	250	1	US\$	250
	Axiom Microdevices, Inc.		curred at cost	1,000		24		US\$	24
	Mosaic Systems, Inc.			2,481	US\$	12	6	US\$	12
	Next IO, Inc.			800	US\$	500	1	US\$	500
	Optichron, Inc.			1,281	US\$	1,072	2	US\$	1,072
	Pixim, Inc.			4,641	US\$	1,137	2	US\$	1,137
	QST Holdings, LLC				US\$	131	4	US\$	131
	Teknovus, Inc.			6,977	US\$	1,327	2	US\$	1,327
	Capital VentureTech Alliance Holdings, LLC (VTA Holdings)	Subsidiary	Investments accounted for using equity method				7		
VTAF II	Common stock Leadtrend		Available-for-sale financial assets	1,515	US\$	9,721	4	US\$	9,721
(	RichWave Technology Corp. Sentelic		Financial assets carried at cost	1,043 1,200		730 2,040		US\$ US\$	730 2,040

Financial assets						
carried at cost	2,890	US\$	2,168	4	US\$	2,168
	3,974	US\$	3,816	5	US\$	3,816
	7,956	US\$	1,838	2	US\$	1,838
	759	US\$	650	13	US\$	650
					(Cor	ntinued)
-42-						
	carried at cost	carried at cost 2,890 3,974 7,956	carried at cost 2,890 US\$ 3,974 US\$ 7,956 US\$  759 US\$	2,890 US\$ 2,168 3,974 US\$ 3,816 7,956 US\$ 1,838 759 US\$ 650	2,890 US\$ 2,168 4 3,974 US\$ 3,816 5 7,956 US\$ 1,838 2  759 US\$ 650 13	carried at cost 2,890 US\$ 2,168 4 US\$ 3,974 US\$ 3,816 5 US\$ 7,956 US\$ 1,838 2 US\$  759 US\$ 650 13 US\$ (Cor

							Market
							Value or
Held			Financial				Net
11014			1 11111111111		Carryin <b>P</b> e	rcents	
Compony	Mankatable Committee	Dalationship with	Statement	Change/Un	• •	of	Value
Company	Marketable Securities	Keiationship with	Statement				
•				(In			hip(US\$ in
Name	Type and Name	the Company	Account	Thousand	st)housands)	(%)	Thousands) Note
	~						
	Beceem		Financial assets				
	Communications		carried at cost		US\$1,701	1	
	Impinj, Inc.				US\$1,000		US\$1,000
	Next IO, Inc.			3,795	US\$ 953	2	US\$ 953
	Optichron, Inc.			2,784	US\$2,664	4	US\$2,664
	Pixim, Inc.			33,347	US\$1,878	2	US\$1,878
	Power Analog						
	Microelectronics			7.027	US\$3,383	19	US\$3,383
	QST Holdings, LLC			,,,,,,	US\$ 593	13	US\$ 593
	Teknovus, Inc.			1 500	US\$ 454	13	US\$ 454
	Xceive				US\$1,516	2	
	Aceive			3,930	03\$1,310	2	US\$1,516
	Camital						
	Capital	C-11-11	T				
	VTA Holdings	Subsidiary	Investments				
			accounted for				
			using				
			equity method			31	
	~ .						
VTAF III	Common stock		_				
	Mutual-Pak	Subsidiary	Investments				
	Technology Co., Ltd.		accounted for				
			using				
			equity method	9,180	US\$2,112	59	US\$2,112
	Acionn Technology	Investee accounted					
	Corporation	for using equity					
		method		4,500	US\$ 566	42	US\$ 566
	Preferred stock						
	Auramicro, Inc.		Financial assets				
			carried at cost	4,694	US\$1,408	20	US\$1,408
	BridgeLux, Inc.			4,955	US\$6,391	4	US\$6,391
	Exclara, Inc.				US\$4,568	18	US\$4,568
	GTBF, Inc.			-	US\$1,500	N/A	US\$1,500
	InvenSense, Inc.			-	US\$1,000	1	US\$1,000
	LiquidLeds Lighting			010	Ο5φ1,000	1	Ο5φ1,000
				1 600	US\$ 800	11	US\$ 800
	Corp.						
	M2000, Inc.			3,000	US\$3,000	5	US\$3,000
	Neoconix, Inc.			3,283	US\$4,608	6	US\$4,608
	Powervation, Ltd.			310	US\$4,678	16	US\$4,678

	Quellan, Inc. Silicon Technical			3,106	US\$	457	6	US\$	457
	Services, LLC			1,055	US\$	1,208	1	US\$1	,208
	Tilera, Inc.			3,222	US\$2	2,781	3	US\$2	2,781
	Validity Sensors, Inc.			8,070	US\$3	3,089	3	US\$3	3,089
	Capital								
	Growth Fund Limited	Subsidiary	Investments						
	(Growth Fund)		accounted for						
			using		****	0.00	400	***	0.00
			equity method		US\$	823	100	US\$	823
	VTA Holdings	Subsidiary					62		
Growth Fund	Common stock								
1 unu	Staccato		Financial assets						
			carried at cost	10	US\$	25		US\$	25
	SiliconBlue								
	Technologies, Inc.			5,107	US\$	762	2	US\$	762
ISDF	Common stock								
ISDI	Memsic, Inc.		Available-for-sale						
	wiemsie, me.		financial assets	1.364	US\$4	4.472	6	US\$4	1.472
	Capella Microsystems		Financial assets	-,		-, - , -			-,
	(Taiwan), Inc.		carried at cost	557	US\$	154	2	US\$	154
	Preferred stock		T' '1 '						
	Integrated Memory Logic, Inc.		Financial assets carried at cost	2,872	US\$	1 221	0	US\$1	221
	IP Unity, Inc.		carried at cost	1,008	US\$		1	US\$	•
	Sonics, Inc.			230	US\$		2		
	comes, mo.			250	Ουψ	171	_		Continued)
			-43-					( )	

					De	cember	31, 20				
								Ma	arket		
								Val	ue or		
Held			Financial						Net		
Held			rmanciai		~				vet		
				CarryingPercentage							
Company	<b>Marketable Securities</b>	Relationship with	Statement S	Shares/Ur	nits Va	alue	of	Asset	sset Value		
				(In	(US	S\$ in Ov	wnersh	ip (U	S\$ in		
Name	Type and Name	the Company	Account	Thousand	•			• '		Nota	
Name	Type and Name	the Company	Account	1 Housand	isijiiou	isanus)	(10)	Hou	isaiius)	11016	
ISDF II	Common stock										
	Memsic, Inc.		Available-for-sal	le							
			financial assets	1.145	US\$	3,754	5	US\$	3,754		
	Sonics, Inc.		Financial assets	-,		-,			-,		
	Somes, me.			270	TIOO	1.0	2	TIOO	1.0		
			carried at cost	278	US\$	10	3	US\$	10		
	Epic Communication,										
	Inc.			50	US\$	23		US\$	23		
	EON Technology,										
				2,368	TICC	656	2	US\$	656		
	Corp.			2,308	USA	030	3	OSÞ	030		
	Goyatek Technology,										
	Corp.			932	US\$	545	6	US\$	545		
	Capella Microsystems										
	(Taiwan), Inc.			561	US\$	210	2	US\$	210		
				301	Сυψ	210	_	СБФ	210		
	Auden Technology			4 0 40	***			*****			
	MFG. Co., Ltd.			1,049	US\$	223	3	US\$	223		
	Preferred stock										
	Alchip Technologies		Financial assets								
	Limited		carried at cost	6,979	TICC	2 661	10	TICC	3,664		
			carried at cost			-			-		
	FangTek, Inc.			1,032	05\$	686	6	US\$	686		
	Kilopass Technology,										
	Inc.			3,887	US\$	500	5	US\$	500		
	Sonics, Inc.				US\$	456	3	US\$	456		
	Somes, me.			201	СБФ	150	3	СБФ	150		
CITC	0 1 15 1										
GUC	Open-end mutual fund			_							
	Jih Sun Bond Fund		Available-for-sal	le							
			financial assets	5,668	US\$8	80,008		US\$	80,008		
	FSITC Taiwan Bond										
	Fund			352	,	50,005			60,005		
						-			-		
	Cathay Bond Fund			2,509	-	30,001		•	30,001		
	Common stock										
	GUC-NA	Subsidiary	Investments								
		•	accounted for								
			using	000		20.617	100		20.617		
			equity method	800		38,617	100		38,617		
	GUC-Japan	Subsidiary		1		12,899	100		12,899		
	GUC-Europe	Subsidiary				5,213	100		5,213		
	GUC-BVI	Subsidiary		550	-	17,466	100		17,466		
	330 B 11	Sabbiaiaiy		550		. , , 100	100		. , , , , , ,		

Xintec	Capital Compositech Ltd.	Financial assets carried at cost	587			3		
TSMC Global	Corporate bond							
	Ab Svensk	Available-for-sale						
	Exportkredit Swedish African Development	financial assets	5,000	US\$	5,144	N/A	US\$	5,144
	Bank Allstate Life Global		2,600	US\$	2,622	N/A	US\$	2,622
	Fdg Asian Development		220	US\$	221	N/A	US\$	221
	Bank		2,500	US\$	2,497	N/A	US\$	2,497
	Astrazeneca Plc Australia + New		2,150	US\$	2,349	N/A	US\$	2,349
	Zealand Bkg Banco Bilbao Vizcaya		2,000	US\$	2,054	N/A	US\$	2,054
	P R Bank New York Inc.		3,250	US\$	3,248	N/A	US\$	3,248
	Medium Bank of New York		2,100	US\$	2,262	N/A	US\$	2,262
	Mellon		2,200	US\$	2,208	N/A	US\$	2,208
	Bear Stearns Cos Inc.		5,000	US\$	4,974	N/A	US\$	4,974
	Bear Stearns Cos Inc. Bhp Billiton Fin USA		3,500	US\$	3,391	N/A	US\$	3,391
	Ltd.		2,000	US\$	2,129	N/A	US\$	2,129
	Bnp Paribas SA		2,310	US\$	2,339	N/A	US\$	2,339
	Boeing Co.		450	US\$	445	N/A	US\$	445
	Bsch Issuances Ltd.		2,250	US\$	2,359	N/A	US\$	2,359
	Cello Part/Veri Wirelss	-44-	2,000	US\$	2,068	N/A	US\$	2,068

				Determoer	31, 20	
						Market
						Value or
Held			Financial			Net
				CarryingPe	rcenta	ge Asset
Company	<b>Marketable Securities</b>	Relationship with	Statementhares/Un	its Value	of	Value
			(In	(US\$ in O	wnersh	ip (US\$ in
Name	Type and Name	the Company	AccountThousand	sThousands)	(%)	<b>Thousands) Note</b>
	Citibank NA		5,000	US\$ 4,996	N/A	US\$ 4,996
	Citigroup funding Inc.		2,000	US\$ 2,016	N/A	US\$ 2,016
	Credit Suisse New					
	York		2,000	US\$ 2,057	N/A	US\$ 2,057
	European Investment					
	Bank		2,250	US\$ 2,243	N/A	US\$ 2,243
	Federal Farm Cr Bks		2,250	US\$ 2,254	N/A	US\$ 2,254
	Finance for Danish Ind		1,900	US\$ 1,900	N/A	US\$ 1,900
	General Elec Cap Corp.		1,000	US\$ 978	N/A	US\$ 978
	General Elec Cap Corp.		7,000	US\$ 7,001	N/A	US\$ 7,001
	General Elec Cap Corp.					
	Fdic Gtd		2,500	US\$ 2,547	N/A	US\$ 2,547
						(Continued)
			-45-			

					Dece	mber 31, 2009		
Held Company	Marketable Securities	Relationship with	Financial Statement		Carrying nits Value (US\$ in	Percentage of	Market Value or Net Asset Value (US\$ in	
Name	Type and Name	the Company	Account	(In		Ownership (%)	•	
Manie	Type and Name	the Company	Account	Tilousain	u <b>a</b> ji ousaiius j	(70)	Thousanus) 110te	
	Goldman Sachs Group		Available-for-s	ale				
	Inc.		financial assets		US\$1,939	N/A	US\$1,939	
	Goldman Sachs Group			,	, ,			
	Incser 2			3,000	US\$3,012	N/A	US\$3,012	
	Hewlett Packard Co.				US\$3,000		US\$3,000	
	HSBC Fin Corp.				US\$2,233		US\$2,233	
	HSBC USA Inc. Fdic			,				
	Gtd Tlgp			2,200	US\$2,277	N/A	US\$2,277	
	IBM Corp.			1,800	US\$1,796		US\$1,796	
	International Business							
	Machs			3,000	US\$3,027	N/A	US\$3,027	
	Intl Bk Recon +							
	Develop			2,000	US\$2,069	N/A	US\$2,069	
	JP Morgan Chase + Co.			2,500	US\$2,523	N/A	US\$2,523	
	JP Morgan Chase + Co.							
	Fdic Gtd Tlg			3,000	US\$3,030	N/A	US\$3,030	
	Kfw			2,230	US\$2,236	N/A	US\$2,236	
	Kfw Medium Term Nts							
	Book Entry			1,950	US\$1,953	N/A	US\$1,953	
	Kreditanstalt Fur							
	Wiederaufbau			650	US\$ 673	N/A	US\$ 673	
	Lloyds Tsb Bank Plc							
	Ser 144A			5,950	US\$6,049	N/A	US\$6,049	
	Mellon Fdg Corp.			3,500	US\$3,419	N/A	US\$3,419	
	Met Life Glob Funding							
	I			2,100	US\$2,142	N/A	US\$2,142	
	Met Life Glob Funding							
	I				US\$ 502		US\$ 502	
	Metlife Inc.			2,000	US\$2,017	N/A	US\$2,017	
	Metropolitan Life							
	Global Fdg			750	US\$ 739	N/A	US\$ 739	
	Metropolitan Life							
	Global Fdg I				US\$3,278		US\$3,278	
	Morgan Stanley				US\$2,212		US\$2,212	
	Morgan Stanley			2,000	US\$2,032	N/A	US\$2,032	
	Morgan Stanley Fdic				**************************************		11G40 244	
	Gtd Tlgp			2,210	US\$2,244	N/A	US\$2,244	
	Morgan Stanley for			• • • •	****************		11g# 1 0 12	
	Equity			2,000	US\$1,943	N/A	US\$1,943	

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Nordea Bank Fld Plc	2,250 US\$2,240	N/A US\$2,240
Oesterreichische		
Kontrollbank	2,000 US\$2,059	N/A US\$2,059
Ontario (Province of)	2,000 US\$1,980	N/A US\$1,980
Paccar Finl Corp. Mtn		
Bk Ent	1,000 US\$1,007	N/A US\$1,007
Pricoa Global Fdg I		
Med Term	1,750 US\$1,638	N/A US\$1,638
Pricoa Global Funding		
1	1,200 US\$1,167	N/A US\$1,167
Pricoa Global Fdg I		
Medium	2,200 US\$2,130	N/A US\$2,130
Royal Bk of Scotland		
Plc	5,000 US\$5,078	N/A US\$5,078
Royal Bk Scotlnd Grp		
Plc 144A	9,450 US\$9,578	N/A US\$9,578
Southern Co.	600 US\$ 602	N/A US\$ 602
Sovereign Bancorp		
Fdic Gtd Tlg	2,200 US\$2,246	N/A US\$2,246
State Str Corp.	1,940 US\$1,920	N/A US\$1,920
Suncorp Metway Ltd.	2,000 US\$2,004	N/A US\$2,004
Suncorp Metway Ltd.	5,000 US\$5,170	N/A US\$5,170
Svenska		
Handelsbanken Ab	2,200 US\$2,214	N/A US\$2,214
Swedbank Ab	2,000 US\$1,994	N/A US\$1,994
Swedbank		
Foreningssparbanken A	1,500 US\$1,537	N/A US\$1,537
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Held			Financial		Carrying		Market Value or Net Asset
Company	<b>Marketable Securities</b>	Relationship with	Statement	Shares/Un (In	its Value (US\$ in	Percentage of	Value (US\$ in
Name	Type and Name	the Company	Account	•		Ownership (%)	Thousands) Note
	Ubs Ag Stamford US Central Federal			1,300	US\$1,300	N/A	US\$1,300
	Cred Verizon			4,800	US\$4,799	N/A	US\$4,799
	Communications Inc. Verizon Global Fdg			2,200	US\$2,294	N/A	US\$2,294
	Corp.			500	US\$ 528	N/A	US\$ 528
	Wachovia Corp. New Wells Fargo +			4,000	US\$4,246	N/A	US\$4,246
	Company Westfield Cap Corp.			2,000	US\$2,013	N/A	US\$2,013
	Ltd.			500	US\$ 514	N/A	US\$ 514
	Westpac Banking Corp.			2,100	US\$2,112	N/A	US\$2,112
	Westpac Banking Corp.			2,170	US\$2,168	N/A	US\$2,168
	Nationwide Building		Held-to-matur	ity			
	Society Westpac Banking Corp.		financial assets	s 8,000	US\$8,000	N/A	US\$8,008
	12/12 Frn			5,000	US\$5,000	N/A	US\$4,999
			-47-				(Continued)

					Decei	mber 31, 2009	Market
Held			Financial		<i>a</i> •		Value or Net
Company	Marketable Securities	Relationship with	Statement	Shares/Un (In	Carrying its Value (US\$ in	Percentage of	Asset Value (US\$ in
Name	Type and Name	the Company	Account	`	`	Ownership (%)	Thousands) Not
	Agency bond						
	Fannif Mae		Available-for-sa financial assets		US\$ 2,814	N/A	US\$ 2,814
	Fed Hm Ln Pc Pool 1b2830			2,554	US\$ 2,635	N/A	US\$ 2,635
	Fed Hm Ln Pc Pool 1g0115			2,271	US\$ 2,315	N/A	US\$ 2,315
	Fed Hm Ln Pc Pool 1k1210				US\$ 2,121		US\$ 2,121
	Fed Hm Ln Pc Pool 780741				US\$ 2,181		US\$ 2,181
	Federal Farm Cr Bks Federal Farm Credit				US\$ 2,117		US\$ 2,117
	Bank Federal Farm Credit			3,000	US\$ 2,990	N/A	US\$ 2,990
	Bank			· · · · · · · · · · · · · · · · · · ·	US\$ 2,258		US\$ 2,258
	Federal Home Ln Bank Federal Home Ln Mtg			11,000	US\$11,028	N/A	US\$11,028
	Corp. Federal Home Ln Mtg			1,350	US\$ 1,352	N/A	US\$ 1,352
	Corp. Federal Home Ln Mtg			3,421	US\$ 3,533	N/A	US\$ 3,533
	Corp. Federal Home Ln Mtg			2,662	US\$ 2,763	N/A	US\$ 2,763
	Corp. Federal Home Ln Mtg			2,469	US\$ 2,521	N/A	US\$ 2,521
	Corp. Federal Home Ln Mtg			2,309	US\$ 2,350	N/A	US\$ 2,350
	Corp. Federal Home Loan			2,358	US\$ 2,448	N/A	US\$ 2,448
	Bank Federal Home Loan			10,000	US\$ 9,987	N/A	US\$ 9,987
	Bank Federal Home Loan			8,000	US\$ 7,992	N/A	US\$ 7,992
	Bank Federal Home Loan			10,000	US\$10,012	N/A	US\$10,012
	Bank Federal Home Loan			4,700	US\$ 4,715	N/A	US\$ 4,715
	Bank			11,200	US\$11,186	N/A	US\$11,186

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Federal Home Loan	
Bank 3,310 US\$ 3,319	N/A US\$ 3,319
Federal Home Loan	
Bank 3,000 US\$ 2,989	N/A US\$ 2,989
Federal Home Loan	
Bank 3,000 US\$ 2,983	N/A US\$ 2,983
Federal Home Loan	
Bank 3,000 US\$ 2,984	N/A US\$ 2,984
Federal Home Loan	
Mtg Corp. 1,411 US\$ 1,441	N/A US\$ 1,441
Federal Home Loan	
Mtg Corp. 1,940 US\$ 2,012	N/A US\$ 2,012
Federal National Mort	
Assoc 2,117 US\$ 2,176	N/A US\$ 2,176
Federal National Mort	
Assoc 1,752 US\$ 1,782	N/A US\$ 1,782
Federal Natl Mtg Assn	
Gtd Remi 2,854 US\$ 2,926	N/A US\$ 2,926
Federal Natl Mtg Assn	
Mtn 2,669 US\$ 2,765	N/A US\$ 2,765
Federal Natl Mtg Assn	
Remic 2,871 US\$ 2,953	N/A US\$ 2,953
Federal Natl Mtg Assn 4,000 US\$ 4,228	N/A US\$ 4,228
Federal Natl Mtge Assn 2,039 US\$ 2,126	N/A US\$ 2,126
Fhr 3087 Jb 2,540 US\$ 2,656	N/A US\$ 2,656
Fnma Pool 745688 2,272 US\$ 2,336	N/A US\$ 2,336
Fnma Pool 790772 1,527 US\$ 1,568	N/A US\$ 1,568
Fnma Pool 819649 2,318 US\$ 2,383	N/A US\$ 2,383
Fnma Pool 829989 2,146 US\$ 2,221	N/A US\$ 2,221
Fnma Pool 846233 2,288 US\$ 2,332	N/A US\$ 2,332
Fnma Pool 870884 2,357 US\$ 2,442	N/A US\$ 2,442
Fnma Pool 879908 2,056 US\$ 2,128	N/A US\$ 2,128
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							Market	
Held			Financial				Value or Net	
Ticiu			1 manetai		Carrying		1100	
Company	<b>Marketable Securities</b>	Relationship with	Statement	Shares/Un		Percentage of	<b>Asset Value</b>	
		•		(In	(US\$ in	S	(US\$ in	
Name	<b>Type and Name</b>	the Company	Account	Thousand	sThousands)	Ownership (%)	Thousands)	Note
	Fnr 2005 47 Ha			2,652	US\$ 2,753	N/A	US\$ 2,753	
	Fnr 2006 60 Co			3,062	US\$ 3,153	N/A	US\$ 3,153	
	Fnr 2009 70 Nt			2,537	US\$ 2,609	N/A	US\$ 2,609	
	Freddie Mac			4,500	US\$ 4,491	N/A	US\$ 4,491	
	Gnma II Pool 082431			2,000	US\$ 2,030	N/A	US\$ 2,030	
	Government bond							
	US Treasury N/B		Available-for-sal	e				
			financial assets	21,400	US\$21,394	N/A	US\$21,394	
	US Treasury N/B			2,170	US\$ 2,158	N/A	US\$ 2,158	
	US Treasury Nts			37,700	US\$39,012	N/A	US\$39,012	
	United States Treas Nts			10,536	US\$10,548	N/A	US\$10,548	
	Societe De		Held-to-maturity					
	Financement De Lec		financial assets	15,000	US\$15,000	N/A	US\$15,091	
						(	Continued)	
			-49-			`	ŕ	

Held			Financial			·	Market Value or Net
Company	Marketable Securities	Relationship with	Statement	Shares/Ur (In	Carrying nits Value (US\$ in	Percentage of	Asset Value (US\$ in
Name	<b>Type and Name</b>	the Company	Account	Thousand	( <b>S</b> )housands)	Ownership (%)	Thousands) Note
	Corporate issued note						
	Barclays U.S. Fdg LLC		Available-for-sa	ıle			
			financial assets	4,500	US\$4,489	N/A	US\$4,489
	Royal Bk of Scotland			5,000	US\$4,982	N/A	US\$4,982
	Money market fund						
	Ssga Cash Mgmt		Available-for-sa	le			
	Global Offshore		financial assets	8,858	US\$8,858		US\$8,858 Concluded)
			-50-			(	Concided)

#### TABLE 2

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, 2009

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

		Beginnir	ng Balance	Acqu	uisition		Dispos	al (Note
Financial			Amount	Shares/Units (In	Amount			Carry Valu
Statement		Nature of Shares/Units (In	(US\$ in		(US\$ in	Shares/Units (In	Amount (US\$ in	(US\$
Account	<b>Counter-party</b>	Relationshif housands) I	Thousands)	(Note 1)	Thousands)	) Thousands) T	Thousands)	Thousa
vailable-for-sale nancial assets	Securities Corp. and several							
	financial institutions		\$2,032,65	8	\$		\$1,037,370	\$1,00
eld-to-maturity nancial assets			3,554,90	8	457,35	1		
			4,209,62	9	203,89	2		
			2,385,28	5	203,99	4		
			1,000,00	0	514,67	2		
					298,67	7		
eld-to-maturity nancial assets	Grand Cathay Securities Corp. and several financial institutions		383,38	7	2,025,50	0	400,000	38
vestments counted for sing								
quity method		Subsidiary	1,305,60	5	262,92	2		

eld-to-maturity	JP Morgan											
nancial assets	Securitied Inc.					US\$	15,000					
vailable-for-sale	e Jih Sun											
nancial assets	Investment											
	Trust Co., Ltd.				19,143		270,000	13,475		190,120		19
	First Securities											
	Investment Trust Co., Ltd.				1,146		195,000	794		135,206		13
	Prudential				1,140		173,000	7,74		133,200		15
	Financial											
	Securities											
	Investment											
	Trust						.=			.=		
	Enterprise				11,261		170,000	11,261		170,319		17
	PCA Securities Investment											
	Trust Co., Ltd.				13,121		170,000	13,121		170,241		17
	Hua Nan				15,121		170,000	15,121		170,211		-,
	Investment											
	Trust Co., Ltd.				10,287		160,000	10,287		160,143		16
vailable-for-sale	<b>.</b>											
nancial assets					5,000	US\$	5,185					
					3,250	US\$	3,250					
					5,000		4,965					
					3,500		3,360					
		3,250	US\$	3,353				3,250	US\$	3,380	US\$	
					3,000	US\$	3,002	3,000	US\$	3,002		
					5,000	US\$	4,995					
										(Continue	d)	

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Beginning

			I	Balance	Acq	quisiti	on		Disposa	al (Note 2)
	Financial			AmountS	Shares/Un (In	its An	ount		Amount	Carrying Value
ecurities	Statement		Nature of Shares/U	nits(US\$ in 7	•	s) (U	S\$ inSl	nares/Ur (In	nits(US\$ in	(US\$ in
lame	Account	<b>Counter-party</b>	RelationshiThousan	d <b>F</b> )housands	s) (Note 1)	Thou	ısand <b>s</b> ı)	`	<b>IF</b> )housands	)Thousands
_	Available-for-sale financial		2.005	. 11000 010		ΙΙΩΦ		2.005	11G#2 021	11C#2 041
ap Corp. ap Corp. Group	assets		2,993	US\$3,013	-		4,834 7,002		US\$3,021 US\$3,880	
_					3,000	US\$	3,016			
usiness					3,000	US\$	3,030			
se + Co.  Std Tlgp							3,030 5,061	5,000	US\$5,061	US\$5,061
nk Plc rp.					5,950 3,500		-			
ife /			4,855	US\$4,552	3,340	US\$	3,245	4,855	US\$4,751	US\$4,768
otland					5,000	US\$	5,106			
nd Grp					9,450	US\$	9,596			
ıy Ltd. leral					5,000	US\$	5,192			
. New					4,800 4,000		-	- 1-0		
. New Co. New			3,130	US\$3,135				3,130	US\$3,195	US\$3,100
ilding	Held-to-maturity		4,500	US\$4,493				4,500	US\$4,524	US\$4,282
_	financial assets				8,000	US\$	8,000			
ng Corp.					5,000	US\$	5,000			
Pool	Available-for-sale financial									
	assets			US\$3,285 US\$5,501					US\$3,281 US\$5,511	

P001							
Bank	5,000	US\$5,305			5,000	US\$5,282	US\$5,035
r Bks	3,400	US\$3,610			3,400	US\$3,590	US\$3,411
redit							
	3,375	US\$3,433			3,375	US\$3,429	US\$3,370
Ln Bank			11,000	US\$11,038			
Ln Bks	3,725	US\$3,854			3,725	US\$3,851	US\$3,721
Ln Bks	5,000	US\$5,320			5,000	US\$5,312	US\$5,098
Ln Bks	4,000	US\$4,148			4,000	US\$4,151	US\$4,136
Ln Mtg	5,000	US\$5,340			5,000	US\$5,334	US\$5,186
Ln Mtg							
	3,340	US\$3,428			3,340	US\$3,431	US\$3,335
Ln Mtg							
	3,500	US\$3,560			3,500	US\$3,561	US\$3,494
Ln Mtg							
	3,500	US\$3,743			3,500	US\$3,749	US\$3,786
Ln Mtg							
			3,679	US\$ 3,824			
Ln Mtg							
	3,060	US\$3,108			3,005	US\$3,078	US\$3,003
Loan							
			10,000	US\$ 9,996			
Loan							
			10,000	US\$10,002	2,000	US\$2,000	US\$2,000
Loan							
			10,000	US\$10,035			
	-5	2-					

			•	eginning Salance	Acc	quisitio	)n		Disposa	al (Note 2)	
1	Financial			Amount	Shares/Uni (In	its Am	ount		Amount	Carrying Value	g (L Di
e Securities	Statement		Nature of Shares/Un (In	nits(US\$ in	`	s) (US	<b>ያ\$ inSh</b>	ares/Un (In	its(US\$ in	(US\$ in	
nd Name ne Loan	Account	<b>Counter-party</b>	Relationship housand	d <b>F</b> )housand	s) (Note 1)	Thou	sandstyl	•	( <b>F</b> )housands)	Thousands	sThc
ne Loan					4,700	US\$	4,723				
ne Loan					11,200	US\$1	.1,200				
ne Loan					3,310	US\$	3,310				
ne Loan					3,000	US\$	3,000				
l Mtg Assn			4,500	US\$4,710		US\$	9,474		US\$4,709 US\$9,461	US\$9,474	
İ				-53-					(Con	ntinued)	

			Beginn	lance	Acq	Acquisition				Disposal				
	Financial			A	Am	ount	Shares/Uni (In	ts 1	Amount		A	mount		rryin 'alue
ities	Statement	Counter-	Nature of Shares/Un (In	its	(US	S\$ in	Thousands	s)	(US\$ in	Shares/Uni (In	ts (	US\$ in	(U	JS\$ ir
ıe	Account	party	RelationshipThousand	ls)Th	ıou	sands)	(Note 1)	Tł	ousand	s) Thousands	) Th	ousands)	Tho	usan
ssn	Available-for-sale													
	financial assets					3,713		US	\$	3,700				3,7
ssn			•			4,169				4,000		. ,		4,1
ssn			3,500	US	\$	3,809				3,500	USS	3,801	US\$	3,6
ssn							4,000	US	\$ 4,26	1				
ssn			3,750	US	\$	4,134				3,750	USS	\$ 4,127	US\$	4,1
ssn														
cen							3,062	US	\$ 3,15	3				
ssn							3,036	US	\$ 3,12	.7				
			3,456	US	\$	3,513	,			3,415	USS	3,513	US\$	3,4
			2,963	US	\$	3,039				2,932	USS		US\$	2,9
							9,276	US	\$ 9,84	3 9,206	USS	9,773	US\$	9,7
							3,761	US	\$ 3,99	1 3,721	USS	3,950	US\$	3,9
			3,669	US	\$	3,776				3,659	USS	3,828	US\$	3,8
			4,105	US	\$	4,242				4,071	USS	\$ 4,265	US\$	4,2
							7,680	US	\$ 8,13	8 7,395	USS	7,829	US\$	7,8
							3,239	US	\$ 3,35	2				
							4,500	US	\$ 4,49	0				
s Nts	Available-for-sale													
	financial assets		10,266	US	S\$ 1	0,374				10,357	USS	\$ 11,258	US\$	11,2
							41,900	US	\$ 41,93	1 20,500	USS	\$ 20,564	US\$	20,5
									\$ 3,49					
	** ** * * * * * * * * * * * * * * * * *						50,000	US	\$ 52,18	4 12,300	USS	\$ 12,826	US\$	12,8
ec	Held-to-maturity financial assets						15,000	US	\$ 15,00	0				
ata														
ote LLC	Available-for-sale													
	financial assets						4,500	US	\$ 4,48	9				
nd									\$ 4,98					
d	Available-for-sale													
	financial assets		30,435	US	<b>S\$</b> 3	30,435	495,908	US	\$\$495,90	8 517,485	USS	\$517,485	US\$	517,4

ties

Иtg	Available-for-sale								
	financial assets	4,597	US\$	4,584	4,472	US\$	4,480	US\$	4,5
		4,000	US\$	3,884	4,000	US\$	3,925	US\$	3,9
		4,353	US\$	4,349	4,090	US\$	4,085	US\$	4,1
oml									
		4,788	US\$	4,715	4,774	US\$	4,780	US\$	4,9
Tr		3,737	US\$	3,495	3,725	US\$	3,537	US\$	3,6
nl									
		3,397	US\$	3,163	3,375	US\$	3,283	US\$	3,3
		3,214	US\$	2,925 -54-	3,172	US\$	3,106	US\$	3,1
				5-1					

- 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 capital return from subsidiaries.
- Note 3: The ending balance includes the amortization of premium/discount on bonds investments, unrealized valuation gains/ losses on financial assets, translation adjustments or equity in earnings/ losses of equity method investees.

(Concluded)

TABLE 3

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, 2009 (Amounts in Thousands of New Taiwan Dollars)

Т	Transaction	1		Nature of	Prior	Transaction of	Related Count	er-party	Price
nsaction Date	Amount	<b>Payment Term</b>	<b>Counter-party</b>	Relationships	Owner	Relationships	Transfer Date	Amount	Referen
ober 25, 2009 ecember 30,	\$514,777	construction	Fu Tsu Construction Co., Ltd. and China Steel Structure Co., Ltd.		N/A	N/A	N/A	N/A	Public bidding
				-56-					

#### **TABLE 4**

Notes/

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, 2009

(Amounts in Thousands of New Taiwan Dollars)

		Purchases/	Transaction	n Deta % to	ails		al Transaction Payment Terms	Pays Reco
Related Part	y Nature of Relationships	Sales	Amount		l Payment Terms	(Note)	(Note)	Endi Balar
TSMC North America	Subsidiary	Sales	\$161,251,368	54	Net 30 days after invoice date			\$22,203
GUC	Investee with a controlling financial interest	Sales	2,023,612	1	Net 30 days after monthly closing			338
VIS	Investee accounted for using equity method	Sales	139,044		Net 30 days after invoice date			
WaferTech	Indirect subsidiary	Purchases	5,560,707	18	Net 30 days after monthly closing			(561
TSMC China	Subsidiary	Purchases	3,787,113	12	Net 30 days after monthly closing			(481
SSMC	Investee accounted for using equity method	Purchases	3,537,659	11	Net 30 days after monthly closing			(238
VIS	Investee accounted for using equity method	Purchases	3,312,656	10	Net 30 days after monthly closing			(529
TSMC North America	Same parent company	Purchases	937,160	28	Net 30 days after invoice date/net 45 days after monthly closing			(173
OmniVision	Parent company of director (represented for Xintec)	Sales	1,801,655	77	Net 30 days after monthly closing			397
	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 5

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, 2000

**DECEMBER 31, 2009** 

(Amounts in Thousands of New Taiwan Dollars)

				Т	urnov Days		verdue	Amounts Received in Subsequent	Allowance for
nanv	Nama	Rolated Party	Nature of Relationships	Ending Balance	(Note 1)	<b>)</b>	Action Taken	-	Debts
pany	rvanic	Related 1 arty	Nature of Relationships	Dalance	1)	Amounts	Action Taken	Teriou	Debts
С		TSMC North America GUC	Subsidiary  Investee with a controlling financial	\$22,211,918	38	\$6,438,761		\$8,899,170	\$
		TOMO Obline	interest	338,502					
		TSMC China	Subsidiary	111,103	(Note 2)	<b>;</b>			
ec	Note	OmniVision  1: The calculat of turnover excludes oth receivables related parti	days ner from	397,695	81	160		127,130	
	Note	2: The ending balance primarily consisted of other receivables, which is not applicable for the calculation of turnover days.	t or						
		•		-58-					

**TABLE 6** 

#### Taiwan Semiconductor Manufacturing Company Limited and Investees NAMES, LOCATIONS, AND RELATED INFORMATION OF INVESTEES OVER WHICH THE COMPANY EXERCISES SIGNIFICANT INFLUENCE DECEMBER 31, 2009

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

			Original Inves	stment Amount	Balance	e as of I 200	December 31, 09	Net In
			December 31, 2009 (Foreign Currencies in	December 31, 2008 (Foreign Currencies in	Share <b>P</b> e (in		Carrying Value (Foreign gCurrencies in	(Losses) Inve (For Curren
npany	Location	Main Businesses and Products	Thousands)	Thousands)	Thousan 0s	<i>y</i> nersh	nipThousands)	Thous
1	Tortola, British Virgin Islands	Investment activities	\$42,327,245	\$42,327,245	1	100	\$45,397,256	\$ 5
rs	Tortola, British Virgin Islands	Investment in companies involved in the design, manufacture, and other related business in the semiconductor industry.	31,456,130	31,456,130	988,268	100	32,545,619	(
	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	37	9,365,232	
	Singapore	Fabrication and supply of integrated circuits	5,120,028	5,120,028	314	39	6,157,141	1,6
	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	2,961,043	(3,2
	San Jose, California, U.S.A.	Sales and marketing of integrated circuits and semiconductor devices	333,718	333,718	11,000	100	2,723,727	3
	Taoyuan, Taiwan	Wafer level chip size packaging service	1,357,890	1,357,890	93,081	41	1,475,014	

	Cayman Islands	Investing in new start-up technology companies		1,703,163		1,440,241		98		1,309,615		(
	Cayman Islands	Investing in new start-up technology companies		1,093,943		1,036,422		98		1,122,810		(
	Hsin-Chu, Taiwan	Researching, developing, manufacturing, testing and marketing of integrated circuits		386,568		386,568	46,688	35		983,126		
iance	Cayman Islands	Investing in new start-up		959,044		986,797		99		305,866		
e	Amsterdam, the Netherlands	technology companies Marketing and engineering supporting activities		15,749		15,749		100		159,467		
	Yokohama, Japan	Marketing activities		83,760		83,760	6	100		135,663		
	Seoul, Korea	Customer service and technical support activities		13,656		13,656	80	100		18,519		
	Delaware, U.S.A.	Investment activities	US\$	0.001	US\$	0.001	1	100	US\$	340,387	US\$	
ng	Cayman Islands	Investment 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\$	70,967	US\$	
	Cayman Islands	Investing in new start-up technology companies	US\$	21,415	US\$	32,289	21,415	97	US\$	13,741	US\$	
ology	Delaware, U.S.A.	Engineering support activities	US\$	0.001	US\$	0.001	1	100	US\$	9,071	US\$	
	Cayman Islands	Investing in new start-up technology companies	US\$	7,680	US\$	7,680	7,680	97	US\$	7,336	US\$	
a	Ontario, Canada	Engineering support activities	US\$	2,300	US\$	2,300	2,300	100	US\$	3,193	US\$	
ock)	Delaware, U.S.A.	Research, development, and sale of micro-semiconductor device	US\$	800			5,333	70	US\$	800	US\$	
ock)	Delaware, U.S.A.	Research, development, and sale of micro-semiconductor device	US\$	1,000			1,000	10	US\$	1,000	US\$	
	Washington, U.S.A.	Manufacturing, selling, testing and computer-aided designing of integrated circuits and other semiconductor devices	US\$	330,000	US\$	380,000	293,637	100	US\$	154,432	US\$	
	Hsin-Chu, Taiwan	Manufacturing and selling of electronic parts and providing turn-key services in back-end	US\$	91,041	US\$	91,041	253,120	89	US\$	125,983	US\$	

(2

(1

4

color filter fabrication, package, test, and optical solutions

(Continued)

			Dece 3 20	iginal I Ame ember 31, 009 reign	ount Dece 3 20	ember 51, 008 reign	Balanc	ce as o 31, 2	2009 Carr Va	mber rying lue reign	Net In (Loss th Inve	es) of ne estee
			•	encies	•	U	Shar <b>Ps</b> e	rcents	•	_	•	_
				in		in	(in	of	i i		iı	
estee Company	Location	<b>Main Businesses and Products</b>	Thou	sands)	Thou	sandsT	housa <b>0d</b>		h <b>i</b> phous	sands)	Thous	sands)
ual-Pak mology Co.,	Taipei, Taiwan	Manufacturing and selling of electronic parts and researching, developing, and testing of RFID	US\$	3,088	US\$	1,705	9,180	59	US\$	2,112	US\$(1	,105)
nn Technology ).	Taipei, Taiwan	Wholesaling telecommunication equipments, and manufacturing wired and wireless communication equipments	US\$	1,777	US\$	1,777	4,500	42	US\$	566	US\$(1	1,239)
vth Fund	Cayman Islands	Investing in new start-up technology companies	US\$	1,550	US\$	700		100	US\$	823	US\$	(127)
Holdings	Delaware, U.S.A.	Investing in new start-up technology companies						62				
Holdings	Delaware, U.S.A.	Investing in new start-up technology companies						31				
C-NA	U.S.A.	Consulting services in main products	US\$	800	US\$	800	800	100		8,617		5,617
C-Japan	Japan	Consulting services in main products	JPY3	30,000	JPY3	30,000	1	100	1:	2,899	1	1,608
C-Europe	The Netherlands	Consulting services in main products	EUR	100	EUR	50		100	:	5,213		353
C-BVI	British Virgin Islands	Investment activities	US\$	550			550	100	1′	7,466		(133)
Holdings	Delaware, U.S.A.	Investing in new start-up technology companies						7				
Note 1:	Equity in earnings/lost of investees											

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 7

Taiwan Semiconductor Manufacturing Company Limited INFORMATION OF INVESTMENT IN MAINLAND CHINA FOR THE YEAR ENDED DECEMBER 31, 2009 (Amounts in Thousands of New Taiwan Dollars, Unless Specified Otherwise)

			Investment			Investment			
			from Taiwan			from Taiwan			
								<b>Equity</b> in	Carr
	<b>Total Amount of</b>		as of			as of		the	Va
	Paid-in Capital		<b>January 1, 2009</b>			December 31,		<b>Earnings</b>	as
				Invest	ment	Pe	ercenta	ge	Dece
Iain Businesses and	(RMB in	Method of	(US\$ in	Flov	WS	2009 (US\$ in	of	(Losses)	3
<b>Products</b>	Thousand)	Investment	Thousand)	Outflow	Inflow	Thousand) O	wnersh	ip (Note 2)	20
anufacturing and	\$12,180,367	(Note 1)	\$12,180,367	\$	\$	\$12,180,367	100%	\$(3,242,122)	\$2,96
lling of integrated	(RMB3,070,623)		(US\$371,000)			(US\$371,000)			
rcuits at the order of									

**Accumulated** 

**Outflow of** 

Accumulated Investment in Mainland China as of December 31, 2009 (US\$ in Thousand) \$12,180,367

\$12,180,367 (US\$371,000) Investment Amounts Authorized by Investment Commission, MOEA (US\$ in Thousand) \$12,180,367 (US\$371,000)

Upper Limit on Investment (US\$ in Thousand) \$12,180,367 (US\$371,000)

Accumulated

**Outflow of** 

Note 1: Direct

d pursuant to oduct design ecifications

ovided by customers

investments US\$371,000 thousand in TSMC China.

Note 2: Amount was

recognized based on the audited financial statements.

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Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries Consolidated Financial Statements for the Years Ended December 31, 2009 and 2008 and Independent Auditors Report

#### 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, 2009, 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

MORRIS CHANG Chairman January 22, 2010

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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, 2009 and 2008, 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, 2009 and 2008, 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.

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 Statements of Financial Accounting Standards No. 10, Accounting for Inventories. In addition, effective January 1, 2008, Taiwan Semiconductor Manufacturing Company Limited and subsidiaries adopted Interpretation 2007-052, Accounting for Bonuses to Employees, Directors and Supervisors, issued by the Accounting Research and Development Foundation of the Republic of China and relevant requirements promulgated by the Financial Supervisory Commission of the Executive Yuan.

January 22, 2010

#### 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.

## Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries CONSOLIDATED BALANCE SHEETS DECEMBER 31, 2009 AND 2008

(In Thousands of New Taiwan Dollars, Except Par Value)

	2009		2008	
	Amount	%	Amount	%
ASSETS				
CURRENT ASSETS				
Cash and cash equivalents (Notes 2 and 4)	\$ 171,276,341	29	\$ 194,613,752	35
Financial assets at fair value through profit or loss	Ψ 1/1,2/0,5+1	2)	Ψ 174,015,752	33
(Notes 2, 5 and 24)	186,081		55,730	
Available-for-sale financial assets (Notes 2, 6 and	,		7.7	
24)	14,389,946	2	10,898,715	2
Held-to-maturity financial assets (Notes 2, 7 and				
24)	9,944,843	2	5,881,999	1
Receivables from related parties	12,524		407	
Notes and accounts receivable	44,637,642	7	25,023,321	4
Allowance for doubtful receivables (Notes 2 and 8)	(543,325)		(455,751)	
Allowance for sales returns and others (Notes 2				
and 8)	(8,724,481)	(1)	(6,071,026)	(1)
Other receivables from related parties	121,292		99,918	
Other financial assets (Note 26)	1,849,987	4	1,911,699	2
Inventories (Notes 2, 3 and 9)	20,913,751	4	14,876,645	3
Deferred income tax assets (Notes 2 and 18)	4,370,309	1	3,969,330	1
Prepaid expenses and other current assets	1,368,838		1,813,692	
Total current assets	259,803,748	44	252,618,431	45
LONG-TERM INVESTMENTS (Notes 2, 6, 7, 10,				
11 and 24)	17 071 200	2	10 007 150	2
Investments accounted for using equity method Available-for-sale financial assets	17,871,208 1,358,049	3	18,907,158	3
Held-to-maturity financial assets	1,558,049	3	2,032,658 15,426,252	3
Financial assets carried at cost	3,063,004	1	3,615,447	1
Financial assets carried at cost	3,003,004	1	3,013,447	1
Total long-term investments	37,845,503	7	39,981,515	7
	. ,			
PROPERTY, PLANT AND EQUIPMENT (Notes				
2, 12 and 26)				
Cost	024.000		052.057	
Land and land improvements Buildings	934,090 142,294,558	24	953,857 132,249,996	24
Machinery and equipment	775,653,489	130	697,498,743	125
machinery and equipment	113,033,469	130	097,490,743	123

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Office equipment Leased assets	13,667,747 714,424	2	12,430,800 722,339	2
Accumulated depreciation Advance payments and construction in progress	933,264,308 (693,743,886) 34,154,365	156 (117) 6	843,855,735 (618,816,267) 18,605,882	151 (110) 3
Net property, plant and equipment	273,674,787	45	243,645,350	44
INTANGIBLE ASSETS Goodwill (Note 2)	5,931,318	1	6,044,392	1
Deferred charges, net (Notes 2 and 13)	6,458,554	1	7,125,828	1
Total intangible assets	12,389,872	2	13,170,220	2
OTHER ASSETS Deferred income tax assets (Notes 2 and 18)	7 000 202	1	6 626 972	1
Refundable deposits Others (Notes 2 and 26)	7,988,303 2,733,143 260,864	1	6,636,873 2,767,199 97,001	1
Total other assets	10,982,310	2	9,501,073	2
TOTAL	\$ 594,696,220	100	\$ 558,916,589	100
	2009 Amount	%	2008 Amount	%
LIABILITIES AND SHAREHOLDERS EQUITY				
CURRENT LIABILITIES Financial liabilities at fair value through profit or				
loss (Notes 2, 5 and 24)	\$ 25		\$ 85,187	
Accounts payable	10,905,884	2	5,553,151	1
Payables to related parties (Note 25)	783,007	1	489,857	2
Income tax payable (Notes 2 and 18) Salary and bonus payable	8,800,249 9,317,035	1 2	9,331,825 2,215,780	2
Accrued profit sharing to employees and bonus to	9,317,033	2	2,213,760	
directors and supervisors (Notes 2, 3 and 20)	6,818,343	1	15,369,730	3
Payables to contractors and equipment suppliers Accrued expenses and other current liabilities (Notes	28,924,265	5	7,998,773	1
16, 24 and 28) Current portion of bonds payable and bank loans	12,635,182	2	7,540,055	1
	12,000,102	_	7,6 10,000	

Total current liabilities	79,133,288	13	56,806,756	10
LONG-TERM LIABILITIES				
Bonds payable (Notes 14 and 24)	4,500,000	1	4,500,000	1
Long-term bank loans (Notes 15, 24 and 26)	578,560		1,420,476	
Other long-term payables (Notes 16, 24 and 28)	5,602,420	1	9,548,226	2
Obligations under capital leases (Notes 2 and 24)	707,499		722,339	
Total long-term liabilities	11,388,479	2	16,191,041	3
OTHER LIABILITIES				
Accrued pension cost (Notes 2 and 17)	3,797,032	1	3,701,584	1
Guarantee deposits (Note 28)	1,006,023		1,484,495	
Deferred credits (Note 2)	185,689		316,537	
Others	137,161		43,709	
Total other liabilities	5,125,905	1	5,546,325	1
Total liabilities	95,647,672	16	78,544,122	14
EQUITY ATTRIBUTABLE TO SHAREHOLDERS OF THE PARENT Capital stock NT\$10 par value (Notes 20 and 22) Authorized: 28,050,000 thousand shares Issued: 25,902,706 thousand shares in 2009 25,625,437 thousand shares in 2008	259,027,066	43	256,254,373	46
Capital surplus (Notes 2 and 20)	55,486,010	9	49,875,255	9
Retained earnings (Note 20)				
Appropriated as legal capital reserve Appropriated as special capital reserve	77,317,710	13	67,324,393 391,857	12
Unappropriated earnings	104,564,972	18	102,337,417	18
	181,882,682	31	170,053,667	30
Others (Notes 2, 22 and 24) Cumulative translation adjustments Unrealized gain/loss on financial instruments	(1,766,667) 453,621		481,158 (287,342)	
	(1,313,046)		193,816	

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Equity attributable to shareholders of the parent	495,082,712	83	476,377,111	85
MINORITY INTERESTS (Note 2)	3,965,836	1	3,995,356	1
Total shareholders equity	499,048,548	84	480,372,467	86
TOTAL	\$ 594,696,220	100	\$ 558,916,589	100

The accompanying notes are an integral part of the consolidated financial statements. (With Deloitte & Touche audit report dated January 22, 2010)

# Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries CONSOLIDATED STATEMENTS OF INCOME FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2009		2008	
	Amount	%	Amount	%
GROSS SALES (Notes 2 and 25)	\$ 309,655,614		\$ 341,983,355	
SALES RETURNS AND ALLOWANCES (Notes 2 and 8)	13,913,375		8,825,695	
NET SALES	295,742,239	100	333,157,660	100
COST OF SALES (Notes 3, 9, 19 and 25)	166,413,628	56	191,408,099	58
GROSS PROFIT	129,328,611	44	141,749,561	42
OPERATING EXPENSES (Note 19) Research and development General and administrative Marketing	21,593,398 11,285,478 4,487,849	7 4 2	21,480,937 11,096,599 4,736,657	7 3 1
Total operating expenses	37,366,725	13	37,314,193	11
INCOME FROM OPERATIONS	91,961,886	31	104,435,368	31
NON-OPERATING INCOME AND GAINS Interest income (Note 2) Settlement income (Note 28) Valuation gain on financial instruments, net (Notes 2, 5 and 24) Technical service income (Notes 25 and 28) Equity in earnings of equity method investees, net (Notes 2 and 10) Gain on settlement and disposal of financial assets, net (Notes 2 and 24)	2,600,925 1,464,915 594,660 367,013 45,994 15,999	1 1	5,373,823 951,180 1,181,966 701,533 721,050	2
Foreign exchange gain, net (Note 2) Others (Note 2)	564,042		1,227,653 664,244	1
Total non-operating income and gains	5,653,548	2	10,821,449	3

(Continued)

# Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries CONSOLIDATED STATEMENTS OF INCOME FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars, Except Earnings Per Share)

	2009 Amount %		2008 Amount %		
	7 mount	70	7 x mount	70	
NON-OPERATING EXPENSES AND LOSSES Impairment of financial assets (Notes 2, 6, 11 and 24) Foreign exchange loss, net (Note 2)	\$ 913,230 626,971	1	\$ 1,560,055	1	
Interest expense Valuation loss on financial instruments, net (Notes 2,	391,479		614,988		
5 and 24)			1,081,019		
Loss on idle assets (Note 2)	221 107		210,477		
Others (Note 2)	221,107		318,032		
Total non-operating expenses and losses	2,152,787	1	3,784,571	1	
INCOME BEFORE INCOME TAX	95,462,647	32	111,472,246	33	
INCOME TAX EXPENSE (Notes 2 and 18)	5,996,424	2	10,949,009	3	
NET INCOME	\$89,466,223	30	\$ 100,523,237	30	
ATTRIBUTABLE TO:					
Shareholders of the parent	\$89,217,836	30	\$ 99,933,168	30	
Minority interests	248,387		590,069		
	\$89,466,223	30	\$ 100,523,237	30	
	2009 Income Attributable		2008 Income Attributable		
	to		to		
	Shareholders of the Parent		Shareholder Paren		
	Before Income	After Income	Before Income	After Income	
EADNINGS DED SHADE (NITO NAME 22)	Tax	Tax	Tax	Tax	
EARNINGS PER SHARE (NT\$, Note 23) Basic earnings per share	\$ 3.68	\$ 3.45	\$ 4.26	\$ 3.84	
Diluted earnings per share	\$ 3.67	\$ 3.44	\$ 4.23	\$ 3.81	

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

(With Deloitte & Touche audit report dated January 22, 2010)

(Concluded)

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Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS EQUITY FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars, Except Dividends Per Share)

#### **Equity Attributable to Shareholders of the Parent**

								Others	
n			Retain	ned Earnings			Unrealized Gain		
111		Legal	Special			Cumulative	(Loss) on		
	Capital Surplus	Capital Reserve	Capital Reserve	Unappropriated Earnings		Translation Adjustments	Financial	Treasury Stock	Others Total
37	\$ 53,732,682	\$ 56,406,684	\$ 629,550	\$ 161,828,337	\$218,864,571	\$ (1,072,853)	\$ 680,997	\$ (49,385,032)	\$ (49,776,888)
		10,917,709		(10,917,709)					
			(237,693)	237,693					
				(3,939,883)	(3,939,883)				
3				(3,939,883)	(3,939,883)				
				(76,881,311)	(76,881,311)				
12				(512,542) (176,890)					
3	(768,813)								
				99,933,168	99,933,168				

(137,063)

						1,554,011			1,554,011
i6	166,884								
	102,279								
							(826,251)		(826,251)
							(142,088)		(142,088)
								(30,427,413)	(30,427,413)
8)	(3,220,714)			(63,293,563)	(63,293,563)			79,812,445	79,812,445
'3	49,875,255	67,324,393	391,857	102,337,417	170,053,667	481,158	(287,342)		193,816
		9,993,317		(9,993,317)					
			(391,857)	391,857					
				(76,876,312)	(76,876,312)				
)9 )9	6,076,289			(512,509)	(512,509)				
									101

53	(768,763)	89,217,836	89,217,836			
	115,418			(2,247,825)		(2,247,825)
22	187,811				622,541	622,541
					118,422	118,422

Note: TSMC s profit sharing to employees and bonus to directors in the amount of NT\$6,771,338 thousand and NT\$15,148,057 thousand, respectively, had been charged against earnings of 2009 and 2008. The accompanying notes are an integral part of the consolidated financial statements. (With Deloitte & Touche audit report dated January 22, 2010)

66 \$55,486,010 \$77,317,710 \$

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\$104,564,972 \$181,882,682 \$(1,766,667) \$ 453,621 \$

\$ (1,313,046)

## Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars)

	2009	2008
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income attributable to shareholders of the parent	\$ 89,217,836	\$ 99,933,168
Net income attributable to minority interests	248,387	590,069
Adjustments to reconcile net income to net cash provided by operating		
activities:		
Depreciation and amortization	80,814,748	81,512,191
Amortization of premium/discount of financial assets	21,483	(93,393)
Impairment of financial assets	913,230	1,560,055
Loss (gain) on disposal of available-for-sale financial assets, net	20,337	(637,219)
Gain on held-to-maturity financial assets redeemed by the issuer	(16,091)	
Gain on disposal of financial assets carried at cost, net	(20,245)	(83,831)
Equity in earnings of equity method investees, net	(45,994)	(701,533)
Dividends received from equity method investees	1,239,490	1,661,134
Gain on disposal of property, plant and equipment and other assets, net	(45,475)	(100,285)
Loss on idle assets		210,477
Deferred income tax	(1,752,409)	2,279,414
Changes in operating assets and liabilities:		
Decrease (increase) in:		
Financial assets and liabilities at fair value through profit or loss	(215,513)	1,412,531
Receivables from related parties	(12,117)	10,478
Notes and accounts receivable	(19,614,321)	22,180,805
Allowance for doubtful receivables	87,574	(246,056)
Allowance for sales returns and others	2,653,455	1,981,991
Other receivables from related parties	(21,374)	143,702
Other financial assets	7,834	(425,937)
Inventories	(6,037,106)	8,985,615
Prepaid expenses and other current assets	585,430	(443,462)
Increase (decrease) in:		
Accounts payable	4,916,885	(6,021,731)
Payables to related parties	293,150	(1,013,519)
Income tax payable	(531,576)	(1,794,303)
Salary and bonus payable	7,101,255	(17,670)
Accrued profit sharing to employees and bonus to directors and supervisors	(1,056,399)	15,369,730
Accrued expenses and other current liabilities	1,356,269	(3,936,757)
Accrued pension cost	95,448	36,062
Deferred credits	(237,726)	(858,161)
Net cash provided by operating activities	159,966,465	221 402 565
Net easil provided by operating activities	139,900,403	221,493,565
-8-		(Continued)
-0-		

## Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars)

	2009	2008
CASH FLOWS FROM INVESTING ACTIVITIES		
Acquisitions of:		
Property, plant and equipment	\$ (87,784,906)	\$ (59,222,654)
Available-for-sale financial assets	(38,800,577)	(85,273,867)
Held-to-maturity financial assets	(12,224,353)	(16,523,275)
Investments accounted for using equity method	(42,947)	(55,871)
Financial assets carried at cost	(321,195)	(463,211)
Proceeds from disposal or redemption of:		
Available-for-sale financial assets	36,039,978	138,515,023
Held-to-maturity financial assets	7,944,800	15,634,620
Financial assets carried at cost	131,075	199,424
Property, plant and equipment and other assets	24,241	194,940
Proceeds from return of capital by investees	,	2,345,867
Increase in deferred charges	(1,469,831)	(3,395,287)
Decrease in refundable deposits	34,056	10,570
Decrease (increase) in other assets	1,176	(8,163)
Decrease (increase) in other assets	1,170	(0,103)
Net cash used in investing activities	(96,468,483)	(8,041,884)
CASH FLOWS FROM FINANCING ACTIVITIES		
Proceeds from long-term bank loans	286,574	98,400
Repayments of:	,	,
Long-term bank loans	(378,673)	(468,313)
Bonds payable	(8,000,000)	, , ,
Decrease in guarantee deposits	(478,472)	(758,514)
Proceeds from exercise of employee stock options	260,533	227,150
Cash dividends	(76,876,312)	(76,779,032)
Profit sharing to employees in cash	, , , ,	(3,939,883)
Bonus to directors		(176,890)
Repurchase of treasury stock		(33,480,997)
Decrease in minority interests	(284,774)	(114,742)
2 4 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	(== :,, , , , )	(11.,7.2)
Net cash used in financing activities	(85,471,124)	(115,392,821)
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	(21,973,142)	98,058,860
EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS	(1,364,269)	1,568,404

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CASH AND CASH EQUIVALENTS, BEGINNING OF YEAR	194,613,752	94,986,488

CASH AND CASH EQUIVALENTS, END OF YEAR

(Continued)

\$ 171,276,341 \$ 194,613,752

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## Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries CONSOLIDATED STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (In Thousands of New Taiwan Dollars)

CLUDDI EL CENTA I INFORMATION		2009		2008
SUPPLEMENTAL INFORMATION Interest paid	\$	580,376	\$	676,318
Income tax paid	\$	8,088,124	\$ 1	0,477,018
INVESTING AND FINANCING ACTIVITIES AFFECTING BOTH CASH AND NON-CASH ITEMS Acquisition of property, plant and equipment Increase in payables to contractors and equipment suppliers Nonmonetary exchange trade-out price	\$	109,151,226 (21,361,340) (809)		0,978,527 (1,742,041)
Increase in obligations under capital leases		(4,171)		(13,832)
Cash paid	\$	87,784,906	\$ 5	9,222,654
Disposal of property, plant and equipment and other assets Nonmonetary exchange trade-out price	\$	25,050 (809)	\$	194,940
Cash received	\$	24,241	\$	194,940
Repurchase of treasury stock Decrease in accrued expenses and other current liabilities	\$			0,427,413 3,053,584
Cash paid	\$		\$3	3,480,997
NONCASH FINANCING ACTIVITIES Current portion of bonds payable	\$		\$	8,000,000
Current portion of long-term bank loans	\$	949,298	\$	222,398
Current portion of other long-term payables (under accrued expenses and other current liabilities)	\$	4,005,307	\$	1,126,546
The accompanying notes are an integral part of the consolidated financial statement	ıts.			
(With Deloitte & Touche audit report dated January 22, 2010)			(C	oncluded)
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Taiwan Semiconductor Manufacturing Company Limited and Subsidiaries NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008 (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 designing of integrated circuits and other semiconductor devices and the manufacturing of masks. 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, 2009 and 2008, TSMC and its subsidiaries had 26,390 and 24,834 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:

	Percentage of Ownership December 31				
Name of Investor	Name of Investee	2009	2008	Remark	
TSMC	TSMC North America TSMC Japan Limited (TSMC	100% 100%	100% 100%		
	Japan) TSMC Partners, Ltd. (TSMC Partners)	100%	100%		
	TSMC Korea Limited (TSMC Korea)	100%	100%		
	Taiwan Semiconductor Manufacturing Company Europe B.V. (TSMC Europe)	100%	100%		
	TSMC International Investment Ltd. (TSMC International)		100%	In June 2009, TSMC International was merged into TSMC Partners.	
	TSMC Global Ltd. (TSMC Global)	100%	100%		
	TSMC China Company Limited (TSMC China)	100%	100%		
	VentureTech Alliance Fund III, L.P. (VTAF III)	98%	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%	36%	TSMC has a controlling interest over the financial, operating and personnel hiring decisions of GUC.	
	Xintec Inc. (Xintec)	41%	42%	TSMC obtained three out of five director positions and has a controlling interest in Xintec.	
TSMC Partners	TSMC Design Technology Canada Inc. (TSMC Canada)	100%	100%		
	TSMC Technology, Inc. (TSMC Technology)	100%		Its previous shareholder, TSMC International, was merged into TSMC Partners in June 2009.	
		100%		raimeis in June 2009.	

	TSMC Development, Inc. (TSMC Development)			Its previous shareholder, TSMC International, was merged into TSMC Partners in June 2009.
	InveStar Semiconductor	97%		Its previous
	Development Fund, Inc. (ISDF)			shareholder, TSMC International, was merged into TSMC Partners in June 2009.
	InveStar Semiconductor	97%		Its previous
	Development Fund, Inc.			shareholder, TSMC
	(II) LDC. (ISDF II)			International, was merged into TSMC
				Partners in June 2009.
TSMC Development	WaferTech, LLC (WaferTech)	99.9%	99.9%	
VTAF III	Mutual-Pak Technology Co., Ltd. (Mutual-Pak)	59%	51%	
	Growth Fund Limited (Growth Fund)	100%	100%	
VTAF III, VTAF II and Emerging Alliance	VentureTech Alliance Holdings, LLC (VTA Holdings)	100%	100%	
				(Continued)
		-12-		

Name of Investor	Percentage of Ownership December 31				
	Name of Investee	2009	2008	Remark	
GUC	Global Unichip Corporation-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%		Newly established in February 2009.	

The following diagram presents information regarding the relationship and ownership percentages between TSMC and its consolidated investees as of December 31, 2009:

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, and GUC-Europe are engaged in providing products consulting in North America, Japan, and Europe, respectively. GUC-BVI is engaged in investing activities. Xintec is engaged in the provision of wafer packaging service. Mutual-Pak is engaged in the manufacturing and selling of electronic parts, and researching, developing and testing of RFID.

TSMC Partners and TSMC International were both 100% owned subsidiaries of TSMC. To simplify the organization structure of investment, TSMC Partners merged TSMC International in June 2009.

Chi Cherng and Hsin Ruey, both 100% owned subsidiaries of TSMC, were engaged in investing activities. To simplify the organization structure of investment, TSMC merged Chi Cherng and Hsin Ruey in the third quarter of 2008.

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, agency bonds, corporate issued notes and corporate 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.

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

Derivatives that do not meet the criteria for hedge accounting and financial assets acquired principally for the purpose of selling them in the near term are initially recognized at fair value, with transaction costs expensed as incurred. The derivatives and financial assets 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 determined as follows: Publicly traded stocks—closing prices at the end of the year; derivatives 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**

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.

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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 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 others 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 other charges. The amounts are amortized over the following periods: Technology license fees—the shorter of the estimated life of the technology or the term of the technology transfer contract; software and system design costs and other charges—2 to 5 years. 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 expenses 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.

#### **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.

#### **Treasury Stock**

Treasury stock is stated at cost and shown as a deduction in shareholders equity. When TSMC retires treasury stock, the treasury stock account is reduced and the common stock as well as the capital surplus additional paid-in capital are reversed on a pro rata basis. When the book value of the treasury stock exceeds the sum of the par value and additional paid-in capital, the difference is charged to capital surplus treasury stock transactions and to retained earnings for any remaining amount.

TSMC s stock held by its subsidiaries is treated as treasury stock and reclassified from investments accounted for using equity method to treasury stock. The gains resulted from disposal of the treasury stock held by subsidiaries and cash dividends received by subsidiaries from TSMC are recorded under capital surplus treasury stock transactions.

#### **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 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 a change 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.

Effective January 1, 2008, the Company adopted Interpretation 2007-052, Accounting for Bonuses to Employees, Directors and Supervisors, issued in March 2007 by the ARDF, 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. The adoption of this interpretation resulted in a decrease in net income and earnings per share (after income tax and retroactively adjusted for the issuance of stock dividend) of NT\$12,827,595 thousand and NT\$0.49, respectively, for the year ended December 31, 2008.

Effective January 1, 2008, the Company adopted SFAS No. 39, Accounting for Share-based Payment, which requires companies to record share-based payment transactions in the financial statements at fair value. Such a change in accounting principle did not have any effect on the Company s consolidated financial statements as of and for the year ended December 31, 2008.

#### 4. CASH AND CASH EQUIVALENTS

	December 31		
	2009	2008	
Cash and deposits in banks	\$ 167,448,973	\$ 185,943,439	
Repurchase agreements collateralized by government bonds	3,359,754	8,670,313	
Agency bonds	253,013		
Corporate issued notes	160,150		
Corporate bonds	54,451		
	\$ 171,276,341	\$ 194,613,752	

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

	Decem	December 31	
Trading financial assets	2009	2008	
Forward exchange contracts Cross currency swap contracts Publicly traded stocks	\$ 4,338 181,743	\$ 28,423 14,049 13,258	
	\$ 186,081	\$ 55,730	

Trading financial liabilities		
Forward exchange contracts Cross currency swap contracts	\$ 25	\$ 35,812 49,375
	\$ 25	\$ 85,187

The Company entered into derivative contracts during the years ended December 31, 2009 and 2008 to manage exposures due to the 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:

	Maturity Date	Contract Amount (In Thousands)
December 31, 2009	, and the second	(
Sell US\$/buy NT\$	February 2010	US\$21,300/NT\$686,788
December 31, 2008		
Sell US\$/buy NT\$	January 2009 to February 2009	US\$138,900/NT\$4,558,672
Sell EUR/buy NT\$	January 2009	EUR1,500/NT\$63,150
Sell RMB/buy US\$	January 2009 to April 2009	RMB55,010/US\$8,000
Sell US\$/buy JPY	January 2009 to February 2009	US\$131/JPY11,800
Outstanding cross curre	ency swap contracts consisted of the following:	

Outstanding cross currency swap contracts consisted of the following:

Maturity Date	Contract Amount (In Thousands)	Range of Interest Rates Paid	Range of Interest Rates Received			
December 31, 2009						
January 2010 to February 2010	US\$750,000/NT\$24,201,706	0.24%-0.70%	0.00%-0.38%			
December 31, 2008						
January 2009  US\$307,000/NT\$10,061,232  0.54%-5.00%  0.00%-3.83%  For the years ended December 31, 2009 and 2008, changes in fair value related to derivative financial instruments recognized in earnings was a net gain of NT\$594,660 thousand and a net loss of NT\$1,081,019 thousand, respectively.						

#### AVAILABLE-FOR-SALE FINANCIAL ASSETS

	Decen	December 31		
	2009	2008		
Corporate bonds	\$7,042,219	\$3,279,073		
Agency bonds	5,032,037	5,696,511		
Government bonds	2,341,780	340,893		
Publicly traded stocks	574,865	279,937		
Corporate issued notes	303,367			
Money market funds	283,713	1,000,086		
·		(Continued)		
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	December 31		
	2009	2008	
Open-end mutual funds Corporate issued asset-backed securities	\$ 170,014	\$ 2,334,873	
Current portion	15,747,995 (14,389,946)	12,931,373 (10,898,715)	
	\$ 1,358,049	\$ 2,032,658	

(Concluded)

For the years ended December 31, 2009 and 2008, the Company recognized impairment on available-for-sale financial assets of NT\$201,346 thousand and NT\$934,584 thousand, respectively.

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

December 31		
2009	2008	
\$ 15,120,048	\$ 18,158,679	
7,000,000	1,643,000	
3,378,037	1,506,572	
25,498,085	21,308,251	
(9,944,843)	(5,881,999)	
\$ 15,553,242	\$ 15,426,252	
	2009 \$ 15,120,048 7,000,000 3,378,037 25,498,085	

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

	Principal  Amount	Interest Receivable				Interest	Maturity Date
December 31, 2009							
Callable domestic deposits	\$ 7,000,000	\$	4,308	0.36%-0.95%	July 2010 to August 2011		
December 31, 2008							
Callable foreign deposits	\$ 1,643,000	\$	660	4.82%	December 2011		

As of December 31, 2008, the principal of the structured time deposits that resided in banks located in Hong Kong amounted to US\$50,000 thousand, which was called back in March 2009.

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

Movements of the allowance for doubtful receivables were as follows:

	Years Ended December 31		
	2009	2008	
Balance, beginning of year	\$ 455,751	\$ 701,807	
Provision	331,485	14,880	
Write-off	(243,911)	(260,936)	
Balance, end of year	\$ 543,325	\$ 455,751	
Movements of the allowance for sales returns and others were as follows:			
	Years Ended	December 31	
	2009	2008	
Balance, beginning of year	\$ 6,071,026	\$ 4,089,035	
Provision	13,913,375	8,825,695	
Write-off	(11,259,920)	(6,843,704)	
Balance, end of year	\$ 8,724,481	\$ 6,071,026	

#### 9. INVENTORIES

	December 31		
	2009	2008	
Finished goods	\$ 2,743,450	\$ 5,782,704	
Work in process	15,302,010	7,606,608	
Raw materials	1,541,599	334,363	
Supplies and spare parts	1,326,692	1,152,970	
	\$ 20,913,751	\$ 14,876,645	

Reversal of inventories within the original write-down amount to net realizable value in the amount of NT\$428,162 thousand, and write-down of inventories to net realizable value in the amount of NT\$1,660,854 thousand were included in the cost of sales for the years ended December 31, 2009 and 2008, respectively.

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

	December 31			
	2009		2008	}
		% of		% of
	Carrying Amount	Owner- ship	Carrying Amount	Owner- ship
Common stock				
Vanguard International Semiconductor Corporation				
(VIS)	\$ 9,365,232	37	\$ 9,787,275	37
Systems on Silicon Manufacturing Company Pte				
Ltd. (SSMC)	6,157,141	39	6,808,192	39
VisEra Holding Company (VisEra Holding)	2,273,065	49	2,277,126	49
Mcube Inc. (Mcube)	25,624	70		
Aiconn Technology Corporation (Aiconn)	18,116	42	34,565	44
Preferred stock	•		·	
Mcube	32,030	10		
	\$ 17,871,208		\$ 18,907,158	

The Company will subscribe through a private placement for new shares of Motech Industries Inc. (Motech) under a Share Subscription Agreement entered into on December 9, 2009. The total consideration is approximately NT\$6.2 billion (US\$193 million). After the subscription of shares, the Company will own 20% of the Motech shares. The transaction is still subject to Motech s shareholders—approval and regulatory approval.

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, 2009 and 2008, equity in earnings/losses of equity method investees was net gain of NT\$45,994 thousand and NT\$701,533 thousand, respectively. Related equity in earnings/losses of equity method investees were determined based on the audited financial statements, except for Mcube for the year ended December 31, 2009. The Company believes that, had 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, 2009 and 2008, fair values of publicly traded stocks in investments accounted for using equity method (VIS) were NT\$10,114,398 thousand and NT\$4,680,264 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	Years Ended December 31		
	2009	<b>2008</b> \$ 2,589,742 (599,121)		
Balance, beginning of year Amortization	\$ 1,990,621 (599,121)			
Balance, end of year	\$ 1,391,500	\$ 1,990,621		

As of December 31, 2009 and 2008, the ending balances of the aforementioned difference allocated to goodwill were both NT\$1,061,885 thousand.

#### 11. FINANCIAL ASSETS CARRIED AT COST

	Decem	December 31		
	2009			
Non-publicly traded stocks  Mutual funds	\$2,899,600	\$ 3,453,454		
Mutual funds	163,404	161,993		
	\$3,063,004	\$ 3,615,447		

In August 2009, the common stock of Leadtrend Technology Corporation ( Leadtrend ) was listed on the Taiwan Stock Exchange. Thus, the Company reclassified its investment in Leadtrend from financial assets carried at cost to available-for-sale financial assets-noncurrent.

For the years ended December 31, 2009 and 2008, the Company recognized impairment on financial assets carried at cost of NT\$711,884 thousand and NT\$625,471 thousand, respectively.

# 12. PROPERTY, PLANT AND EQUIPMENT

	Year Ended December 31, 2009							
	Balance,						Effect of Exchange	
	Beginning of Year	Additions	Disposals	Recla	assification		Rate Changes	Balance, End of Year
Cost			•				8	
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
	045,055,755	\$ 93,374,022	\$ (2,112,476)	) ф	21,033	Ψ	(2,073,400)	955,204,506
Accumulated depreciation 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
Advance payments and construction in	10 (05 002	ф 1 <i>5 532 2</i> 04	ď.	Φ.	(06.106)	¢	(1.605)	24151265
progress	18,605,882	\$ 15,576,604	\$	\$	(26,426)	\$	(1,695)	34,154,365

\$ 243,645,350 \$ 273,674,787

	Year Ended December 31, 2008						
	Balance, Beginning	Addition				Effect of Exchange Rate	Balance,
	of Year	(Deductions)	Disposals	Rec	lassification	Changes	<b>End of Year</b>
Cost							
Land and land							
improvements	\$ 942,197	\$	\$	\$	821	\$ 10,839	\$ 953,857
Buildings	118,640,027	12,750,078	(8,524)	)	(706)	869,121	132,249,996
Machinery and	646 410 407	50 400 075	(1.220.075)		121.067	1.046.140	607.400.742
equipment	646,419,427	50,423,075	(1,320,975)		131,067	1,846,149	697,498,743
Office equipment	11,829,640	997,253	(294,526)	)	(167,598)	66,031	12,430,800
Leased asset	652,296	13,832				56,211	722,339
	778,483,587	\$ 64,184,238	\$ (1,624,025)	) \$	(36,416)	\$ 2,848,351	843,855,735
Accumulated							
depreciation							
Land and land							
improvements	262,703	\$ 28,613	\$	\$		\$ 4,582	295,898
Buildings	63,239,922	9,117,602	(8,524)		393	332,306	72,681,699
Machinery and	, ,	, ,	, , ,	,		,	, ,
equipment	467,665,072	68,349,425	(1,179,517)	)	(35,055)	1,162,366	535,962,291
Office equipment	8,796,752	1,223,475	(293,433)	)	(84,663)	51,678	9,693,809
Leased asset	135,118	33,901				13,551	182,570
	540,099,567	\$ 78,753,016	\$ (1,481,474)	) \$	(119,325)	\$ 1,564,483	618,816,267
Advance payments							
and construction in	21.060.167	Φ (2.205.711)	Φ.	Φ.	(00.012)	Φ 44.422	10.605.003
progress	21,868,167	\$ (3,205,711)	\$	\$	(98,013)	\$ 41,439	18,605,882
	\$ 260,252,187						\$ 243,645,350

The Company entered into agreements to lease buildings that qualify as capital leases. The terms of the leases ranged from December 2003 to December 2013. The future minimum lease payments as of December 31, 2009 is NT\$787,093 thousand.

## 13. DEFERRED CHARGES, NET

	Balance,		Year Ende	d December 31, 2009	Effect of	
	Beginning of Year	Additions	Amortization	DisposaReclassification	Exchange Rate Changes	Balance, End of Year
Technology license fee Software and system design	\$4,125,212	\$ 2,000	\$ (902,061)	\$ \$ 378	\$ 5,095	\$ 3,230,624
costs	1,801,831	965,676	(928,583)	` ' '	(86)	1,834,528
Patent and others	1,198,785	502,601	(299,731)	(5,502)	(2,751)	1,393,402
	\$7,125,828	\$ 1,470,277	\$ (2,130,375)	\$ (9,434)	\$ 2,258	\$ 6,458,554
	Balance,		Year Ende	d December 31, 2008	Effect of	
	Beginning of				Exchange	Balance,
					Rate	End of
	Year	Additions	Amortization	DisposalReclassification		End of Year
Technology license fee Software and	<b>Year</b> \$ 5,819,148	<b>Additions</b> \$ 9,256	<b>Amortization</b> \$ (1,691,242)	DisposalReclassification \$ \$		
license fee Software and system design costs				•	on Changes	Year
license fee Software and system design	\$ 5,819,148	\$ 9,256	\$ (1,691,242)	\$ \$	on Changes \$ (11,950)	<b>Year</b> \$ 4,125,212

### 14. BONDS PAYABLE

	December 31	
	2009	2008
Domestic unsecured bonds: Issued in January 2002 and repayable in 2009 and 2012 in two installments,		
2.75% and 3.00% interest payable annually, respectively Current portion	\$4,500,000	\$ 12,500,000 (8,000,000)
	\$4,500,000	\$ 4,500,000

### 15. LONG-TERM BANK LOANS

**December 31** 

	2009	2008
Secured loans:		
Repayable from August 2009 in 17 quarterly installments, annual interest at		
0.67%-2.70% in 2009 and 2.56%-3.67% in 2008	\$ 788,263	\$728,400
US\$20,000 thousand, repayable in full in one lump sum payment in November 2010,		
annual interest at 0.68%-0.97% in 2009 and 3.62% in 2008	640,895	658,719
Repayable from December 2007 in 8 semi-annual installments, annual interest at		
1.10%-2.42% in 2009 and 2.42%-3.23% in 2008	98,700	168,750
Repayable from May 2007 in 16 quarterly installments, fully repaid in June 2009,		
annual interest at 2.42%-3.00%		37,828
Repayable from March 2007 in 12 quarterly installments, fully repaid in June 2009,		
annual interest at 2.53%-3.21%		32,472
		(Continued)
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	December 31	
	2009	2008
Repayable from April 2005 in 16 quarterly installments, annual interest at 2.42%-3.00% Repayable from February 2005 in 17 quarterly installments, annual interest at 2.56%-3.15%	\$	\$ 8,995 7,710
Current portion	1,527,858 (949,298)	1,642,874 (222,398)
	\$ 578,560	\$1,420,476
		(Concluded)

Pursuant to the loan agreements, financial ratios calculated based on annual audited financial statements of TSMC China have to meet certain financial covenants. As of December 31, 2009, TSMC China was not in compliance with part of the aforementioned financial covenants. However, this did not have a significant effect on the Company s financial position. According to the terms of Xintec s loan agreements, semi-annual and annual financial statements of Xintec must comply with predetermined financial covenants. As of December 31, 2009, Xintec was in compliance with all such financial covenants.

As of December 31, 2009, future principal repayments for the long-term bank loans were as follows:

Year of Repayment	Amount
2010	\$ 949,298
2011	275,503
2012	242,603
2013	60,454
	\$ 1,527,858

### 16. OTHER LONG-TERM PAYABLES

	December 31	
	2009	2008
Payables for acquisition of property, plant and equipment (Note 28g) Payables for royalties	\$ 8,355,395 1,252,332	\$ 8,579,726 2,095,046
Current portion (classified under accrued expenses and other current liabilities)	9,607,727 (4,005,307)	10,674,772 (1,126,546)
	\$ 5,602,420	\$ 9,548,226

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, 2009, future payments for other long-term payables were as follows:

Year of Payment	Amount
2010	\$ 4,005,307
2011	3,075,094
2012	2,527,326
	\$ 9 607 727

#### 17. 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 and TSMC Canada 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\$748,071 thousand and NT\$779,612 thousand for the years ended December 31, 2009 and 2008, 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

	2009	2008
Service cost Interest cost	\$ 166,480 150,647	\$ 151,656 171,345
Projected return on plan assets Amortization	(57,382) 29,924	(68,373) 4,461
Net periodic pension cost	\$ 289,669	\$ 259,089
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b. Reconciliation of funded status of the plans and accrued pension cost at December 31, 2009 and 2008

	2009	2008
Benefit obligation		
Vested benefit obligation	\$ 123,524	\$ 114,930
Nonvested benefit obligation	3,790,560	4,182,434
Accumulated benefit obligation	3,914,084	4,297,364
Additional benefits based on future salaries	2,643,695	3,263,413
Projected benefit obligation	6,557,779	7,560,777
Fair value of plan assets	(2,661,566)	(2,487,577)
Funded status	3,896,213	5,073,200
Unrecognized net transition obligation	(92,777)	(101,326)
Prior service cost	161,977	