Remark Media, Inc. Form SC 13D/A June 03, 2014

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

SCHEDULE 13D/A

Under the Securities Exchange Act of 1934

(Amendment No. 1)*

REMARK MEDIA, INC.

(Name of Issuer)

Common Stock, Par Value \$0.001 Per Share

(Title of Class of Securities)

40431N 10 4

(CUSIP Number)

Linda Schoemaker, Esq.

Blucora, Inc.

10900 NE 8th Street, Suite 800

Bellevue, WA 98004

(425) 201-6100

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

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May 30, 2014

(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Section 240. 13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be filed for the purposes of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP NO. 40431N 10 4

1. Names of Reporting Persons.

I.R.S. Identification Nos. of above persons (entities only).

InfoSpace, LLC

91-2096717

2. Check the Appropriate Box if a Member of a Group

(a) " (b) x

3. SEC Use Only

4. Source of Funds

OO - See Item 3 of Statement

5. Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)

6. Citizenship or Place of Organization

Delaware

Shares

Beneficially		0
	8.	Shared Voting Power
Owned By		

Each

- 738,950
- **Reporting** 9. Sole Dispositive Power

Person

With 0 10. Shared Dispositive Power 738,950

11. Aggregate Amount Beneficially Owned by Each Reporting Person

738,950

- 12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares "
- **13.** Percent of Class Represented by Amount in Row (11)

6.32%*

14. Type of Reporting Person

00

* Percentage calculated based on the 11,688,926 outstanding shares of Remark Media, Inc. Common Stock reflected on the Issuer s Form 10-Q filed on May 15, 2014.

CUSIP NO. 40431N 10 4

1. Names of Reporting Persons.

I.R.S. Identification Nos. of above persons (entities only).

Blucora, Inc.

91-1718107

2. Check the Appropriate Box if a Member of a Group

(a) " (b) x

3. SEC Use Only

4. Source of Funds

OO - See Item 3 of Statement

5. Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)

6. Citizenship or Place of Organization

Delaware

Number of	7.	Sole Voting Power
Number of	7.	Sole voting rower

Shares

Beneficially 0 8. Shared Voting Power Owned By

Each

- 738,950
- Reporting9.Sole Dispositive Power

Person

With 0 10. Shared Dispositive Power 738,950

11. Aggregate Amount Beneficially Owned by Each Reporting Person

738,950

- 12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares "
- **13.** Percent of Class Represented by Amount in Row (11)

6.32%*

14. Type of Reporting Person

CO

* Percentage calculated based on the 11,688,926 outstanding shares of Remark Media, Inc. Common Stock reflected on the Issuer s Form 10-Q filed on May 15, 2014.

This Amendment to Schedule 13D is being filed jointly by InfoSpace LLC (InfoSpace) and Blucora, Inc. (Blucora). InfoSpace is a wholly-owned subsidiary of Blucora. As a result, Blucora may be deemed to beneficially own indirectly the shares of common stock, par value \$0.001 (the Common Stock) of Remark Media, Inc., a Delaware corporation (the Company , beneficially owned by InfoSpace.

Item 2 Identity and Background

The name, business address, present principal occupation or employment; name, principal business and address of any corporation or other organization in which such employment is conducted; and citizenship of each executive officer and director of Blucora and InfoSpace is set forth in Annex I attached hereto.

(d)-(e) During the past five years, neither Blucora nor InfoSpace, nor, to the best knowledge of Blucora or InfoSpace, any of its executive officers or directors, has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors), or has been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

Item 3 Source and Amount of Funds or Other Consideration

On April 18, 2014, InfoSpace and Blucora, Inc. entered into an Asset Purchase Agreement with Discovery Communications, LLC (Discovery) and HowStuffWorks LLC (HSWLLC) (the Asset Purchase Agreement), pursuant to which InfoSpace and Blucora agreed to purchase, and Discovery and HSWLLC agreed to sell, certain assets relating to the operation of a digital reference business under the HowStuffWorks brand (the Asset Purchase). The Asset Purchase was consummated on May 30, 2014. In connection with the consummation of the Asset Purchase, InfoSpace, HSWLLC and Discovery entered into a Stock Purchase Agreement pursuant to which InfoSpace purchased 738,950 shares of Remark Media Common Stock owned by HSWLLC (the Subject Securities) at a purchase price of \$6.1221 per share (the Stock Purchase). The Stock Purchase was consummated simultaneous with the consummation of the Asset Purchase. The funds used to purchase the Subject Securities were obtained from cash on hand.

The description of the Stock Purchase Agreement contained herein does not purport to be complete and is qualified in its entirety by the Stock Purchase Agreement filed as Exhibit 7.2 hereto.

Item 4 Purpose of Transaction

The Reporting Persons acquired the Subject Securities for investment purposes. The Reporting Persons have no present plans or proposals that relate to or would result in any of the actions described in subparagraphs (a) through (j) of Item 4 of Schedule 13D. The Reporting Persons do, however, reserve the right in the future to adopt such plans or proposals subject to compliance with applicable regulatory requirements.

Item 5 Interest in Securities of the Issuer

(a) and (b) InfoSpace beneficially owns 738,950 shares of Common Stock as a result of its acquisition of the Subject Securities on May 30, 2014. InfoSpace has shared voting and dispositive power over 738,950 shares of Common Stock. Blucora may be deemed to have indirect beneficial ownership of 738,950 shares of Common Stock due to its ownership and control of InfoSpace.

(c) None of Blucora, InfoSpace or any of the persons listed on Annex I attached hereto have effected any transactions involving Common Stock within the 60 days prior to this filing.

Item 6 Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer The information set forth in Items 2 5 is hereby incorporated by reference into this Item 6.

Item 7 Material to be Filed as Exhibits

Exhibit 7.2: Stock Purchase Agreement

Signature.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Statement is true, complete and correct.

Date: June 3, 2014

InfoSpace, LLC

/s/ William J. Ruckelshaus Name: William J. Ruckelshaus

Title: Chief Executive Officer

Blucora, Inc.

/s/ William J. Ruckelshaus Name: William J. Ruckelshaus

Title: Chief Executive Officer

Annex I

The following tables set forth the name, business address and present principal occupation or employment (along with the name, principal business and address of any corporation or other organization in which such employment is conducted) and citizenship of each executive officer of InfoSpace, LLC, which is managed by its sole member, Blucora, Inc.

Principal Occupation or

		Finicipal Occupation of	
Name	Business Address	Employment	Citizenship
William J. Ruckelshaus	Blucora, Inc.	Chief Executive Officer	USA
	10900 NE 8th Street, Suite 800		
	Bellevue, WA 98004		
Michael J. Glover	Blucora, Inc.	President	USA
	10900 NE 8th Street, Suite 800		
	Bellevue, WA 98004		
Eric M. Emans	Blucora, Inc.	Chief Financial Officer	USA
	10900 NE 8th Street, Suite 800	and Treasurer	
	Bellevue, WA 98004		
Linda A. Schoemaker	Blucora, Inc.	Secretary	USA
	10900 NE 8th Street, Suite 800		

Bellevue, WA 98004

The following tables set forth the name, business address and present principal occupation or employment (along with the name, principal business and address of any corporation or other organization in which such employment is conducted) and citizenship of each director and executive officer of Blucora, Inc.

	Principal Occupation or					
Name	Business Address	Employment	Citizenship			
William J. Ruckelshaus	Blucora, Inc.	President, Chief Executive	USA			

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	10900 NE 8th Street, Suite 800	Officer, and Director	
	Bellevue, WA 98004		
George M. Allen	Blucora, Inc.	Executive Vice President of	USA
	10900 NE 8th Street, Suite 800	Corporate Development	
	Bellevue, WA 98004		
Eric M. Emans	Blucora, Inc.	Chief Financial Officer and	USA
	10900 NE 8th Street, Suite 800	Treasurer	
	Bellevue, WA 98004		
Michael J. Glover	Blucora, Inc.	President, InfoSpace	USA
	10900 NE 8th Street, Suite 800		
	Bellevue, WA 98004		
JoAnn Z. Kintzel	Blucora, Inc.	President, TaxACT	USA
	10900 NE 8th Street, Suite 800		
	Bellevue, WA 98004		
Ajay Kumar	Blucora, Inc.	President, Monoprice	USA
	10900 NE 8th Street, Suite 800		
	Bellevue, WA 98004		
Linda A. Schoemaker	Blucora, Inc.	General Counsel and Secretary	USA
	10900 NE 8th Street, Suite 800	Secretary	
	Bellevue, WA 98004		

John Cunningham IV	Blucora, Inc.	General partner of Clear Fir Partners, L.P., a venture capital	USA
	10900 NE 8th Street, Suite 800	investment partnership	
	Bellevue, WA 98004		
David Chung	Blucora, Inc.	Private investor	USA
	10900 NE 8th Street, Suite 800		
	Bellevue, WA 98004		
Lance Dunn	Blucora, Inc.	Retired	USA
	10900 NE 8th Street, Suite 800		
	Bellevue, WA 98004		
Steven Hooper	Blucora, Inc.	Founding Partner, Ignition	USA
	10900 NE 8th Street, Suite 800	Partners	
	Bellevue, WA 98004		
Elizabeth Huebner	Blucora, Inc.	Retired	USA
	10900 NE 8th Street, Suite 800		
	Bellevue, WA 98004		
Andrew Snyder	Blucora, Inc.	CEO of Cambridge	USA
	10900 NE 8th Street, Suite 800	Information Systems	
	Bellevue, WA 98004		
Christopher Walters	Blucora, Inc.	Chief Operating Officer,	USA
	10900 NE 8th Street, Suite 800	The Weather Company	
D "#000000"	Bellevue, WA 98004		
R="#000000">			

Total current liabilities

31,147,508 8 39,831,782 10

LONG-TERM LIABILITIES

Long-term bank loans (Note 12)

8,800,302 2 11,051,454 3

Long-term bonds payables (Note 13)

30,000,000 7 35,000,000 9

Other long-term payables (Note 14)

3,300,829 1 4,281,665 1

Total long-term liabilities

42,101,131 10 50,333,119 13

OTHER LIABILITIES

Accrued pension cost (Notes 2 and 15)

2,601,450 1 2,211,560 1

Guarantee deposits (Note 24)

763,889 1,395,066

Others

1,483,245 822,167

Total other liabilities

4,848,584 1 4,428,793 1

MINORITY INTEREST IN SUBSIDIARIES (Note 2)

88,999 95,498

Total liabilities

78,186,222 19 94,689,192 24

SHAREHOLDERS EQUITY (Notes 2 and 18)

Capital stock \$10 par value

Authorized: 24,600,000 thousand shares

Issued: Common 20,266,619 thousand shares in 2003 and 18,622,887 thousand shares in 2002

202,666,189 50 186,228,867 48

Preferred 1,300,000 thousand shares

13,000,000 3

Capital surplus:

Merger and others (Note 2)

56,802,829 14 56,961,753 15

Treasury stock (Notes 3 and 20)

53,056 43,036

Retained earnings:

Appropriated as legal reserve

20,802,137 5 18,641,108 5

Appropriated as special reserve

68,945

Unappropriated earnings

50,229,008 12 22,151,089 5

Others:

Unrealized loss on long-term investments (Note 2)

(35) (194,283)

Cumulative translation adjustments (Note 2)

225,408 945,129

Treasury stock (at cost) 40,597 thousand shares in 2003 and 42,001 thousand in 2002 (Notes 2, 3 and 20)

(1,633,228) (1,923,492)

Total shareholders equity

329,214,309 81 295,853,207 76

TOTAL LIABILITIES AND SHAREHOLDERS EQUITY

\$407,400,531 100 \$390,542,399 100

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English Translation of Financial Statements Originally Issued in Chinese

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF INCOME

FOR THE YEARS ENDED DECEMBER 31, 2003 AND 2002

(In Thousand New Taiwan Dollars, Except Consolidated Earnings Per Share)

	2003		2002	
	Amount	%	Amount	%
GROSS SALES (Notes 2, 22 and 26)	\$ 207,279,137		\$ 166,187,670	
SALES RETURNS AND ALLOWANCES (Note 2)	(4,282,325)		(3,886,462)	
NET SALES	202,996,812	100	162,301,208	100
COST OF SALES (Notes 17 and 22)	128,113,334	63	109,988,058	68
GROSS PROFIT	74,883,478	37	52,313,150	32
OPERATING EXPENSES (Notes 22 and 26)				
Research and development	12,712,695	6	11,725,035	7
General and administrative	8,199,965	4	6,767,756	5
Marketing	2,670,237	2	2,231,320	1
Total operating expenses	23,582,897	12	20,724,111	13
INCOME FROM OPERATIONS	51,300,581	25	31,589,039	19
NON-OPERATING INCOME AND GAINS (Note 26)				
Gain on sales of investments net (Note 2)	3,538,081	2		
Interest (Notes 2 and 25)	888,107	1	1,094,724	1
Gain on sales of property, plant and equipment (Note 2)	438,809	-	273,998	-
Technical service income (Notes 22 and 23)	209,764		162,149	
Royalty income (Note 23)	,		527,126	
Other (Note 22)	594,551		291,860	
	5 ((0.212		2 240 957	
Total non-operating income and gains	5,669,312	3	2,349,857	1
NON-OPERATING EXPENSES AND LOSSES (Note 26)				
Interest (Notes 2, 9 and 25)	1,891,009	1	2,616,740	2
Loss on impairment of property, plant and equipment and idle assets (Note 2)	1,506,199	1	244,430	
Foreign exchange loss net (Notes 2 and 25)	755,100	1	120,568	
Loss on impairment of long-term investments (Note 2)	652,718		795,674	1
Loss on sales of property, plant and equipment (Note 2)	374,126		221,955	
Investment loss recognized by equity method net (Notes 2 and 8)	294,244		1,976,847	1
Amortization of premium from option contracts net (Notes 2 and 25)	153,783		419,513	

(Continued)

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English Translation of Financial Statements Originally Issued in Chinese

	2003		2002	
	Amount	%	Amount	%
Loss on sales of investments net (Note 2)	\$		\$ 101,221	
Casualty loss net (Note 2)			119,485	
Other	164,069		100,315	
		—		_
Total non-operating expenses and losses	5,791,248	3	6,716,748	4
		—		—
INCOME BEFORE INCOME TAX (Note 26)	51,178,645	25	27,222,148	16
INCOME TAX EXPENSE (Notes 2 and 16)	3,922,957	2	5,636,648	3
		—		—
INCOME BEFORE MINORITY INTEREST	47,255,688	23	21,585,500	13
MINORITY INTEREST IN LOSS OF SUBSIDIARIES (Notes 2 and 26)	3,012		24,791	
		—		—
CONSOLIDATED NET INCOME	\$47,258,700	23	\$21,610,291	13

	Income		Income	
	Before		Before	
	Income Tax		Income Tax	
	and Minority	Consolidated	and Minority	Consolidated
	Interest	Net Income	Interest	Net Income
CONSOLIDATED EARNINGS PER SHARE (Note 21)				
Basic earnings per share	\$ 2.52	\$ 2.33	\$ 1.32	\$ 1.05
Diluted earnings per share	\$ 2.52	\$ 2.33	\$ 1.32	\$ 1.05

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

(With Deloitte & Touche report dated January 12, 2004)

(Concluded)

English Translation of Financial Statements Originally Issued in Chinese

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS EQUITY

FOR THE YEARS ENDED DECEMBER 31, 2003 AND 2002

(In Thousand New Taiwan Dollars)

	Capital Stock Issued			Capital Surplus							
	Preferred stock		Common stock			Additional	From	Excess on foreign	Gain on		
	Shares (thousand)	Amount	Shares (thousand)	Amount	From merger	From paid-in	paid-in long-term	bond	sales of	Treasury onationstock	Total
BALANCE, JANUARY 1, 2002	1 200 000	\$ 13,000,000	16 922 554	\$ 168,325,531	\$ 24 122 207	¢ 02 170 550) ¢ 246 291	\$ 0 410 622	¢ 166 510	¢ 55 ¢	\$ 57,128,433
Appropriations of prior year s earnings Legal reserve Special reserve	1,300,000	\$ 15,000,000	10,652,554	\$ 106,525,551	\$ 24,132,297	φ 23,172,330	5 240,381	\$ 9,410,032	\$ 100,518	\$ <i>CC</i> \$	\$ <i>31</i> ,120,4 <i>33</i>
Bonus to employees stock			107,078	1,070,783							
Cash dividends paid for preferred stocks			,	-,,							
Stock dividends 10%			1,683,255	16,832,553							
Remuneration to directors and supervisors											
Net income in 2002											
Transfer of the capital surplus from gain on sales of property, plant and equipment											
to retained earnings Transfer of the									(166,518)	I	(166,518)
capital surplus from gain on sales of											
property, plant and equipment of investees to											
retained earnings							(162)				(162)
Unrealized loss on long-term											

from investees Translation adjustments Reclassification of stocks of												
parent company held by subsidiaries from long-term investments to												
treasury stock Capital surplus												
resulted from sales of treasury stock										43,036	43,036	
BALANCE, DECEMBER 31, 2002	1,300,000	13,000,000	18,622,887	186,228,867	24,132,297	23,172,550	246,219	9,410,632	55	43,036	57,004,789	
Redemption and retirement of preferred stock	(1,300,000)	(13,000,000)										
Appropriations of prior year s earnings	(1,505,000)	(10,000,000)										
Legal reserve Special reserve												
Bonus to employees stock			153,901	1,539,013								
Cash dividends paid for preferred stocks			155,501	1,559,015								
Stock dividends 8%			1,489,831	14,898,309								
Remuneration to directors and			1,109,031	11,090,509								
supervisors Net income in												
2003 Adjustment												
arising from changes in ownership												
percentage in investees							(158,924)				(158,924)	
Reversal of unrealized loss on long-term												
investment of investees												
Translation adjustments												
Sale of treasury stock										10,020	10,020	
BALANCE,												
DECEMBER 31, 2003		\$	20,266,619	\$ 202,666,189 \$	\$ 24,132,297	\$ 23,172,550	\$ 87,295	\$ 9,410,632 \$	\$ 55 5	\$ 53,056 \$	56,855,885	
				Retained Earnings			Unrealized Loss on Long-term	Translation	Treasury Stock			
					ropriated mings	Total	Investment			4		

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BALANCE, JANUARY 1, 2002	\$ 17,180,067	\$ 349,941	\$	19,977,402	\$ 37,507,410	\$	\$ 1,228,701	\$	\$ 277,190,075
Appropriations of prior year s earnings									
Legal reserve	1,448,317			(1,448,317)					
Special reserve	1,440,517	(349,941)		349,941					
Bonus to employees stock		(34),941)		(1,070,783)	(1,070,783)				
Cash dividends paid for preferred				(1,070,700)	(1,070,700)				
stocks				(455,000)	(455,000)				(455,000)
Stock dividends 10%			(16,832,553)	(16,832,553)				(/ /
Remuneration to directors and			,	,					
supervisors				(133,848)	(133,848)				(133,848)
Net income in 2002				21,610,291	21,610,291				21,610,291
Transfer of the capital surplus									
from gain on sales of property,									
plant and equipment to retained									
earnings	12,724			153,794	166,518				
Transfer of the capital surplus									
from gain on sales of property,									
plant and equipment of investees									
to retained earnings				162	162				
Unrealized loss on long-term						(10,1,000)			(10.1.000)
investments from investees						(194,283)	(202.572)		(194,283)
Translation adjustments							(283,572)		(283,572)
Reclassification of stocks of parent									
company held by subsidiaries from long-term investments to treasury									
stock								(1,923,492)	(1,923,492)
Capital surplus resulted from sales								(1,923,492)	(1,923,492)
of treasury stock									43,036
									10,000
BALANCE, DECEMBER 31,									
2002	18,641,108		,	22,151,089	40,792,197	(194,283)	945,129	(1,923,492)	295,853,207
Redemption and retirement of	10,041,100		•	22,131,007	40,772,177	(1)4,203)	J=J,12J	(1,725,472)	275,655,207
preferred stock									(13,000,000)
Appropriations of prior year s									(15,000,000)
earnings									
Legal reserve	2,161,029			(2,161,029)					
Special reserve	, . ,	68,945		(68,945)					
Bonus to employees stock		,		(1,539,013)	(1,539,013)				
Cash dividends paid for preferred									
stocks				(455,000)	(455,000)				(455,000)
Stock dividends 8%			(14,898,309)	(14,898,309)				
Remuneration to directors and									
supervisors				(58,485)	(58,485)				(58,485)
Net income in 2003			4	47,258,700	47,258,700				47,258,700
Adjustment arising from changes									
in ownership percentage in									
investees									(158,924)
Reversal of unrealized loss on						10 1 2 10			101010
long-term investment of investees						194,248	(310.321)		194,248
Translation adjustments							(719,721)	200.064	(719,721)
Sale of treasury stock								290,264	300,284
BALANCE, DECEMBER 31,									
BALANCE, DECEMBER 31, 2003	\$ 20,802,137	\$ 68,945	\$:	50,229,008	\$ 71,100,090	(\$35)	\$ 225,408	(\$1,633,228)	\$ 329,214,309

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

(With Deloitte & Touche report dated January 12, 2004)

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English Translation of Financial Statements Originally Issued in Chinese

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS

FOR THE YEARS ENDED DECEMBER 31, 2003 AND 2002

(In Thousand New Taiwan Dollars)

	2003	2002
CASH FLOWS FROM OPERATING ACTIVITIES		
Consolidated net income	\$ 47,258,700	\$ 21,610,291
Adjustments to reconcile consolidated net income to net cash provided by operating activities:	φ 17,250,700	\$ 21,010,291
Depreciation and amortization	69,161,317	65,000,873
Deferred income taxes	3,665,383	5,421,020
Investment loss recognized by equity method net	294,244	1,976,847
Loss on impairment of property, plant and equipment, and idle assets	1,506,199	244,430
Loss on impairment of long-term investments	652,718	795,674
Loss (gain) on sales of long-term investments net	(78,694)	170,831
Gain on sales of property, plant and equipment net	(64,683)	(52,043)
Accrued pension cost	389,890	355,705
Allowance for doubtful receivables	87,405	(167,499)
Allowance for sales returns and others	(236,672)	(209,036)
Minority interest in loss of subsidiaries	(3,012)	(24,791)
Changes in operating assets and liabilities:		
Decrease (increase) in:		
Receivable from related parties	(612,516)	55,073
Notes receivable	50,347	116,342
Accounts receivable	(8,964,567)	426,934
Inventories net	(933,878)	(1,373,118)
Other financial assets	(347,161)	(162,642)
Prepaid expenses and other current assets	605,001	(330,819)
Increase (decrease) in:		
Payable to related parties	1,472,140	727,876
Accounts payable	1,300,012	3,740,713
Accrued expenses and other current liabilities	834,941	184,564
Net cash provided by operating activities	116,037,114	98,507,225
CASH FLOWS FROM INVESTING ACTIVITIES		
Decrease (increase) of short-term investments	(13,026,055)	1,184,419
Acquisitions of:		
Long-term investments	(1,412,335)	(3,192,427)
Property, plant and equipment	(37,870,907)	(55,235,458)
Proceeds from sales of:		
Long-term investments	505,702	53,048
Property, plant, and equipment	177,312	495,878
Increase in deferred charges	(2,138,087)	(5,724,583)
Decrease in refundable deposits	357,744	226,823
Decrease in other assets	4,610	2,711

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Increase (decrease) in minority interest in subsidiaries	(3,487)	49
Net cash used in investing activities	(53,405,503)	(62,189,540)

(Continued)

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English Translation of Financial Statements Originally Issued in Chinese

Remuneration paid to directors and supervisors Proceeds from issuance of long-term bonds Increase in issuance costs of financing	(\$309,807) (8,915,557) (4,000,000) (631,177) (455,000) (13,000,000) (58,485)	(\$5,539,368) (4,397,306) (5,817,622) (455,000) (133,848) 10,000,000
Short-term bank loans Long-term bank loans Long-term bonds Decrease in guarantee deposits Cash dividends paid for preferred stocks Redemption of preferred stock Remuneration paid to directors and supervisors Proceeds from issuance of long-term bonds Increase in issuance costs of financing	(8,915,557) (4,000,000) (631,177) (455,000) (13,000,000)	(4,397,306) (5,817,622) (455,000) (133,848) 10,000,000
Short-term bank loans Long-term bank loans Long-term bonds Decrease in guarantee deposits Cash dividends paid for preferred stocks Redemption of preferred stock Remuneration paid to directors and supervisors Proceeds from issuance of long-term bonds Increase in issuance costs of financing Net cash used in financing activities	(8,915,557) (4,000,000) (631,177) (455,000) (13,000,000)	(4,397,306) (5,817,622) (455,000) (133,848) 10,000,000
Long-term bank loans Long-term bonds Decrease in guarantee deposits Cash dividends paid for preferred stocks Redemption of preferred stock Remuneration paid to directors and supervisors Proceeds from issuance of long-term bonds Increase in issuance costs of financing Net cash used in financing activities	(8,915,557) (4,000,000) (631,177) (455,000) (13,000,000)	(4,397,306) (5,817,622) (455,000) (133,848) 10,000,000
Long-term bonds Decrease in guarantee deposits Cash dividends paid for preferred stocks Redemption of preferred stock Remuneration paid to directors and supervisors Proceeds from issuance of long-term bonds Increase in issuance costs of financing	(4,000,000) (631,177) (455,000) (13,000,000)	(5,817,622) (455,000) (133,848) 10,000,000
Decrease in guarantee deposits Cash dividends paid for preferred stocks Redemption of preferred stock Remuneration paid to directors and supervisors Proceeds from issuance of long-term bonds Increase in issuance costs of financing	(631,177) (455,000) (13,000,000)	(455,000) (133,848) 10,000,000
Cash dividends paid for preferred stocks Redemption of preferred stock Remuneration paid to directors and supervisors Proceeds from issuance of long-term bonds Increase in issuance costs of financing	(13,000,000)	(133,848) 10,000,000
Remuneration paid to directors and supervisors Proceeds from issuance of long-term bonds Increase in issuance costs of financing Net cash used in financing activities	(13,000,000)	10,000,000
Remuneration paid to directors and supervisors Proceeds from issuance of long-term bonds Increase in issuance costs of financing Net cash used in financing activities	(58,485)	10,000,000
Increase in issuance costs of financing Net cash used in financing activities		
Net cash used in financing activities		
-		(3,002)
-	(27,370,026)	(6,346,146)
NET INCREASE IN CASH AND CASH EQUIVALENTS		
	35,261,585	29,971,539
EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS	(62,893)	262,370
CASH AND CASH EQUIVALENTS, BEGINNING OF THE YEAR	67,790,204	37,556,295
CASH AND CASH EQUIVALENTS, END OF THE YEAR \$	102,988,896	\$ 67,790,204
SUPPLEMENTAL INFORMATION		
Interest paid (excluding amounts capitalized of NT\$139,516 thousand and NT\$213,686 thousand in 2003		
and 2002, respectively) \$	1,982,594	\$ 2,301,765
Income tax paid \$	218,954	\$ 165,121
-		
Noncash investing and financing activities:		
Current portion of long-term liabilities \$	5,000,000	\$ 12,107,899
Current portion of other long-term payables \$	1,591,972	\$ 1,157,299
Reclassification of long-term investments to short-term investment \$	140,984	\$ 43,640
	1.0,701	,.
Reclassification of parent company stock held by subsidiaries from long-term investments to treasury stock \$		

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

(With Deloitte & Touche report dated January 12, 2004)

(Concluded)

English Translation of Financial Statements Originally Issued in Chinese

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Amounts in Thousand New Taiwan Dollars, Unless Specified Otherwise)

1. GENERAL

Taiwan Semiconductor Manufacturing Company Ltd. (TSMC), a Republic of China (R.O.C.) corporation, was incorporated as a venture among the Government of the R.O.C., acting through the Development Fund of the Executive Yuan; Koninklijke Philips Electronics N.V. and certain of its affiliates (Philips); and certain other private investors. In September 1994, its shares were listed on the Taiwan Stock Exchange (TSE). On October 8, 1997, TSMC listed its shares of stock on the New York Stock Exchange (NYSE) in the form of American Depositary Shares (ADSs).

TSMC is engaged in the manufacturing, selling, packaging, testing and designing of integrated circuits and other semiconductor devices, and the manufacturing of masks.

TSMC has six direct wholly-owned subsidiaries: TSMC International Investment Ltd. (TSMC International), TSMC North America (TSMC North America), Taiwan Semiconductor Manufacturing Company Europe B.V (TSMC Europe), TSMC Japan K. K. (TSMC Japan), TSMC Shanghai Company Limited (TSMC Shanghai, a newly established entity in 2003), and TSMC Partners, Ltd. (TSMC Partners). In addition, TSMC has the following consolidating subsidiaries: A 99.5% owned subsidiary, Emerging Alliance Fund, L.P. (Emerging Alliance) and two 36% owned affiliates Chi Cherng Investment Co., Ltd. (Chi Cherng, which is 36% owned by TSMC and 64% owned by Hsin Ruey Investment Co., Ltd. (Hsin Ruey, which is 36% owned by TSMC and 64% owned by Chi Cherng). TSMC International has two wholly-owned subsidiaries TSMC Development, Inc. (TSMC Development) and TSMC Technology, Inc. (TSMC Technology), and two 97% owned subsidiaries InveStar Semiconductor Development Fund, Inc. (II) LDC (InveStar II). TSMC Development has a 99.996% owned subsidiary, WaferTech, LLC (WaferTech).

The following diagram presents information regarding the relationship and ownership percentages among TSMC and its consolidated subsidiaries as of December 31, 2003:

TSMC North America is engaged in the sales and marketing of integrated circuits and semiconductor devices. TSMC Europe, TSMC Japan, TSMC Development and TSMC Technology are engaged mainly in marketing and engineering support activities. TSMC Shanghai is engaged in integrated circuits and other wafer equipment manufacturing and marketing. TSMC Partners, Chi Cherng and Hsin Ruey are engaged in investments. TSMC International is engaged in providing investment in companies involved in design, manufacture, and other related business in semiconductor industries. Emerging Alliance, InveStar and InveStar II are engaged in investing in new start-up technology companies. WaferTech is engaged in the manufacturing, selling, testing and designing of integrated circuits and other semiconductor devices.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The consolidated financial statements are presented in conformity with the Guidelines for Securities Issuers Financial Reporting and Accounting Principles generally accepted in the R.O.C. Significant accounting policies are summarized as follows:

Consolidation

TSMC consolidates the accounts of all majority (directly and indirectly) owned subsidiaries. All significant intercompany balances and transactions have been eliminated. The consolidated financial statements include, as of and for the years ended December 31, 2003 and 2002, the accounts of TSMC, TSMC North America, TSMC Europe, TSMC Japan, TSMC Shanghai, TSMC Partners, Emerging Alliance, Chi Cherng, Hsin Ruey and TSMC International and its subsidiaries, InveStar, InveStar II, TSMC Development (including WaferTech) and TSMC Technology. Ya Xin Technology, Inc. (Ya Xin), one of the consolidated entities in 2002, was dissolved after merging with Global UniChip Corp. (GUC) on January 4, 2003. Therefore, Ya Xin is not a consolidated entity in the consolidated financial statements of 2003. The Company s consolidated financial statements of 2002 are not restated due to Ya Xin is not material to the Company. TSMC and the foregoing subsidiaries are hereinafter referred to collectively as the Company .

Minority interests in WaferTech (0.004% in 2003 and 0.006% in 2002), Emerging Alliance (0.5%), InveStar (3%) and InveStar II (3%) are presented separately in the consolidated financial statements.

Classification of Current and Non-current Assets and Liabilities

Current assets are those expected to be converted to cash, sold or consumed within one year from the balance sheet date. Current liabilities are obligations due on demand within one year from the balance sheet date. Assets and liabilities that are not classified as current are non-current assets and liabilities, respectively.

Cash Equivalents

Government bonds under repurchase agreements acquired with maturities less than three months from date of purchase are classified as cash equivalents.

Short-term Investments

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Short-term investments consist of government bonds, money market funds, government bonds acquired under repurchase agreements, bond funds and listed stocks. The investments are carried at the lower of cost or market value. Cash dividends are recorded as investment income in the current period. An allowance for decline in value is provided and is charged to current period earnings when the aggregate carrying value of the investments exceeds the aggregate market value. A reversal of the allowance is recorded for a subsequent recovery of the market value. The cost of investments sold is accounted for using the weighted-average method.

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The market values of government bonds are determined using the average of bid and ask prices of the government bonds. The market value of funds is determined using the net asset value of the funds, and the market value of listed stocks is determined using the average-closing price of the listed stocks for the last month of the period.

Allowance for Doubtful Receivables

Allowances for doubtful receivables are provided based on a review of the collectibility of accounts receivables. The Company determines the amount of allowance for doubtful accounts by examining the historical collection experience and current trends in the credit quality of its customers as well as its internal credit policies.

Revenue Recognition and Allowance for Sales Returns and Others

The Company recognizes net sales when the earnings process is complete, as evidenced by an agreement with the customer, transfer of title and acceptance, if applicable, have occurred, as well as the price is fixed or determinable and the collectibility is reasonably assured. An allowance is provided for any sales return and pricing discounts. Allowance for sales returns and pricing discounts is estimated based on historical experience and any known factors that would affect the allowance. Such provisions are deducted from sales in the year the products are sold and the estimated related costs are deducted from cost of sales.

Sales are determined using the 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 the invoice date for majority of the customers and 30 to 45 days after the end of the month in which the sales occur for some customers. Since the receivables from sales are collectible within one year and such transactions are frequent, the fair value of receivables is equivalent to the nominal amount of cash received.

Inventories

Inventories are stated at the lower of cost or market value. Inventories are recorded at standard cost and adjusted to the approximate weighted-average cost at the end of each period. Market value represents net realizable value for finished goods and work in process. Replacement value represents net realizable value for raw materials, supplies and spare parts. The Company assesses the impact of changing technology on its inventory on-hand and write-off inventories that are considered obsolete. Ending inventories are evaluated for estimated excess quantities and obsolescence based on demand forecast within a specific time horizon, generally 180 days or less. Scrap and slow-moving items are recognized in the allowance for losses.

Long-term Investments

Investments in companies wherein the Company exercises significant influence on the operating and financial policy decisions are accounted for using the equity method of accounting. The Company s proportionate share in the net income or net loss of investee companies is recognized as components of the Investment income/loss recognized by equity method net account. When equity investments are made, the difference, if any, between the cost of investment and the Company s proportionate share of investee s net book value is amortized using the straight-line method over five years and is recorded as a component of the investment income/loss recognized by equity method net account. The Company adopted Statements of Financial Accounting Standards (SFAS) No. 30, Accounting for Treasury Stock on January 1, 2002. SFAS No. 30 requires the

parent company to reclassify its capital stock held by its subsidiary from long-term investments to treasury stock.

When the Company subscribes to additional investee shares at a percentage different from its existing equity interest, the resulting carrying amount of the investment in the equity investee differs from the amount of Company s proportionate share in the investee s net equity. The Company records such difference as an adjustment to long-term investments with the corresponding amount charged to capital surplus. In the event an investee uses its capital surplus (excluding any reserve for asset revaluation) to offset its accumulated deficit, the Company records a corresponding entry equivalent to its proportionate share of the investee s adjustment.

Investments in companies wherein the Company does not exercise significant influence are recorded at historical cost. Cash dividends are recognized as income in the year received but are accounted for as reduction in the carrying values of the long-term investments if the dividends are received in the same year that the related investments are acquired. Stock dividends are recorded as an increase in the number of shares held and do not affect investment income or the carrying amount of the investment. An allowance is recognized for any decline in the market value of investments with readily ascertainable fair market value with the corresponding amount recorded as an unrealized loss, a component of shareholders equity. A reversal of the allowance will result from a subsequent recovery of the market value of such investments. The market value of such investment is determined using the average-closing price of the listed stocks for the last month of the period. The carrying values of investments whose fair market values are not readily ascertainable are reduced to reflect an other-than-temporary decline in their values, with the related impairment loss charged to income.

Investments in foreign mutual funds are stated at the lower of aggregate cost or net asset value. An allowance is recognized when the cost of the funds is lower than their net asset values, with the corresponding amount recorded as a reduction to shareholders equity. A reversal of the allowance will result from a subsequent recovery of the net asset value.

Investments in convertible notes are carried at cost.

The costs of investments sold are determined using the weighted-average method.

When investments in publicly-traded stocks are reclassified from long-term to short-term investments, the Company recognizes a loss to the extent, if any, that the market value of such investments is lower than the carrying value.

If an investee company recognizes an unrealized loss on its long-term investment using the lower-of-cost-or-market method, the Company also recognizes a corresponding unrealized loss in proportion to its equity interest in the investee company and records the amount as a component of its shareholders equity.

Gains or losses on sales from the Company to investee companies accounted for using the equity method are deferred in proportion to the Company s ownership percentage in the investee companies until realized through a transaction with a third party. The entire amount of the gains or losses on sales to majority-owned subsidiaries is deferred until such gains or losses are realized through the subsequent sale of the related products to third parties.

Gains or losses on sales by investee companies to the Company are deferred in proportion to the Company s ownership percentages in the investee companies until realized through transactions with third parties.

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 impairment is determined, the related assets are stated at the lower of fair value or book value. Idle assets are stated at the lower of book value or net realizable value. Significant additions, renewals, betterments, and interest expense incurred during the construction period are capitalized. Maintenance and repairs are expensed in the period incurred. Interest expense incurred for the project during the purchase and construction period is also capitalized.

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 5 to 10 years; and office equipment 3 to 7 years.

Upon sale or disposal of property, plant and equipment, the related cost and accumulated depreciation are removed from the corresponding accounts, with any gain or loss charged to income in the period of disposal.

Goodwill

Goodwill represents the excess of the consideration paid for acquisitions over the fair market value of identifiable net assets acquired and acquisition costs. Goodwill is amortized using the straight-line method over the estimated life of 10 years.

Deferred Charges

Deferred charges consist of technology license fees, software and system design costs and other charges. The amounts are amortized as follows: software and system design costs 3 or 5 years, technology license fees the shorter of the estimated life of the technology or the term of the technology transfer contract.

Pension Costs

TSMC records net periodic pension costs on the basis of actuarial calculations. Unrecognized net transition obligation and unrecognized net gains or losses are amortized over 25 years.

Casualty Loss

Casualty losses are recorded when incurred. Any insurance recoveries are recorded up to the amount of the loss when such recoveries are probable. Recoveries in excess of the amount of the loss are recorded when realized.

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Income Tax

The Company uses an inter-period tax allocation method for income tax. Deferred income tax assets and liabilities are recognized for the tax effects of temporary differences, unused tax credits, and net operating loss carry forwards. 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 non-current 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, it is classified as current or non-current based on the expected length of time before it is realized.

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

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

As of January 1, 1998, income taxes on unappropriated earnings (excluding earnings from foreign consolidating subsidiaries) of 10% are expensed in the year of shareholder approval which is usually the year subsequent to the year incurred.

Foreign-Currency Transactions

Foreign currency transactions are recorded in New Taiwan dollars at the current rate of exchange in effect when the transactions occur. Exchange gains or losses derived from foreign currency transactions or monetary assets and liabilities denominated in a foreign currency are recognized in current operations. At the end of each period, assets and liabilities denominated in foreign currencies are revalued at the prevailing exchange rate with the resulting gains or losses recognized in current operations.

Derivative Financial Instruments

The Company enters into foreign currency forward contracts to manage its currency exposures in cash flow and in foreign currency-denominated assets and liabilities. The differences in the New Taiwan dollar amounts translated using the spot rate and the amounts translated using the contracted forward rates on the contract date are amortized over the terms of the forward contracts using the straight-line method. At the end of each period, the receivables or payables arising from forward contracts are restated using the prevailing spot rate at the balance sheet date with the resulting differences charged to income. In addition, the receivables and payables related to forward contracts are netted with the resulting amount presented as either an asset or a liability. Any resulting gains or losses upon settlement are charged to income in the period of settlement.

The Company enters into interest rate swap transactions to manage its exposures to changes in interest rates on existing liabilities. These transactions are accounted for on an accrual basis, in which the cash settlement receivable or payable is recorded as an adjustment to interest income or expense.

The notional amount of foreign currency option contracts entered into for hedging purposes are not recognized as an asset or liability on the contract dates. The premiums paid or received for the call or put options are amortized and charged to income on a straight-line basis over the term of the related contract. Any resulting gains or losses upon settlement are charged to income in the period of settlement.

Translation of Foreign-Currency Financial Statements

ROC SFAS No. 14, Accounting for Foreign-Currency Transactions, applies to foreign subsidiaries that use the local foreign currency as their functional currency. The financial statements of foreign subsidiaries are translated into New Taiwan dollars at the following exchange rates: Assets and liabilities current rate on balance sheet date; shareholders equity historical rate; income and expenses weighted average rate during the year. The resulting translation adjustment is recorded as a separate component of shareholders equity.

Reclassification

Certain accounts in the consolidated financial statements as of and for the year ended December 31, 2002 have been reclassified to conform to the consolidated financial statements as of and for the year ended December 31, 2003.

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3. NEW ACCOUNTING PRONOUNCEMENTS

In accordance with the ROC SFAS No. 30, Accounting for Treasury Stock and other relevant regulations from Securities and Futures Commission (SFC), the Company is required to reclassify its common stock held by subsidiaries from long-term investments to treasury stock. The reclassification is based on the carrying value recorded by the Company s subsidiaries as of January 1, 2002. The adoption of SFAS No. 30 resulted in a decrease in long-term investments and an increase in treasury stock by NT\$1,923,492 thousand as of December 31, 2002, and an increase in consolidated net income for the year ended December 31, 2002 by NT\$25,909 thousand.

4. SIGNIFICANT ELIMINATION ENTRIES

Significant transactions and balances with subsidiaries that have been eliminated upon consolidation are as follows:

Company	Account	Amount	Transaction Entity
TSMC	Payables to related parties	\$ 1,184,642	WaferTech
		16,026	TSMC Europe
		28,150	TSMC Japan
		12,241	TSMC North America
		10,792	TSMC Technology
	Receivables from related parties	13,946,638	TSMC North America
		1,232	TSMC Technology
	Sales	117,758,911	TSMC North America
	Purchases	11,433,083	WaferTech
	Marketing expenses commissions	215,202	TSMC Japan
		154,262	TSMC Europe
	Other non-operating income	2,794	WaferTech
SMC International	Other receivables	2,038,680	TSMC Development
	Other receivables	339,780	TSMC Technology
	Interest receivable	198,805	TSMC Technology
	Interest receivable	1,787	TSMC Development
	Deferred revenue	670,970	TSMC Technology
	Interest income	14,343	TSMC Technology
	Interest income	1,810	TSMC Development
FSMC Partners	Other receivables	10,427,786	TSMC International
	Other receivables	2,718,240	TSMC Development
	Interest receivable	2,382	TSMC Development
	Deferred revenue	9,188,559	TSMC International
	Interest income	174,579	TSMC International
	Interest income	2,414	TSMC Development
SMC Technology	Accounts receivable	2,194	WaferTech
	Management service income	25,112	WaferTech
	Technical service income	13,229	WaferTech

5. CASH AND CASH EQUIVALENTS

	2003	2002
Cash and bank deposits	\$ 97,041,537	\$ 65,051,337
Government bonds acquired under repurchase agreements	5,947,359	2,738,867
	\$ 102,988,896	\$ 67,790,204

6. SHORT-TERM INVESTMENTS

	2003	2002
Government bonds	\$ 7,692,595	\$
Money market funds	3,068,213	
Government bonds acquired under repurchase agreements	1,800,000	
Bond funds	1,000,000	
Listed stocks	50,728	170,012
	\$ 13,611,536	\$ 170,012
Market value	\$ 14,054,511	\$ 2,455,582

7. INVENTORIES NET

2003	2002
\$ 2,892,529	\$ 3,837,245
9,089,169	7,611,344
465,745	518,196
1,052,075	970,960
13,499,518	12,937,745
(1,364,194)	(1,736,299)
\$ 12,135,324	\$ 11,201,446
	\$ 2,892,529 9,089,169 465,745 1,052,075 13,499,518 (1,364,194)

8. LONG-TERM INVESTMENTS

2003		2002	2
Carrying	% of	Carrying	% of
Value	Owner- Ship	Value	Owner- Ship

Shares of stock				
Equity method:				
Publicly traded stocks				
Vanguard International Semiconductor Corporation (VIS)	\$ 4,077,198	28	\$ 2,415,297	25
Non-publicly traded stocks				
Systems on Silicon Manufacturing Company Pte Ltd. (SSMC)	2,759,376	32	3,136,115	32
GUC	368,434	47		
VisEra Technology Company Ltd. (VisEra)	50,231	25		
	7,255,239		5,551,412	
Prepayment for subscribed stocks				
VIS			849,360	

(Continued)

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	2003	2003		2		
		% of		% of		% of
	Carrying Value	Owner- Ship	Carrying Value	% of Owner- Ship		
Cost method:						
Common stocks						
Publicly traded stocks						
RichTek Technology Corp.	\$ 26,728	5	\$ 46,986	9		
Amkor Technology Inc.			280,748			
Monolithic System Technology, Inc.			104,289	2		
Taiwan Mask Corp.			32,129	2		
Non-publicly traded stocks			, í			
United Gas Co., Ltd.	193,584	11	193,584	11		
Global Testing Corp.	179,905	10	179,882	10		
Shin-Etsu Handotai Taiwan Co., Ltd.	105,000	7	105,000	7		
Global Investment Holding, Inc.	104,144	6	100,000	6		
EoNex Technologies, Inc.	103,580	6	70,305	6		
Hong Tung Venture Capital	83,916	10	83,916	10		
Procoat Technology Co., Ltd.	65,922	10	67,490	12		
W.K. Technology Fund IV	50,000	2	50,000	2		
Advanced Power Electronics Corp.	46,761	5	46,743	6		
Conwise Technology Co., Ltd.	33,268	14	67,039	14		
EON Technology, Inc.	32,788	8	33,606	9		
TrendChip Technologies, Corp.	29,262	5	29,992	5		
Auden Technology Mfg. Co., Ltd.	28,341	4	38,819	4		
Ralink Technologies, Inc.	26,889	5				
Goyatek Technology, Inc.	24,689	8	62,104	8		
ChipStrate Technology, Inc.	10,451	9	10,426	9		
Signia Technologies, Inc.	10,442	6				
Programmable Microelectronics (Taiwan) Corp.	8,612	4	59,358	4		
eChannel Option Holding, Inc.	8,515	6				
Capella Microsystems, Inc.	5,306					
GeoVision, Inc.	4,477	1	4,518	2		
eLCOS Microdisplay Technology, Ltd.	917	1				
Divio, Inc.			104			
	1,183,497		1,667,038			
Preferred stocks						
Non-publicly traded stocks	224 (4(10	000 707	10		
Sonics, Inc.	224,646	10	229,787	10		
Reflectivity, Inc.	142,436	15	146,262	15		
Monolithic Power Systems, Inc.	134,092	16	137,135	16		
Atheros Communications, Inc.	122,086	5	124,868	3		
Tropian, Inc.	119,306	5	150,620	5		
eLCOS Microdisplay Technology, Ltd.	118,920	22	106.244	- 22		
Memsic, Inc.	103,964	23	106,344	23		
Quicksilver Technology	84,548	4	82,153	4		
Pixim, Inc.	80,932	3	87,845	3		
Kilopass Technology, Inc.	67,956	19	69,506	18		
Fang Tek, Inc.	67,956	44	(4.207	A		
NanoAmp Solutions, Inc.	62,946	4	64,397	4		
NetLogic Microsystems, Inc.	62,859	1	65,005	1		

(Continued)

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Accelerant Networks, Inc.15,630135,1381Match Lab, Inc.14,8661160,81811Quake Technologies, Inc.11,340135,1381LightSpeed Semiconductor Corp.11,172246,5343Sensory, Inc.10,618521,7205Oridus, Inc.10,193815,6398Audience, Inc.8,49522LeadTONE Wireless, Inc.4,46268,2706Capella Microsystems, Inc.3,126217,3772Mosaic Systems408617,5696		2003	2003		
Ikanos Communications, Inc. 55.206 3 52,707 2 SiRF Technology Holdings, Inc. 44,741 8 43,094 7 Advanced Analogic Technologies, Inc. 42,844 2 43,824 2 Integrated Memory Logic, Inc. 41,480 12 62,868 12 Axiom Microdevices Inc. 33,978 5 7 7 Optichron Inc. 33,978 6 7 7 NuCORE Technology, Inc. 33,978 6 7 7 Silcon Dan, Inc. 22,139 15 6,26,055 7 Angatron Systems, Inc. 16,999 1 17,639 2 VextIO, Inc. 16,989 4 17,569 4 PU uniy 16,781 2 56,856 2 Quake Technologies, Inc. 11,340 1 35,138 1 Match Lab, Inc. 11,460 1 35,138 1 Quake Technologies, Inc. 11,172 2 46,534 3 Quake Tec			Owner-		Owner-
Ikanos Communications, Inc. 55.206 3 52,707 2 SiRF Technology Holdings, Inc. 44,741 8 43,094 7 Advanced Analogic Technologies, Inc. 42,844 2 43,824 2 Integrated Memory Logic, Inc. 41,480 12 62,868 12 Axiom Microdevices Inc. 33,978 5 7 7 Optichron Inc. 33,978 6 7 7 NuCORE Technology, Inc. 33,978 6 7 7 Silcon Dan, Inc. 22,139 15 6,26,055 7 Angatron Systems, Inc. 16,999 1 17,639 2 VextIO, Inc. 16,989 4 17,569 4 PU uniy 16,781 2 56,856 2 Quake Technologies, Inc. 11,340 1 35,138 1 Match Lab, Inc. 11,460 1 35,138 1 Quake Technologies, Inc. 11,172 2 46,534 3 Quake Tec	Alchin Technologies, Ltd	\$ 57.763		\$	
SiRF Technology Holdings, Inc. 49,753 1 50,878 1 Ocpite Inc. 44,744 8 43,094 7 Advanced Analogic Technologies, Inc. 42,844 2 43,824 2 Integrated Memory Logic, Inc. 41,480 12 62,868 12 Axiom Microdevices Inc. 33,978 5 7 Optichron Inc. 25,484 7 34,753 7 XIP Microsystem, Inc. 25,483 6 26,553 6 Newport Opticom Inc. 22,139 15 63,288 15 Angetron Systems, Inc. 16,989 1 17,659 4 PU Unity 16,788 2 56,856 2 Accelerant Networks, Inc. 11,340 1 35,138 11 Quake Technologies, Inc. 11,172 2 46,534 3 Semory, Inc. 10,618 11 32,170 55 Oridus, Inc. 11,172 2 46,534 3 3 Quake Technologies, Inc. 11,172 2 46,534 3 3 3			3		2
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Angstron Systems, Inc. 16,996 6 26,065 7 Iridigm Display, Co. 16,989 1 17,639 2 VextIO, Inc. 16,989 3 7 Zenesis Technologies, Inc. 16,989 4 17,569 4 IP Unity 16,781 2 56,856 2 Accelerant Networks, Inc. 11,340 1 35,138 1 Match Lab, Inc. 11,340 1 35,138 1 Quake Technologies, Inc. 11,340 1 35,138 1 LightSpeed Semiconductor Corp. 11,172 2 46,534 3 Sensory, Inc. 10,618 5 21,720 5 Oridus, Inc. 10,193 8 15,639 8 Audience, Inc. 4,462 6 8,270 6 Capella Microsystems, Inc. 4,134 3 23,667 12 Incentia Design Systems 408 6 17,579 6 Spreadrum Communications 35,138 6 12,130 6 Spreadrum Communications, Inc. 35,138<	XHP Microsystem, Inc.	25,483	6	26,353	6
Irdigm Display, Co. 16,989 1 17,639 2 NextIO, Inc. 16,989 3 2 Zenesis Technologies, Inc. 16,989 4 17,569 4 IP Unity 16,781 2 56,856 2 Accelerant Networks, Inc. 15,630 1 35,138 1 Quake Technologies, Inc. 11,340 1 35,138 1 Quake Technologies, Inc. 11,172 2 46,534 3 Sensory, Inc. 10,618 5 21,720 5 Oridus, Inc. 10,193 8 15,639 8 Audience, Inc. 8,495 2 2 2 LeadTONE Wireless, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 52,130 6 11 5,138 6 Spreadtrum Communications, Inc. 15,138 6 13,513 1 HiNT Corp. 2,038,662	Newport Opticom Inc.	22,139	15	63,288	15
NextO, Inc. 16,989 3 Zenesis Technologies, Inc. 16,989 4 17,569 4 PU Unity 16,781 2 56,856 2 Accelerant Networks, Inc. 15,630 1 35,138 1 Match Lab, Inc. 14,866 11 60,818 11 LightSpeed Semiconductor Corp. 11,172 2 46,534 3 Sensory, Inc. 10,618 5 21,720 5 Oridus, Inc. 10,193 8 15,639 8 Audicnce, Inc. 8,495 2 2 2 LeadTONE Wireless, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 92,130 6 17,377 2 Intertia Design, Systems 30,3138 6 3	Angstron Systems, Inc.	16,996	6	26,065	7
Zenesis Technologies, Inc. 16,989 4 17,569 4 IP Unity 16,781 2 56,856 2 Accelerant Networks, Inc. 15,630 1 35,138 1 Quake Technologies, Inc. 11,340 1 35,138 1 Quake Technologies, Inc. 11,140 1 35,138 1 Quake Technologies, Inc. 11,172 2 46,534 3 Sensory, Inc. 10,618 5 21,720 5 Oridus, Inc. 8,495 2 2 4462 6 8,270 6 Capella Microsystems, Inc. 4,134 3 32,3667 12 1 1 17,377 2 Mossic Systems 408 6 17,569 6 17,377 2 Mossic Systems 408 6 17,569 6 13,138 11 Ralink Technologies, Inc. 52,130 6 14,675 2 13,370 1 Relink Technologies, Inc. 21,373 5 5 24,675 2 24,675 2	Iridigm Display, Co.	16,989	1	17,639	2
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	NextIO, Inc.	16,989	3		
Accelerant Networks, Inc. 15,630 1 35,138 1 Match Lab, Inc. 14,866 11 60,818 11 LightSpeed Semiconductor Corp. 11,1340 1 35,138 1 LightSpeed Semiconductor Corp. 11,172 2 46,534 3 Sensory, Inc. 10,618 5 21,720 5 Oridus, Inc. 10,193 8 15,639 8 Audience, Inc. 8,495 2 2 LeadTONE Wireless, Inc. 4,462 6 8,270 6 Capella Microsystems, Inc. 4,143 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 52,130 6 1 16,615 2 Raink Technologies, Inc. 52,130 6 1 16,675 2 Divio, Inc. 17,377 4 3,370 1 1 15,639 12 Generatum Communications, Inc. 2,038,662 2,329,412 1	Zenesis Technologies, Inc.	16,989	4	17,569	4
Match Lab, Inc. 14.866 11 60.818 11 Quake Technologies, Inc. 11,340 1 35,138 1 Quake Technologies, Inc. 11,172 2 46,534 3 Sensory, Inc. 10,618 5 21,720 5 Oridus, Inc. 10,193 8 15,639 8 Audience, Inc. 84.495 2 2 LeadTONE Wireless, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 Formfactor, Inc. 69,506 1 1 34,753 5 Ikht Technologies, Inc. 52,130 6 1 15,639 12 Ikot Technologies, Inc. 52,130 6 1 13 13 13 13 13 13 13 13 13 15 12 16 13 15 13 14 13 13 15 12 16 16 17,569 14 15 13 <td>IP Unity</td> <td>16,781</td> <td>2</td> <td>56,856</td> <td>2</td>	IP Unity	16,781	2	56,856	2
Quake Technologies, Inc. 11,340 1 35,138 1 LightSpeed Semiconductor Corp. 11,172 2 46,534 3 Sensory, Inc. 10,618 5 21,720 5 Oridus, Inc. 10,193 8 15,639 8 Audience, Inc. 8,495 2 2 LeadTONE Wireless, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 69,506 1 81,188 6 Spreadtrum Communications 35,138 6 5 5 HiNT Corp. 34,753 5 5 2 3 3 6 Spreadrum Communications, Inc. 35,138 6 5 2 2 2 2 2 2 <td>Accelerant Networks, Inc.</td> <td>15,630</td> <td>1</td> <td>35,138</td> <td>1</td>	Accelerant Networks, Inc.	15,630	1	35,138	1
LightSpeed Semiconductor Corp. 11,172 2 46,534 3 Sensory, Inc. 10,018 5 21,720 5 Oridus, Inc. 10,193 8 15,639 8 Audience, Inc. 8,495 2 2 LeadTONE Wireless, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 52,130 6 17,577 2 Mosaic Systems 408 6 17,569 6 Funchita Design Systems, Inc. 52,130 6 11,172 2 46,575 2 Mosaic Systems 408 6 17,569 6 17,377 2 3 3 18 6 Spreadtrum Communications Inc. 52,130 6 17,377 4 3 17,377 4 3 3,70 1 Equator Technologies, Inc. 24,675 2 2 17,377 4 3,370 1 <t< td=""><td></td><td>14,866</td><td>11</td><td>60,818</td><td>11</td></t<>		14,866	11	60,818	11
LightSpeed Semiconductor Corp. 11,172 2 46,534 3 Sensory, Inc. 10,018 5 21,720 5 Oridus, Inc. 10,193 8 15,639 8 Audience, Inc. 8,495 2 2 LeadTONE Wireless, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 52,130 6 17,577 2 Mosaic Systems 408 6 17,569 6 Funchita Design Systems, Inc. 52,130 6 11,172 2 46,575 2 Mosaic Systems 408 6 17,569 6 17,377 2 3 3 18 6 Spreadtrum Communications Inc. 52,130 6 17,377 4 3 17,377 4 3 3,70 1 Equator Technologies, Inc. 24,675 2 2 17,377 4 3,370 1 <t< td=""><td>Quake Technologies, Inc.</td><td>11,340</td><td>1</td><td>35,138</td><td>1</td></t<>	Quake Technologies, Inc.	11,340	1	35,138	1
Oridus, Inc. 10,193 8 15,639 8 Audience, Inc. 8,495 2		11,172	2	46,534	3
Audience, Inc. 8,495 2 LeadTONE Wireless, Inc. 4,462 6 8,270 6 Capella Microsystems, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 69,506 1 Ralink Technologies, Inc. 52,130 6 Litchfield Communications 35,138 6 Spreadtrum Communications, Inc. 35,138 15 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 Quovertible notes 2,038,662 2,329,412 Convertible notes 834 1 eBest!, Inc. 834 1 Funds 229,669 195,452 Icrimson Asia Capital 40,947 41,988 Quovertible notes 270,616 237,440	Sensory, Inc.	10,618	5	21,720	5
LeadTONE Wireless, Inc. 4,462 6 8,270 6 Capella Microsystems, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 69,506 1 Ralink Technologies, Inc. 52,130 6 Litchfield Communications 35,138 6 Spreadtrum Communications, Inc. 35,138 16 Spreadtrum Communications, Inc. 34,753 5 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 Quotestile notes 2 2 eBest!, Inc. 834 1 Funds 229,669 195,452 Incinson Asia Capital 40,947 41,988 Quotestile notes 2 2 2 Incention Ventures 229,669 195,452 1 Quotestile notes 2 <td>Oridus, Inc.</td> <td>10,193</td> <td>8</td> <td>15,639</td> <td>8</td>	Oridus, Inc.	10,193	8	15,639	8
Capella Microsystems, Inc. 4,134 3 23,667 12 Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 69,506 1 Ralink Technologies, Inc. 52,130 6 Litchfield Communications 35,138 6 Spreadtrum Communications, Inc. 35,138 6 Spreadtrum Communications, Inc. 34,753 5 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 Quotestile notes 2 2,329,412 Convertible notes 834 Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 Quotestile 2 2 2 Quotestile 2 2 2 Quotestile 2 2 2 2 Quotestile 2 2 195,452	Audience, Inc.	8,495	2		
Incentia Design Systems, Inc. 3,126 2 17,377 2 Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 69,506 1 Ralink Technologies, Inc. 52,130 6 Litchfield Communications 35,138 6 Spreadtrum Communications, Inc. 35,138 6 Litchfield Communications, Inc. 35,138 6 Spreadtrum Communications, Inc. 35,138 6 Litchfield Communications, Inc. 35,138 6 Spreadtrum Communications, Inc. 34,753 5 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 2,038,662 2,329,412 Convertible notes 834 1 Funds 1 1 1 Horizon Ventures 229,669 195,452 1 Crimson Asia Capital 40,947 41,988 2 270,616 237,440 2 2 2	LeadTONE Wireless, Inc.	4,462	6	8,270	6
Mosaic Systems 408 6 17,569 6 FormFactor, Inc. 69,506 1 Ralink Technologies, Inc. 52,130 6 Litchfield Communications 35,138 6 Spread/trum Communications, Inc. 35,138 6 HiNT Corp. 34,753 5 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 33,70 1 Convertible notes 2,038,662 2,329,412 Convertible notes 834 1 Funds 195,452 1 Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 200,616 237,440 1	Capella Microsystems, Inc.	4,134	3	23,667	12
FormFactor, Inc. 69,506 1 Ralink Technologies, Inc. 52,130 6 Litchfield Communications 35,138 6 Spreadtrum Communications, Inc. 35,138 6 HiNT Corp. 34,753 5 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 Convertible notes eBest!, Inc. 834 Funds Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988	Incentia Design Systems, Inc.	3,126	2	17,377	2
Ralink Technologies, Inc. 52,130 6 Litchfield Communications 35,138 6 Spreadtrum Communications, Inc. 35,138 6 HiNT Corp. 34,753 5 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 Convertible notes 834 1 Funds 195,452 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440 2	Mosaic Systems	408	6	17,569	6
Litchfield Communications 35,138 6 Spreadtrum Communications, Inc. 35,138 HiNT Corp. 34,753 5 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 Convertible notes eBest!, Inc. 834 Funds Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440	FormFactor, Inc.			69,506	1
Spreadtrum Communications, Inc. 35,138 HiNT Corp. 34,753 5 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 Z,038,662 2,329,412 2 Convertible notes 834 Funds 834 Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440 2	Ralink Technologies, Inc.			52,130	6
HiNT Corp. 34,753 5 Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 Z,038,662 2,329,412 2 Convertible notes 834 Funds 834 Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440 237,440				35,138	6
Equator Technologies, Inc. 24,675 2 Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 Z,038,662 2,329,412 2 Convertible notes 834 1 Funds 834 1 Funds 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440 2					
Divio, Inc. 17,377 4 Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 2,038,662 2,329,412 2 Convertible notes 834 1 Funds 834 1 Funds 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440 237,440	HiNT Corp.			34,753	5
Signia Technologies, Inc. 15,639 12 eBest!, Inc. 3,370 1 2,038,662 2,329,412 1 Convertible notes 834 1 EBest!, Inc. 834 1 Funds 229,669 195,452 Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440 1	Equator Technologies, Inc.				
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2,038,662 2,329,412 Convertible notes 834 eBest!, Inc. 834 Funds 229,669 195,452 Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440 237,440					12
Convertible notes eBest!, Inc. 834 Funds Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440	eBest!, Inc.			3,370	1
Convertible notes eBest!, Inc. 834 Funds Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440					
eBest!, Inc. 834 Funds Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440		2,038,662		2,329,412	
eBest!, Inc. 834 Funds Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440	Convertible notes				
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Horizon Ventures 229,669 195,452 Crimson Asia Capital 40,947 41,988 270,616 237,440	Funds				
Crimson Asia Capital 40,947 41,988 270,616 237,440		220 660		105 / 152	
270,616 237,440					
	ermison risia Capitar	+0,247		+1,900	
\$10,748,014 \$10,635,496		270,616		237,440	
		\$ 10,748,014		\$ 10,635,496	

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The carrying value of investments accounted for using the equity method and the related investment gains or losses were determined based on the audited financial statements of the investees for the same period as the Company. The investment gains (losses) of the investee companies consisted of the following:

	2003	2002
SSMC	(\$ 310,821)	(\$ 1,155,076)
VIS	50,351	(821,771)
Others	(33,774)	
	(\$ 294,244)	(\$ 1,976,847)

The aggregate market value of the publicly traded stocks accounted for using the cost method was \$510,995 thousand and \$500,351 thousand as of December 31, 2003 and 2002, respectively.

On January 8, 2003, TSMC s investee company, VIS, issued 600,000 thousand shares of common stock at a price of NT\$7 per share of which TSMC purchased a total of 230,882 thousand shares. As a result, its ownership in VIS increased from 25% to 28%.

In November 2003, TSMC purchased a 25% ownership in VisEra for US\$1,500 thousand.

TSMC established Ya Xin in November 2002 and subsequently signed a merger agreement with GUC in December 2002. The merger was effective on January 4, 2003 and GUC is the surviving company. As of December 31, 2003, TSMC holds a 47% ownership interest in GUC.

9. PROPERTY, PLANT AND EQUIPMENT

As of December 31, 2003 and 2002, accumulated depreciation consisted of the following:

	2003	2002
Land improvements	\$ 154,062	\$ 127,341
Buildings	31,665,779	24,140,506
Machinery and equipment	238,392,296	181,998,606
Office equipment	4,800,932	3,834,706
	\$ 275,013,069	\$210,101,159

Information on the status of expansion or construction plans of TSMC s manufacturing facilities as of December 31, 2003 is as follows:

Construction/ Expansion Plan	Estimated Complete Costs	Accumulated Expenditures	Actual Date of Starting Operations	Expected Date of Starting Operations
Fab 12 Phase 1	\$ 85,364,800	\$ 82,722,100	March 2002	
Fab 14 Phase 1	67,047,200	27,189,600		2 nd half of 2004 at the earliest

For the years ended December 31, 2003 and 2002, interest expense (before deducting capitalized amounts of NT\$139,516 thousand and NT\$213,686 thousand in 2003 and 2002, respectively) were NT\$2,030,525 thousand and NT\$2,830,426 thousand, respectively. The interest rates used for the purpose of calculating the capitalized amount were 1.770% to 5.283% in 2003 and 2.070% to 5.283% in 2002.

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10. DEFERRED CHARGES NET

	2003	2002
Technology license fees	\$ 5,084,684	\$ 6,519,334
Software and system design costs	2,719,199	3,167,366
Others	188,133	187,125
	\$ 7,992,016	\$ 9,873,825

11. SHORT-TERM BANK LOANS

	2003	2002
Unsecured loan in US dollars:		
US\$12,000 thousand and US\$21,000 thousand as of December 31, 2003 and 2002, respectively; annual interest at 1.52% and 1.82% in 2003 and 2002, respectively	\$ 407,736	\$ 729,813

As of December 31, 2003, TSMC provided NT\$1,359,120 thousand (US\$40,000 thousand) guarantee for the benefit of TSMC North America for the above loan.

Unused credit lines as of December 31, 2003 aggregated approximately US\$38,000 thousand.

12. LONG-TERM BANK LOANS

	2003	2002
C	·	
Secured loan:		
US\$199,000 thousand and US\$318,000 thousand as of December 31, 2003 and 2002, respectively, repayable by February 2005, repaid US\$119,000 thousand in 2003; annual floating		
interest at 1.8275% and 2.078% in 2003 and 2002, respectively	\$6,761,622	\$ 11,051,454
Unsecured loan:		
US\$60,000 thousand, repayable by December 2006, annual interest at 1.56%	2,038,680	
US\$200,000 thousand, repaid in December 2003, annual interest at 2.0375%		6,950,600
-		
	\$ 8,800,302	\$ 18,002,054

As of December 31, 2003, TSMC provided NT\$16,989,000 thousand (US\$500,000 thousand) guarantee for the benefit of TSMC Development and WaferTech for the secured loan above. In addition, all assets of WaferTech with carrying amount of approximately NT\$18,876,007 thousand (US\$555,536 thousand) are pledged for the secured loan. WaferTech is required to be in compliance with certain financial covenants beginning December 31, 2002 under the secured loan agreement above. As of December 31, 2003, WaferTech was in compliance with all such financial covenants. Under the unsecured loan agreement above, the Company is required to be in compliance with certain financial covenants which, if violated, could result in the payment of this obligation becoming due prior to the originally scheduled maturity date. The Company was

in compliance with these financial covenants as of December 31, 2003.

Unused credit lines for long-term bank loans as of December 31, 2003 aggregated approximately US\$241,000 thousand.

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As of December 31, 2003, future minimum principal payments under the Company s long-term bank loan arrangements are as follows:



13. BONDS

	2003	2002
Domestic unsecured bonds:		
Issued on March 4, 1998 and payable on March 4, 2003 in one lump sum payment, 7.71%		
annual interest payable semi-annually	\$	\$ 4,000,000
Issued on October 21, 1999 and payable on October 21, 2002 and 2004 in two equal		
payments, 5.67% and 5.95% annual interest payable annually, respectively	5,000,000	5,000,000
Issued from December 4 to 15, 2000 and payable in December 2005 and 2007 in two equal		
payments, 5.25% and 5.36% annual interest payable annually, respectively	15,000,000	15,000,000
Issued from January 10 to 24, 2002 and payable in January 2007, 2009 and 2012 in three		
equal payments, 2.60%, 2.75% and 3% annual interest payable annually, respectively	15,000,000	15,000,000
	\$ 35,000,000	\$ 39,000,000

As of December 31, 2003, future principal payments for TSMC s bonds are as follows:

Year of Repayment	Amount
2004	\$ 5,000,000
2005	10,500,000
2007	7,000,000
2008 and thereafter	12,500,000
	\$ 35,000,000

14. OTHER LONG-TERM PAYABLES

TSMC entered into several license arrangements for certain semiconductor-related patents. Future minimum payments under the agreements as of December 31, 2003 are as follows:

Year	Amount
<u> </u>	
2004	\$ 1,591,972
2005	1,279,139
2006	458,703
2007	475,692
2008	271,824
2009 and thereafter	815,471
	\$ 4,892,801

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15. PENSION PLAN

TSMC has a defined benefit plan for all regular employees that provide benefits based on length of service and average monthly salary for the six month period prior to retirement.

TSMC contributes at an amount equal to 2% of salaries paid every month to a Pension Fund (the Fund). The Fund is administered by a pension fund monitoring committee (the Committee) and the amounts in the Fund are deposited in the Committee s name with the Central Trust of China.

For the years ended December 31, 2003 and 2002, the changes in the Fund and accrued pension costs are summarized as follows:

	2003	2002
a. Components of pension cost		
Service cost	\$ 502,116	\$ 442,294
Interest cost	109,671	121,552
Projected return on plan assets	(41,154)	(45,102)
Amortization	2,409	1,681
Net pension cost	\$ 573,042	\$ 520,425

b. Reconciliation of the fund status of the plan and unfunded accrued pension cost

	2003	2002
Benefit obligation		
Vested benefit obligation	\$ 21,895	\$ 21,294
Nonvested benefit obligation	2,185,792	1,607,272
Accumulated benefit obligation	2,207,687	1,628,566
Additional benefits based on future salaries	1,752,208	1,300,712
Projected benefit obligation	3,959,895	2,929,278
Fair value of plan assets	(1,207,264)	(1,014,086)
Funded status	2,752,631	1,915,192
Unrecognized net transitional obligation	(141,091)	(149,391)
Unrecognized net gain (loss)	(10,090)	445,759
Unfunded accrued pension cost	\$ 2,601,450	\$ 2,211,560

c. Actuarial assumptions		
Discount rate used in determining present values	3.25%	3.75%
Future salary increase rate	3.00%	3.00%
Expected rate of return on plan assets	3.25%	3.75%
d. Contributions to pension fund	\$ 181,106	\$ 164,720

e.	Payments from pension fund	\$	3,490	\$	5,360
		-		_	

16. INCOME TAX

a. A reconciliation of income tax expense based on income before income tax and minority interest at the statutory rate of 25% and current income tax expense before income tax credits is as follows:

	2003	2002
Income tax expense based on income before income tax and minority interest at the		
statutory rate	\$ 12,881,547	\$ 6,881,352
Tax-exempt income	(5,255,750)	(2,526,500)
Temporary and permanent differences	(732,681)	519,490
Current income tax expense before income tax credits	\$ 6,893,116	\$ 4,874,342

b. Income tax expense consists of:

Current income tax expense before income tax credits	\$ 6,893,116	\$ 4,874,342
Additional 10% tax on the unappropriated earnings	1,273,482	179,362
Income tax credits	(7,917,070)	(4,867,236)
Other income tax	7,988	29,160
Net change in deferred income tax liabilities (assets)		
Net operating loss	(535,725)	(1,733,990)
Investment tax credits	917,759	(2,510,192)
Temporary differences	300,848	5,910,152
Valuation allowance	2,982,501	3,755,050
Adjustment of prior years taxes	58	
		······
Income tax expense	\$ 3,922,957	\$ 5,636,648

c. Deferred income tax assets (liabilities) consist of the following:

	2003	2002
Current		
Investment tax credits	\$ 8,322,000	\$ 3,320,000
Temporary differences	385,221	81,729
Valuation allowance	(309,016)	
	\$ 8,398,205	\$ 3,401,729
Noncurrent		
Net operating loss	\$ 8,388,063	\$ 7,852,338
Investment tax credits	17,327,894	23,247,653
Temporary differences	(8,956,987)	(8,352,647)
Valuation allowance	(15,647,603)	(12,974,118)
	\$ 1,111,367	\$ 9,773,226

d. Integrated income tax information:

The balances of TSMC s imputation credit account as of December 31, 2003 and 2002 were NT\$2,832 thousand and NT\$6,650 thousand, respectively.

The expected and actual creditable ratio for 2003 and 2002 was 0.01% and 0.08%, respectively.

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The imputation credit allocated to the shareholders is based on its balance as of the date of dividend distribution. The expected creditable ratio may be adjusted when the distribution of the imputation credits are made.

- e. All retained earnings generated prior to December 31, 1997 were appropriated as of December 31, 2003 and 2002.
- f. As of December 31, 2003, TSMC s investment tax credits consisted of the following:

		Total Creditable	Remaining Creditable	Expiry
Regulation	Items	Amounts	Amounts	Year
Statute for Upgrading Industries	Purchases of machinery and			
Statute for Opgrading industries	equipment	\$ 8,203,531	\$ 3,938,319	2004
	equipment	3,792,734	. , ,	2001
		4,823,691		2006
		1,680,360	, ,	2007
		\$ 18,500,316	\$ 14,235,104	
Statute for Upgrading Industries	Research and development			
	expenditures	\$ 2,258,828	\$ 2,258,828	2004
		3,111,472	3,111,472	2005
		3,322,453		2006
		2,275,560	2,275,560	2007
		\$ 10,968,313	\$ 10,968,313	
Statute for Upgrading Industries	Personnel training	\$ 48,097	\$ 48,097	2004
		28,886		2005
		27,311	27,311	2006
			· · · · · · · · · · · · · · · · · · ·	
		\$ 104,294	\$ 104,294	
Statute for Upgrading Industries	Investments in important			
	technology-based enterprises	\$ 203,319		2004
		138,864	138,864	2005
		\$ 342,183	\$ 342,183	

- g. As of December 31, 2003, the net operating loss carryforwards were generated from WaferTech, TSMC Development and TSMC Technology and will expire at various dates through 2023.
- h. The sales attributable to the following expansion and construction of TSMC s manufacturing plants are exempt from income tax for the following periods:

Tax-Exemption Periods

Construction of Fab 6

2001 to 2004

Construction of Fab 8 module B Expansion of Fab 2 modules A and B, Fab 3 and Fab 4, Fab 5 and Fab 6 2002 to 2005 2003 to 2006

i. The tax authorities have examined income tax returns of TSMC through 2000. However, TSMC is contesting the assessment by the tax authority for 1992, 1993, 1997 and 1998. TSMC believes that any additional assessment will not have a material adverse effect on TSMC.

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17. LABOR COST, DEPRECIATION AND AMORTIZATION EXPENSE

	For the Fear Ended December 51, 2005		
	Classified as		
Classified as	Classified as Operating		
Cost of Sales	Expense	Total	
\$ 9,014,068	\$ 4,647,912	\$ 13,661,980	
476,687	245,357	722,044	
379,845	193,718	573,563	
339,500	304,398	643,898	
61,988,138	2,398,768	64,386,906	
1,385,594	3,367,462	4,753,056	
\$ 73,583,832	\$ 11,157,615	\$ 84,741,447	

For the Year Ended December 31, 2003

For the Year Ended December 31, 2002

			Classified as			
	Classifie	Classified as Operating		Classified as Operating		
	Cost of S	ales	Expense	Total		
Labor cost						
Salary	\$ 7,831	,036	\$ 4,195,974	\$ 12,027,010		
Labor and health insurance	427.	,992	220,527	648,519		
Pension	349	,279	185,457	534,736		
Other	291.	,439	348,707	640,146		
Depreciation	57,404	,004	2,493,369	59,897,373		
Amortization	2,161	,950	2,938,670	5,100,620		
	\$ 68,465	,700	\$ 10,382,704	\$ 78,848,404		

18. SHAREHOLDERS EQUITY

Capital, Capital Surplus and Retained Earnings

TSMC has issued 585,898 thousand ADSs which are traded on the NYSE as of December 31, 2003. The total number of common shares represented by all issued ADSs is 2,929,491 thousand shares (one ADS represents five common shares).

Capital surplus can only be used to offset a deficit under the ROC Company Law. However, the components of capital surplus generated from donated capital and the excess of the issue price over the par value of capital stock (including the stock issued for new capital, mergers, and the

purchase of treasury stock) can be distributed as stock dividends.

TSMC s Articles of Incorporation provide that the following shall be appropriated from annual earnings to the extent that the annual earnings exceed any accumulated deficit:

- a. 10% legal reserve; until the amount of total legal reserve equals TSMC s total paid-in capital;
- b. Special reserve in accordance with relevant laws or regulations;
- c. Remunerations to directors and supervisors and bonuses to employees equal to 0.3% and at least 1% of the remainder, respectively. Individuals eligible for the employee bonuses may include employees of affiliated companies as approved by the board of directors or a representative of the board of directors;

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- d. Dividends to holders of preferred shares at a 3.5% annual rate, based on the period which the preferred shares have been outstanding. Following the redemption of all of its issued and outstanding preferred shares in May 2003, TSMC amended its Articles of Incorporation on June 3, 2003 to remove the provision for issuance of any future dividends to preferred shareholders as of that date;
- e. The appropriation of any remaining balance shall be approved by the shareholders.

Dividends may be distributed in shares of common stock or a combination of cash and common stock. Distributions of profits are usually made in the form of a stock dividend. The total of cash dividends paid in any given year may not exceed 50% of total dividends distributed in that year.

Any appropriations of net income are recorded in the financial statement in the year of shareholder approval.

The appropriation for legal reserve is made until the reserve equals the aggregate par value of TSMC s outstanding capital stock. The reserve can only be used to offset an accumulated deficit or be distributed as a stock dividend up to 50% of the reserve balance when the reserve balance has reached 50% of the aggregate par value of the outstanding capital stock of TSMC.

A special reserve equivalent to the debit balance of any account shown in the shareholder s equity section of the balance sheet (except for the recorded cost of treasury stock held by subsidiaries) shall be made from unappropriated retained earnings pursuant to existing regulations promulgated by the ROC SFC. The special reserve is allowed to be appropriated when the debit balance of such account is reversed.

The appropriations of earnings for 2002 and 2001 were approved in the shareholders meeting on June 3, 2003 and May 7, 2002, respectively. The appropriations and dividends per share are as follows:

	Appropriation of Earnings			l Per Share NT\$)
	For Fiscal	For Fiscal	For Fiscal	For Fiscal
	Year 2002	Year 2001	Year 2002	Year 2001
Legal reserve	\$ 2,161,029	\$ 1,448,317	\$	\$
Special reserve	68,945	(349,941)		
Bonus paid to employees in stock	1,539,013	1,070,783		
Preferred stock dividend in cash	455,000	455,000	0.35	0.35
Common stock dividend in stock	14,898,309	16,832,553	0.80	1.00
Remuneration to directors and supervisors in cash	58,485	133,848		
	\$ 19,180,781	\$ 19,590,560		

The above appropriation of earnings for 2002 and 2001 is consistent with the resolution of the meetings of board of directors on March 4, 2003 and March 26, 2002, respectively. If the above employee bonus and remuneration to directors and supervisors had been paid in cash and charged against income for 2002 and 2001, the basic earnings per share for the years ended December 31, 2002 and 2001 would decrease from NT\$1.14 to NT\$1.05 and NT\$0.83 to NT\$0.76, respectively. The shares distributed as a bonus to employees represented 0.83% and 0.64% of TSMC s

total outstanding common shares as of December 31, 2002 and 2001, respectively.

As of January 12, 2004, the board of directors had not resolved earnings appropriation for fiscal year 2003.

The above information associated with the appropriations of bonus to employees and remuneration to directors and supervisors is available at Market Observation System website.

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Under the Integrated Income Tax System that became effective on January 1, 1998, ROC resident shareholders are allowed a tax credit for their proportionate share of the income tax paid by the TSMC on earnings generated as of January 1, 1998. An imputation credit account is maintained by TSMC for such income tax and the tax credit allocated to each shareholder.

Preferred Stock

TSMC issued 1,300,000 thousand shares of unlisted Series A preferred stock to certain investors on November 29, 2000. All of the preferred stock was redeemed at par value and retired on May 29, 2003. Under TSMC s Articles of Incorporation, as amended on June 3, 2003, TSMC is no longer authorized to issue preferred stock.

The preferred shareholders had the following rights and related terms and conditions prior to redemption:

Preferred shareholders

- a. Are entitled to receive cumulative cash dividends at an annual rate of 3.5%.
- b. Are not entitled to receive any common stock dividends (whether declared out of unappropriated earnings or capital surplus).
- c. Have priority over the holders of common shares to the assets of TSMC available for distribution to shareholders upon liquidation or dissolution; however, the pre-emptive rights to the assets shall not exceed the issue value of the shares.
- d. Have voting rights similar to that of the holders of common shares.
- e. Have no right to convert their shares into common shares. The preferred shares are to be redeemed within thirty months from their issuance. The preferred shareholders have the aforementioned rights and the TSMC s related obligations remain the same until the preferred shares are redeemed by the TSMC.

19. STOCK-BASED COMPENSATION PLANS

Stock Option Plans

On October 29, 2003 and June 25, 2002, the SFC approved TSMC s Employee Stock Option Plans (the 2003 Plan and the 2002 Plan, respectively). The maximum number of units authorized to be granted under the 2003 Plan and the 2002 Plan was 120,000 thousand and 100,000 thousand, respectively, with each unit representing one common share of stock. The option rights may be granted to qualified employees of TSMC and its subsidiaries, including TSMC North America and WaferTech. The option rights of both plans are valid for ten years and exercisable at certain percentages subsequent to the second anniversary of the grant date. Under the terms of both plans, stock option rights are granted at an exercise price equal to the closing price of TSMC s common shares listed on the TSE on the date of grant. Under the 2002 Plan, there were 51,485 thousand option rights that were never been granted, or had been granted but cancelled. These un-granted or cancelled option rights expired as of December 31, 2003.

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Information of outstanding stock option rights under the 2003 Plan and the 2002 Plan is as follows:

	2003 Pla	2003 Plan		2003 Plan 2002)2 Plan	
	Number of	Number of					
	Outstanding	Range of	Outstanding	Range of			
	Stock Option	Exercise	Stock Option	Exercise			
	Rights	Price	Rights	Prices			
	(In Thousands)	(NT\$)	(In Thousands)	(NT\$)			
Balance, January 1, 2003			19,369	46.86-48.70			
Options granted	843	66.5	32,031	38.23-53.76			
Options cancelled	(1)	66.5	(2,885)	38.23-53.76			
Balance, December 31, 2003	842		48,515				

For the 2002 Plan, the number of outstanding option rights and their exercise prices have been adjusted to reflect the issuance of stock dividends in accordance with the 2002 Plan.

In 1996, WaferTech adopted an Executive Incentive Plan, which was amended in 1997. Under the 1997 amendment, the Board of Directors approved the Senior Executive Incentive Plan and the Employee Incentive Plan (the WaferTech Plans) under which officers, key employees and non-employee directors may be granted stock option rights. The WaferTech Plans provide for 15,150 thousand option rights available for grant. For option rights granted to date, the option purchase price was equal to or exceeded the fair market value at the date of grant. As of December 31, 2003, 672 thousand stock options remain outstanding. The options will expire if not exercised at specified dates ranging from May 2006 and June 2011. No options were granted during the years ended December 31, 2003 and 2002 as a result of the implementation of the Stock Option Buyback Program as described below.

WaferTech Stock Option Buyback Program

In December 2000, WaferTech implemented a Stock Option Buyback Program (Buyback). The Buyback program provides employees with the right to sell back to WaferTech all vested stock options and outstanding ownership interests granted under the WaferTech Plans. The repurchase price for outstanding ownership interests is US\$6. The repurchase price for vested stock options is US\$6 less the exercise price of the option. As of December 31, 2003, WaferTech has repurchased 3,253 thousand outstanding ownership interests at a cost of US\$19,519 thousand, and 6,913 thousand vested stock option rights at a cost of US\$34,483 thousand. As of December 31, 2003, 164 thousand stock options are vested and may be sold back to WaferTech, and US\$2,681 thousand was accrued in connection with the Buyback program.

Stock Appreciation Rights

In December 2000, WaferTech and TSMC North America implemented a stock appreciation rights program (Appreciation). The Appreciation plan is designed to provide employees with a long-term incentive plan that tracks the appreciation of TSMC common stock through Stock Appreciation Rights (SARs). SARs provide each participant the right to receive, upon exercise, an amount in cash from WaferTech and TSMC North America that is the excess of the market price of TSMC common stock on TSE on the date of exercise over the exercise price. As of December 31, 2003, WaferTech and TSMC North America accrued US\$1,735 thousand and US\$3,032 thousand, respectively, in connection with the Appreciation. During 2002, benefits under the Appreciation plan for TSMC North America were replaced by the stock option plans aforementioned. Accordingly, TSMC North America does not intend to provide additional Appreciation plan benefits subsequent to the adoption of the stock option plans.

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20. TREASURY STOCK (COMMON STOCK)

(Shares in Thousand)

	Beginning	Dividend	Share	Ending
Purpose of Purchase	Shares	Distributed	Sold	Shares
Year ended December 31, 2003				
Reclassification of parent company stock held by subsidiaries from long-term investment	42,001	3,357	4,761	40,597
Year ended December 31, 2002				
Reclassification of parent company stock held by subsidiaries from long-term investment	39,270	3,818	1,087	42,001

Proceeds from the sale of treasury stock for the years ended December 31, 2003 and 2002 were NT\$331,945 thousand and NT\$96,501 thousand, respectively. As of December 31, 2003 and 2002, the book value of the treasury stock was NT\$1,633,228 thousand and NT\$1,923,492 thousand, respectively; the market value was NT\$2,548,788 thousand and NT\$2,048,164 thousand, respectively. TSMC s capital stock held by a subsidiary as an investment is recorded as treasury stock, with the holder having the same rights as other common shareholders.

21. EARNINGS PER SHARE

Earnings per share (EPS) is computed as follows:

	Amounts (N	Numerator)	EPS (Dollar		(Dollars)
	Income		Income		
	Before Income		1	Before Incom	e
	Tax and		Share	Tax and	
	Minority	Consolidated	(Denominator)	Minority	Consolidated
	Interest	Net Income	(Thousand)	Interest	Net Income
Year ended December 31, 2003					
Income	\$ 51,178,645	\$ 47,258,700			
Less preferred stock dividends	(184,493)	(184,493)			
·					
Basic earnings per share					
Income available to common shareholders	50,994,152	47,074,207	20,223,457	\$ 2.52	\$ 2.33
Effect of diluted securities stock options			8,282		

	· · · · · · · · · · · · · · · · · · ·				
\$ 50,994,152	\$47,074,207	20,231,739	\$ 2.52	\$	2.33
\$ 27,222,148	\$21,610,291				
(455,000)	(455,000)				
\$ 26,767,148	\$ 21,155,291	20,220,989	\$1.32	\$	1.05
	\$ 27,222,148 (455,000)	\$ 27,222,148 (455,000) \$ 21,610,291 (455,000) (455,000)	\$ 27,222,148 (455,000) (455,000)	\$ 27,222,148 (455,000) (455,000)	\$ 27,222,148 (455,000) \$ 21,610,291 (455,000)

The potential common shares issuable under the employee stock option plans (see Note 19) are included in the denominator of the diluted EPS computation by using the treasury stock method under SFAS No. 24, Earnings Per Share ; however, such shares resulted in a non-dilutive per share amount for the year ended December 31, 2002. The average number of shares outstanding for the EPS calculation has been adjusted retroactively for issuance of stock dividends and stock bonuses. The retroactive adjustment caused the basic and diluted EPS before income tax and after income tax for the year ended December 31, 2002 to decrease from NT\$1.43 to NT\$1.32 and NT\$1.14 to NT\$1.05, respectively.

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22. RELATED PARTY TRANSACTIONS

Except as disclosed elsewhere in the financial statements, the following is a summary of significant related party transactions:

- a. Industrial Technology Research Institute (ITRI), the Chairman of TSMC serves as one it its directors
- b. Philips, a major shareholder of TSMC
- c. Investees of TSMC

VIS

SSMC

GUC

The transactions with the aforementioned parties, in addition to those disclosed in other notes, are summarized as follows:

	2003	2003		
	Amount	%	Amount	%
For the year ended				
Sales				
Philips and its affiliates	\$ 3,577,054	2	\$ 2,909,008	2
GUC	549,471			
ITRI	60,171		94,409	
SSMC	873		7,018	
VIS	19		92,119	
				—
	\$ 4,187,588	2	\$ 3,102,554	2
Purchase				
SSMC	\$ 5,519,805	17	\$ 2,751,297	11
VIS	4,910,810	15	3,469,198	14
	\$ 10,430,615	32	\$ 6,220,495	25
				_
Operating expense Rental				
ITRI	\$		\$ 40,401	
				—
Manufacturing expenses Technical assistance fees				
Philips	\$ 3,023,741	3	\$ 2,849,517	4

Sales of property, plant and equipment		
VIS	\$ 15,125 3 \$	
Non-operating income and gains		
SSMC (primarily technical service income, see Note 24f)	\$ 201,869 4 \$ 126,061	6
VIS	251	
	\$ 202,120 4 \$ 126,061	6

(Continued)

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	2003	2003		
	Amount	%	Amount	%
At December 31				
Receivables				
Philips and its affiliates	\$ 895,063	85	\$ 352,706	80
VIS	118,503	11	58,301	13
GUC	15,339	2		
SSMC	14,489	1	5,678	2 5
ITRI	8,781	1	22,974	5
	\$ 1,052,175	100	\$ 439,659	100
				-
Payables				
Philips and its affiliates	\$ 1,579,568	49	\$ 730,847	41
VIS	1,034,074	32	653,876	37
SSMC	634,647	19	391,426	22
	\$ 3,248,289	100	\$ 1,776,149	100
		_		
Refundable deposits VIS (see Note 24h)	\$ 150,840	76	\$ 514,846	92

Sales to related parties are based on normal selling prices and collection terms, except for sales of property, plant and equipment and technical assistance fees, which were in accordance with the related contracts.

23. SIGNIFICANT LONG-TERM LEASES

TSMC leases land from the Science-Based Industrial Park Administration where its Fab 2 through Fab 14 manufacturing facilities reside. These agreements expire on various dates from March 2008 to December 2020 and have annual rent payments aggregating NT\$230,449 thousand. The agreements can be renewed upon their expiration.

TSMC North America leases its office premises and certain equipment under non-cancelable operating agreements. TSMC Europe and TSMC Japan entered into lease agreements for their office premises. The leases will expire between 2005 and 2010. Current annual rent payments aggregate to NT\$118,787 thousand. The agreements can be renewed upon their expiration.

As of December 31, 2003, future remaining lease payments are as follows:

Year	Amount
2004	\$ 349,236
2005	350,120
2006	349,867

2007	339,249
2008	318,379
2009 and thereafter	1,797,827
	\$ 3,504,678

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24. SIGNIFICANT COMMITMENTS AND CONTINGENCIES

The significant commitments and contingencies of the Company as of December 31, 2003 are as follows:

- a. Under a Technical Cooperation Agreement with Philips, as amended on May 12, 1997, TSMC shall pay technical assistance fees as a percentage of net sales, as defined in the agreement, with respect to certain products. The agreement shall remain in force through July 8, 2007 and may be automatically renewed for successive periods of three years thereafter. Under the amended agreement, starting from the fifth anniversary date of the amended agreement, the fees are subject to reduction by the amounts TSMC pays to any third party for settling any licensing/infringement disputes, provided that the fees to be paid after reduction will not be below a certain percentage of the net sales.
- b. Subject to certain equity ownership and notification requirements, Philips and its affiliates can avail themselves each year of up to 30% of TSMC s production capacity.
- c. Under a technical cooperation agreement with ITRI, TSMC shall reserve and allocate up to 35% of certain of its production capacity for use by the Ministry of Economic Affairs (MOEA) or any other party designated by the MOEA.
- d. Under several foundry agreements, TSMC shall reserve a portion of its production capacity for certain major customers that have guarantee deposits with TSMC. As of December 31, 2003, TSMC has a total of US\$22,557 thousand of guarantee deposits.
- e. 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, for the purpose of constructing an integrated circuit foundry in Singapore. As of December 31, 2003, TSMC s equity interest in SSMC was 32%. TSMC and Philips are committed to buy specific percentages of the production capacity of SSMC. If any party defaults on the commitment and the capacity utilization of SSMC falls below a specific percentage of its total capacity, the defaulting party is required to compensate SSMC for all related unavoidable costs.
- f. TSMC provides technical services to SSMC under a Technical Cooperation Agreement (the Agreement) entered into on May 12, 1999. TSMC receives compensation for such services computed at a specific percentage of net sales of certain products sold by SSMC. The Agreement shall remain in force for ten years and may be automatically renewed for successive periods of five years unless pre-terminated by either party under certain conditions.
- g. Under a Technology Transfer Agreement (TTA) with National Semiconductor Corporation (National) entered into on June 27, 2000, TSMC shall receive payments for the licensing of certain technology to National. The agreement was to remain in force for ten years and could be automatically renewed for successive periods of two years thereafter unless either party gives notice for early termination under certain conditions. In January 2003, TSMC and National entered into a Termination Agreement whereby the TTA was terminated for convenience. Under the termination agreement, TSMC is relieved of further obligation to transfer additional technology. In addition, TSMC granted National an option to request the transfer of certain technologies under the same terms and conditions as the terminated TTA. The option will expire in January 2008.
- h. TSMC entered into a Manufacturing Agreement with VIS. VIS agrees to reserve certain production capacity for TSMC and agrees to manufacture certain logic devices or other products for TSMC s customers at prices agreed upon by TSMC and VIS. TSMC paid NT\$1,200,000 thousand to VIS as a guarantee deposit for the capacity reservation. VIS shall return portions of the guarantee deposit without any interest to TSMC upon reaching certain purchase commitments by TSMC. The contract will remain in force for five years. As of December 31, 2003, the refundable deposit was NT\$150,840 thousand.

- i. Beginning in 2001, TSMC entered into several licensing arrangements for certain semiconductor patents. The terms of the contracts range from five to ten years with payments to be made in the form of royalties over the term of the related contracts. TSMC has recorded the related amounts as a liability with the corresponding amounts recorded as deferred charges which are amortized and charged to the cost of sales on a straight-line basis over the estimated life of the technology or the term of the contract, whichever is shorter.
- j. In November 2002, TSMC entered into an Amended and Restated Joint Technology Cooperation Agreement with Philips, Motorola, Inc. and STMicroelectronics to jointly develop 90-nanometer to 65-nanometer advanced CMOS Logic and e-DRAM technologies. TSMC also agreed to align 0.12 micron CMOS Logic technology to enhance its foundry business opportunities. TSMC will contribute process technologies and share a portion of the costs associated with this joint development project.
- k. In December 2003, TSMC entered into a Technology Development and License Agreement with Motorola Inc. to jointly develop 65nm SOI (silicon on insulator) technology. TSMC will also license related 90nm SOI technology from Motorola. Any intellectual properties arising out of the co-development project shall be jointly owned by the parties. In accordance with the agreement, TSMC will pay royalties to Motorola, Inc. and will share a portion of the costs associated with the joint development project.
- In December 2003, the Company filed a lawsuit in the US District Court of Northern California against Semiconductor Manufacturing International Corporation and certain of its subsidiaries for patent infringement and trade secret misappropriation. The suit also asks for injunctive relief along with monetary damages. The case is in the process of being reviewed by the court. The probable outcome cannot be reasonably estimated.
- m. Under an agreement signed with a certain company, TSMC Shanghai has the obligation to purchase certain assets within a specified period at the price agreed upon by both parties. TSMC Shanghai will compensate the other party in case of a breach of the agreement.
- n. Amounts available under unused letters of credit as of December 31, 2003 were NT\$6,480 thousand, US\$1,294 thousand, EUR21 thousand and Singapore dollar \$85 thousand. Among the unused letters of credit, TSMC North America has an outstanding irrevocable standby letter of credit with a financial institution for US\$1,294 thousand. The standby letter of credit was entered into as security to the landlord of TSMC North America s office spaces in San Jose, California. In the event TSMC North America defaults under this lease agreement, the landlord will draw on the standby letter of credit up to the amount of the default, but not to exceed the amount of the standby letter of credit. The standby letter of credit expires in October, 2004, and is renewable on an annual basis.

25. ADDITIONAL DISCLOSURES

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

- a. Financing provided: Please see Table 1 attached;
- b. Endorsement/guarantee provided: Please see Table 2 attached;
- c. Marketable securities held: Please see Table 3 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 4 attached;

Acquisition of individual real estate properties at costs of at least NT\$100 million or 20% of the paid-in capital: Please see Table 5 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 capital: Please see Table 6 attached;
- h. Receivable from related parties amounting to at least NT\$100 million or 20% of the capital: Please see Table 7 attached;
- i. Names, locations, and related information of investee on which the Company exercises significant influence: Please see Table 8 attached;
- j. Financial instrument transactions:
 - 1) Derivative financial instruments

The Company entered into derivative financial instruments transactions for the year ended December 31, 2003 to manage exposures related to foreign-currency denominated receivables or payables, and interest rate fluctuations. Certain information on these contracts is as follows:

a) Outstanding forward exchange contracts as of December 31, 2003

		Contract Amount (Nominal)
Financial Instruments	Maturity Period	(In Thousand)
Sell	January 2004 to July 2004	US\$ 1,805,000 (US\$/NT\$)
Buy	January 2004	EUR 7,500 (EUR/US\$)
Buy	January 2004	JPY 748,405 (JPY/US\$)

As of December 31, 2003, receivables from forward exchange contracts (included in the other financial assets account) aggregate NT\$76,385 thousand, and payables from forward exchange contracts (included in the other current liabilities account) aggregate NT\$174,019 thousand. Net exchange gain for the year ended December 31, 2003 was NT\$321,033 thousand.

As of December 31, 2003, the underlying assets and liabilities related to the above forward exchange contracts are as follows:

Assets and Liabilities	d Liabilities (In 7					
Time deposits	US\$	1,137,704				
Accounts and notes receivable	US\$	789,927				
Accounts payable	JPY	889,850				
Accounts payable	EUR	9,364				

b) Interest rate swaps

The Company entered into interest rate swap contracts to manage related interest rates on its long-term loans. Net interest expense on these transactions for the year ended December 31, 2003 was NT\$141,007 thousand.

Outstanding contracts as of December 31, 2003 were as follows:

		Contract
		Amount
Contract Date	Period	(In Thousand)
July 1, 1999	July 1, 1999 to June 28, 2004	US\$ 2,857
September 19, 2003	September 22, 2003 to December 15, 2005	NT\$ 500,000
October 16, 2003	October 20, 2003 to December 15, 2005	NT\$ 500,000
October 16, 2003	October 20, 2003 to December 15, 2005	NT\$ 500,000
October 17, 2003	October 21, 2003 to December 15, 2005	NT\$ 500,000
October 17, 2003	October 20, 2003 to December 15, 2005	NT\$ 500,000
November 7, 2003	November 11, 2003 to December 15, 2005	NT\$ 500,000

c) Option contracts

The Company entered into foreign currency option contracts to manage exchange rate fluctuations arising from its anticipated US dollar cash receipts on export sales or its Yen and European currency obligations for purchases of machinery and equipment.

As of December 31, 2003, there were no outstanding option contracts.

For the year ended December 31, 2003, the Company realized premium income of NT\$ 50,273 thousand and premium expense of NT\$204,056 thousand.

- d) Transaction risk
 - i) Credit risk. Credit risk represents the positive net settlement amount of those contracts with positive fair values at the balance sheet date. The positive net settlement amount represents the loss incurred by the Company if the counter-parties breached the contracts. The banks, which are the counter-parties to the foregoing derivative financial instruments, are reputable financial institutions. Management believes its exposures related to the potential default by those counter-parties are low.
 - ii) Market price risk. All derivative financial instruments are intended as hedges for fluctuations in currency exchange rates on the Company s foreign currency denominated receivables or payables and interest rate fluctuations on its floating rate long-term loans. Gains or losses from forward exchange contracts are likely to be offset by gains or losses from the hedged receivables and payables. Interest rate risks are also controlled as the expected cost of capital is fixed. Thus, market price risks are believed to be minimal.
 - iii) Liquidity and cash flow risk and uncertainty of amount and term of future cash demand.

As of December 31, 2003, the Company s future cash demand for outstanding forward exchange contracts, interest rate swaps and option contracts are as follows:

	Forward Exchange Contrac					
Term	Inflow	Outflow				
	(In Thousand)	(In Thousand)				
Within one year	NT\$ 61,230,306	US\$ 1,821,340				
	EUR 7,500					
	JPY 748,405					

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The Company has sufficient operating capital to meet the above cash demand. The interest rate of the interest rate swaps has taken the Company s cost of capital into account. In addition, the exchange rates of forward foreign exchange contracts and option contracts are fixed. Therefore, there is no material fund raising risk and cash flow risk.

2) Fair value of financial instruments

		Decemb	per 31	
	20	03	20	02
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Non-derivative financial instruments				
Assets				
Cash and cash equivalents	\$ 102,988,896	\$ 102,988,896	\$67,790,204	\$67,790,204
Short-term investments	13,611,536	14,054,511	170,012	2,455,582
Receivables from related parties	1,052,175	1,052,175	439,659	439,659
Notes and accounts receivables	28,505,162	28,505,162	19,590,942	19,590,942
Other financial assets	1,373,705	1,373,705	1,010,453	1,010,453
Long-term investments	10,748,014	17,815,445	10,635,496	12,750,029
Refundable deposits	199,522	199,522	557,266	557,266
Liabilities				
Short-term bank loans	407,736	407,736	729,813	729,813
Payables to related parties	3,248,289	3,248,289	1,776,149	1,776,149
Accounts payable	6,438,604	6,438,604	5,138,592	5,138,592
Payable to contractors and equipment				
suppliers	7,232,103	7,232,103	14,132,100	14,132,100
Long-term bank loans (includes current				
portion)	8,800,302	8,800,302	18,002,054	18,002,054
Bonds payable (includes current				
portion)	35,000,000	35,850,377	39,000,000	39,762,245
Other long-term payables (includes current portion and other				
liabilities-others)	5,649,461	5,649,461	5,616,220	5,616,220
Guarantee deposits	763,889	763,889	1,395,066	1,395,066
Derivative financial instruments	, 65,007	, 00,009	1,292,000	1,595,500
Forward exchange contracts (buy)	2,351	3,037	38,369	26,089
Forward exchange contracts (sell)	(99,984)	40,638	143,702	139,913
Interest rate swaps	(22,201)	2,093	23,994	(164,342)
Options		2,375	(50,273)	(410,132)
options			(30,273)	(110,152)

Fair values of financial instruments were determined as follows:

- a) The carrying amounts reported in the balance sheets for cash and cash equivalents, notes and accounts receivable, other financial assets, accounts payable, payables to contractors and equipment suppliers are approximate to their fair values.
- b) Fair value of short-term and long-term investments is based on quoted market prices. If quoted market prices are unavailable, fair value is based on net asset value or book value of investment.

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- c) Fair value of refundable deposits and guarantee deposits is based on carrying values.
- d) The fair value of long-term bank loans is its carrying value with the floating interest rate. The fair value of bonds payable is the quoted market value. Fair value of other long-term payables approximates the carrying value.
- e) Fair value of derivative financial instruments is the estimated net receivable or (payable) if the contracts are terminated on the relevant balance sheet date.

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The fair values of some financial and non-financial instruments are not included in the fair values disclosed above. Accordingly, the sum of the fair values of the financial instruments listed above does not represent the fair value of the Company as a whole.

3) Investment in Mainland China:

TSMC filed an investment project with the Investment Commission of MOEA to establish a foundry in Mainland China. On February 27, 2003, the authority approved phase one of the aforementioned project and permitted direct investment in mainland China. Subsequently, TSMC entered into an investment related agreement with Shanghai Songjiang District People s Government on June 8, 2003. On August 4, 2003, TSMC Shanghai, a wholly-owned subsidiary of TSMC, was established. TSMC Shanghai is engaged mainly in the manufacturing and selling of integrated circuits. TSMC made a capital investment in TSMC Shanghai in the amount of US\$56,000 thousand on October 8, 2003.

26. SEGMENT FINANCIAL INFORMATION

a. Geographic information:

			Adjustments	
			and	
	Overseas	Taiwan	Elimination	Consolidated
2003				
Sales to unaffiliated customers	\$ 118,851,382	\$ 84,145,430	\$	\$ 202,996,812
Transfers between geographic areas	11,494,868	117,758,911	(129,253,779)	
Total sales	\$ 130,346,250	\$ 201,904,341	(\$129,253,779)	\$ 202,996,812
Gross profit	\$ 2,392,944	\$ 72,891,637	(\$401,103)	\$ 74,883,478
Operating expenses				(23,582,897)
Non-operating income and gains				5,669,312
Non-operating expenses and losses				(5,791,248)
Income before income tax				\$ 51,178,645
Minority interest loss				\$ 3,012
Identifiable assets	\$ 52,276,269	\$ 358,451,509	(\$14,075,261)	\$ 396,652,517
Long-term investments				10,748,014
Total assets				\$407,400,531

(Continued)

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			Adjustments	
			and	
	Overseas	Taiwan	Elimination	Consolidated
2002				
Sales to unaffiliated customers	\$ 95,774,432	\$ 66,526,776	\$	\$ 162,301,208
Transfers between geographic areas	9,537,846	94,434,553	(103,972,399)	
Total sales	\$ 105,312,278	\$ 160,961,329	(\$103,972,399)	\$ 162,301,208
Gross profit	(\$19,865)	\$ 51,967,145	\$ 365,870	\$ 52,313,150
Operating expenses				(20,724,111)
Non-operating income and gains				2,419,467
Non-operating expenses and losses				(6,786,358)
Income before income tax				\$ 27,222,148
Minority interest loss				\$ 24,791
Identifiable assets	\$ 75,840,416	\$ 336,405,063	(\$32,338,576)	\$ 379,906,903
Long-term investments				10,635,496
Total assets				\$ 390,542,399

b. Gross export sales

The export sales information is determined based on billed regions. Gross export sales for the years ended December 31, 2003 and 2002 were NT\$59,868,104 thousand and NT\$48,795,235 thousand, respectively. There were no export sales to a region that accounted for more than 10% of the Company s total sales.

c. Major customer

The Company only has one customer that accounts for more than 10% of its total sales. The sales to such customer amounted to NT\$31,220,104 thousand and NT\$32,769,054 thousand in 2003 and 2003, representing 15% and 20% of its total sales, respectively.

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

FINANCING PROVIDED

FOR THE YEAR ENDED DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

N	Financing o. Name	Counter-party	Financial Statement Account	Maximum Balance for the Period (US\$ in Thousand)	Ending Balance (US\$ in Thousand)	InteresTransa Rate Amou	Donsons For	llowance for Bad	Li Bo	nancing imit for Each rrowing ompany	Financing Company s Financing Amount Limits (US\$ in Thousand)
1	TSMC	TSMC	Other				Operating				
	International	Technology	receivables	\$ 538,585	\$ 538,585	4.25% \$	capital	\$	\$	N/A S	\$ 33,569,117
				(US\$15,851)	(US\$15,851)						(US\$987,968)
											(Note1)
		TSMC	Other				Operating				
		Development	receivables	\$ 2,038,680	\$ 2,038,680	1.50%	capital				
				(US\$60,000)	(US\$ 60,000)						
2	TSMC	TSMC	Other				Operating				
	Partners	Development	receivables	\$ 2,718,240	\$ 2,718,240	1.50%	capital			N/A	(Note 2)
				(US\$80,000)	(US\$ 80,000)						

Note 1: Not exceeding the issued capital of the Company.

Note 2: Generally not exceeding the issued capital of the Company, unless approved by all members of the board.

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

ENDORSEMENT/GUARANTEE PROVIDED

FOR THE YEAR ENDED DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

		Counter-pa	rty		Maximum	Ratio of				
	Endorsement/		Nature of Relationship	Limits on Each Counter-party s Endorsement/	Balance for the Period	Accumulated Amount of Ending Collatera Ciol Balance Net Equity Value of Coll atette Latest (US\$ ^P roperty, Plan Fina ncial		Maximum llateral/Guarantee Amounts		
No.	Guarantee Provider	Name	(Note 2)	Guarantee Amounts	(US\$ in Thousand)	(US\$ m Thousand)Equipm		(Note 1)		
0	TSMC	TSMC Development	3	Not exceed 10% of the net worth of TSMC, and also limiting to the	\$ 6,795,600 (US\$200,000)	\$ 2,038,680 \$ (US\$60,000)	0.62%	\$ 82,303,577		
		TSMC North America	2	total paid-in capital of the	1,359,120	1,359,120	0.41%			
		WaferTech	3	endorsement/guarantee company, unless otherwise approved bys Board of Directors.	(US\$40,000) 14,950,320 (US\$440,000)	(US\$40,000) 14,950,320 (US\$440,000)	4.54%			

Note 1: 25% of the net worth of TSMC as of December 31, 2003.

Note 2: The No. 2 represents a subsidiary in which TSMC holds directly over 50% of the equity interest.

The No. 3 represents an investee in which TSMC holds directly and indirectly over 50% of the equity interest.

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

MARKETABLE SECURITIES HELD

DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

					December 31, 2003				
Held Company Name	Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Shares/Units (In Thousand)	Carrying Value (US\$ in Thousand)	Percentage of Ownership	Market Value or Net Asset Value (US\$ in Thousand)	Note	
TSMC	Government bonds								
TSMC	2002 Government Bond Series A		Short-term investment		\$ 3,157,331	N/A	\$ 3,169,046		
	2002 Government Bond Series E		Short-term investment		3,113,067	N/A	3,126,273		
	1994 Government Bond Series C		Short-term investment		1,422,197	N/A	1,426,995		
	Bonds with Repurchase		Short-term investment		1 000 000	27/4	1 000 570		
	Agreement Money market funds				1,800,000	N/A	1,802,572		
	BOA Funds		Short-term investment	40,000	1,359,120	N/A	1,359,120		
	GS Funds		Short-term investment	20,000	(US\$40,000) 679,560 (US\$20,000)	N/A	(US\$40,000) 679,560 (US\$20,000)		
	Bond funds				(05\$20,000)		(05\$20,000)		
	JF Taiwan Bond Fund		Short-term investment	34,343	500,000	N/A	503,421		
	ABN AMRO Bond Fund		Short-term investment	34,794	500,000	N/A	503,490		
	Stock								
	Taiwan Mask Corp.		Short-term investment	7,094	27,744	2	132,967		
	TSMC North America	Subsidiary	Long-term investment	11,000	417,858	100	1,133,011	Treasury stock of NT\$ 715,153 thousand is deducted from the carrying value.	
	TSMC Europe	Subsidiary	Long-term investment		24,622	100	24,622		
	TSMC Japan	Subsidiary	Long-term investment	6	101,722	100	101,722		
	VIS	Investee	Long-term investment	787,016	4,077,198	28	10,465,676		
	TSMC International	2	Long-term investment	987,968	22,654,743	100	22,654,743		
	TSMC Partners SSMC	Subsidiary	Long-term investment	300 382	4,116,934	100	4,116,934		
	Emerging Alliance	Investee Subsidiary	Long-term investment	382	2,759,376 704,744	32 99	2,759,376 704,744		
	GUC	Investee	Long-term investment	39,040	368,434	47	403,962		
	Vis Era	Investee	Long-term investment	5,100	50,231	25	50,231		

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United Gas Co.,	Long-term investment				
Ltd.		16,783	193,584	11	282,754
Shin-Etsu Handotai	Long-term investment				
Taiwan Co., Ltd.		10,500	105,000	7	147,999
W.K. Technology	Long-term investment				
Fund IV		5,000	50,000	2	57,051
Hon Tung Ventures	Long-term investment				
Capital	-	8,392	83,916	10	66,447

(Continued)

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Held Company				Shares/Units		arrying Value		Market V or Net As Valu	set	
Company	Marketable	Relationship	Financial	Shares/ Units	ſ	uce :	Percentage of	(TIE¢	:	
Name	Securities Type and Name	with the Company	Statement Account	(In Thousand)		US\$ in ousand)	Ownership	(US\$ Thousa		Note
	Certificate									
	Chi Cherng	Investee	Long-term investment		\$	42,941	36	\$ 5(01,505	Treasury stock of NT\$458,564 thousand is deducted from the carrying value.
	Hsin Ruey	Investee	Long-term investment		Ψ	42,006	36)1,517	Treasury stock of NT\$459,511 thousand is deducted from the carrying value.
	Equity									
	Crimson Asia Capital		Long-term investment	N/A		40,947	N/A	2	40,947	
	Horizon Ventures		Long-term investment	N/A		229,669	N/A	22	29,669	
TSMC North Americ	a Stock		nivestment	10/11		229,009	10/11	22	.,,007	
	TSMC	Parent company	Long-term investment	13,101		715,153		82	22,491	
Chi Cherng	Stock TSMC	Parent company	Short-term investment	13,735		458,564		86	52,340	
	Certificate Hsin Ruey	Major shareholder	Long-term investment			902,033	64	9()2,033	
Hsin Ruey	Stock		C1							
	TSMC	Parent company	Short-term investment	13,761		459,511		86	53,957	
	Certificate									
TSMC International	Chi Cherng Stock	Major shareholder	Long-term investment			902,909	64	9()2,909	
I SMC International	InveStar	Subsidiary	Long-term investment	45,000	US\$	46,403	97	US\$ 4	46,403	
	InveStar II	Subsidiary	Long-term investment	51,300	US\$	36,901	97	US\$ 3	36,901	
	TSMC Development	Subsidiary	Long-term investment		US\$	537,716	100	US\$ 53	37,716	
	TSMC Technology	Subsidiary	Long-term investment	1		(US\$7,918)	100		57,918)	
	3DFX Interactive Inc.		Long-term investment	68					. ,	
	Money market fund									
	BOA Fund		Short-term investment	30,300	US\$	30,300	N/A	US\$ 3	30,300	
TSMC Development	Stock WaferTech	Subsidiary	Long-term		US\$	341,972	00	US\$ 34	1,972	
InveStar	Stock		investment		039	541,972	99	039 32	1,912	
	PLX Technology, Inc.			93	US\$	180		US\$	786	

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	Short-term investment					
RichTek Technology	Short-term					
Corp.	investment	947 US\$	121	2 US\$	5,799	
Programmable	Long-term					
Microelectronics	investment					
(Taiwan), Inc.		575 US\$	203	3 US\$	203	
Global Testing Corp.	Long-term					
	investment	13,268 US\$	5,295	10 US\$	5,295	

(Continued)

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Chipstrate Technologies, Inc. Long-term investment 6,660 USS 308 Capella Microsystems, Inc. Long-term investment 530 USS 156 Signia Technologies, Inc. Long-term investment 701 USS 206 4 USS 206 Advanced Power Electronics Corp. Long-term investment 2,750 USS 1,75 USS 1,376 Prefered stock Integrated Memory Logic, Inc. Long-term investment 360 USS 1,323 USS 1,325 LightNpced Semiconductor Corporation Long-term investment 1,404 USS 31,33 S USS 31,33 Sensory, Inc. Long-term investment 2,408 USS 329 USS 350 Arberts Communications, Inc. Long-term investment 1,607 USS 3,533 USS 353 Manolithic Power Systems, Inc. Long-term investment 2,600 12 USS 3,09 Mensit, Inc. Long-term investment 1,067 USS 3,01 USS 3,00 <tr< th=""><th></th><th></th><th></th><th></th><th colspan="6">December 31, 2003</th></tr<>					December 31, 2003					
Capella Microsystems, Inc. Long-term investment 530 USS 156 Advanced Power Electronics Corp. Long-term investment 2,750 USS 1,376 5 USS 1,376 RichTek Technology Corp. Long-term investment 1,671 USS 2,04 3 USS 1,235 Preferred stock Long-term investment 1,661 USS 1,333 1 USS 1,233 1 USS 1,233 1 USS 1,233 1 USS 1,233 1 USS 1,333 1 USS 1,323 1 USS 1,333 1 USS 1,353 1 USS 1,353 1,305 1 USS 1,356 1,355 1,550 1 USS 1,356 USS 3,593 USS	Company		-		(In	Value (US\$ in	Percentage of	Value or Net Asset Value (US\$ in		Note
Capella Microsystems, Inc. Long-term investment 530 USS 156 Advanced Power Electronics Corp. Long-term investment 2,750 USS 1,376 5 USS 1,376 RichTek Technology Corp. Long-term investment 1,671 USS 2,04 3 USS 1,235 Preferred stock Long-term investment 1,661 USS 1,333 1 USS 1,233 1 USS 1,233 1 USS 1,233 1 USS 1,233 1 USS 1,333 1 USS 1,323 1 USS 1,333 1 USS 1,353 1 USS 1,353 1,305 1 USS 1,356 1,355 1,550 1 USS 1,356 USS 3,593 USS		Chipstrate Technologies, Inc.		Long-term investment	6.660	US\$ 308	9	US\$	308	
Signia Technologies, Inc. Long-term investment 701 USS 206 Advanced Power Electronics Corp. Long-term investment 1,671 USS 1.376 5 USS 1.025 1.026 1.025 1.026 1.025 1.026 1.025 1.026 1.025 1.026 1.025 1.026 1.025 1.026 1.025 1.020 1.025 1.020 1.025 1.020 1.025 1.020 1.025 1.020 1.025										
Advanced Power Electronics Corp. Long-term investment 2,70 USS 1,376 5 USS 1,376 RichTet Technology Corp. Long-term investment 1,671 USS 204 3 USS 10,235 Preferred stock Integrated Memory Logic, Inc. Long-term investment 3,00 USS 1,333 1 USS 1,221 12 USS 1,235 12 12 USS 1,325 12 12 USS 1,333 1 USS 1,333 1 USS 1,333 1 USS 1,333 1 USS 1,335 12 USS 1,335 12 USS 1,335 12 USS 1,326 USS 1,335 12 USS 1,335 12 USS 1,335 12 USS 1,350 USS 1,350 </td <td></td>										
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(Continued)

December 31, 2003

Held Company Name	Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Shares/Units (In Thousand)	Carrying Value (US\$ in Thousand)		Percentage of Ownership	Market Value or Net Asset Value (US\$ in Thousand)		
			T . .	250	LICO	1 000	1	TICO	1.000	_
	NanoAmp Solutions, Inc.		Long-term investment		US\$	1,000		US\$	1,000	
	Advanced Analogic Technology, Inc.		Long-term investment		US\$	1,261		US\$	1,261	
	Monolithic Power Systems, Inc.		Long-term investment		US\$	1,946		US\$	1,946	
	Sonics, Inc.		Long-term investment	3,082		3,082		US\$	3,082	
	Newport Opticom, Inc.		Long-term investment	1,157		402	-	US\$	402	
	Silicon Data, Inc.		Long-term investment	2,000		750		US\$	750	
	Reflectivity, Inc.		Long-term investment	1,596		1,500		US\$	1,500	
	Angstron Systems, Inc.		Long-term investment	1,567		500		US\$	500	
	Tropian, Inc.		Long-term investment	1,464		1,595	2	US\$	1,595	
	SiRF Technology, Inc.		Long-term investment		US\$	131		US\$	131	
	LeadTONE Wireless, Inc.		Long-term investment		US\$	131		US\$	131	
	Match Lab, Inc.		Long-term investment		US\$	63		US\$	63	
	Kilopass Technology, Inc.		Long-term investment	3,887		2,000		US\$	2,000	
	Fang Tek, Inc.		Long-term investment	5,556		2,000	44	US\$	2,000	
	Alchip Technologies Ltd.		Long-term investment	2,125		1,700		US\$	1,700	
	Elcos Microdisplay Technology, Ltd.		Long-term investment	2,667	US\$	3,500		US\$	3,500	
Emerging Alliance										
	Global Investment Holding, Inc. Preferred stock	Investee	Long-term investment	10,000	\$	100,000	6	\$	100,000	
	Quake Technologies, Inc.		Long-term investment	467	US\$	334	1	US\$	334	
	Pixim, Inc.		Long-term investment	1,721	US\$	2,382	3	US\$	2,382	
	Newport Opticom, Inc.		Long-term investment		US\$	250	6	US\$	250	
	NetLogic Microsystems, Inc.		Long-term investment	602	US\$	1,850	1	US\$	1,850	
	Ikanos Communication, Inc.		Long-term investment	5,116	US\$	1,625	3	US\$	1,625	
	Quicksilver Technology, Inc.		Long-term investment	963	US\$	2,488	4	US\$	2,488	
	Mosaic Systems, Inc.		Long-term investment	2,481	US\$	12	6	US\$	12	
	Accelerant Networks, Inc.		Long-term investment		US\$	460		US\$	460	
	Zenesis Technologies, Inc.		Long-term investment		US\$	500		US\$	500	
	Reflectivity, Inc.		Long-term investment	1,596		1,500		US\$	1,500	
	Iridigm Display, Co.		Long-term investment	,	US\$	500		US\$	500	
	XHP Microsystems, Inc.		Long-term investment	2,280		750		US\$	750	
	Axiom Microdevices, Inc.		Long-term investment	1,000		1.000		US\$	1.000	
	Optichron, Inc.		Long-term investment		US\$	1,000		US\$	1,000	
	Audience, Inc.		Long-term investment	1,654		250		US\$	250	
	Next IO, Inc.		Long-term investment		US\$	500		US\$	500	
	NuCORE Technology Inc.		Long-term investment	1,821		1,000		US\$	1,000	
GUC	Bond funds		term investment	1,021	0.00	1,000	2	ς υψ	1,000	
	Entrust KIRIN		Short-term investment	2,106		22.324			22,334	
	Entrust Phoenix		Short-term investment	1,399		20,207			20,216	
	TISC		Short-term investment	2,210		30,000			30,012	
	Ta-Hua		Short-term investment	2,210		30,000			30,012	
	E. Sun New Era		Short-term investment	2,412		10.000			10.004	
	Shenghua 1699		Short-term investment	1,009		12,000			11,995	
	Shenghua 1099		short-term investment	1,009		12,000			11,993	

(Continued)

				December 31, 2003				
Held		Carrying Value Belotionskin with Shows/Units (US\$ in Descentors of					rket Value or Net Asset Value	
Company Name	Markatable Securities Type and Name	Relationship with the Company	Financial Statement	Shares/Units (In Thousand)		0	(US\$ in Thousand) Note	
Inallie	Marketable Securities Type and Name		Account	(III Thousand)		Ownership	nousanu) Note	
	Jihsun		Short-term investment	764	\$ 10,000		\$ 10,157	
	Shenghua 5599		Short-term investment	931	10,000		10,004	
	Mega Diamond		Short-term investment	2,734	30,105		30,118	
	Polar		Short-term investment	1,968	20,060		20,068	
	Ta-Hua GC Dollar		Short-term investment	38	13,691		13,732	
	Taiwan Security Overseas Fund		Short-term investment	22	102,694		103,190	

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

MARKETABLE SECURITIES ACQUIRED AND DISPOSED OF AT COSTS OR PRICES OF AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL

FOR THE YEAR ENDED DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

					Beginning	g Balance	Acqu	isition	Disposal				Endin
ne	Marketable Securities Type and Name	Financial Statement Account	Counter-Party	Nature of Relationship	Shares/ Units (Thousand)	Amount (US\$ in Thousand)	Shares/ Units (Thousand)	Amount (US\$ in Thousand)	Shares/ Units (Thousand)	Amount (US\$ in Thousand)	Carrying Value (US\$ in Thousand)	Gain (Loss) on Disposal (US\$ in Thousand)	Shares/ Units ((Thousand
	Money market funds												
	BOA Fund	Short-term investment	BOA			\$	120,000	\$ 4,161,760 (US\$120,000)	80,000	\$ 2,785,760	\$2,785,760 (U\$\$80,000)		40,00
	GS Fund	Short-term investment	Goldman Sachs				140,000	4,852,300	120,000	4,165,140	4,165,140	,	20,00
	D 16 1							(US\$140,000)			(US\$120,000))	
	Bond funds JF Taiwan	Short-term	IE A seat										
	Bond Fund		Management (Taiwan) Ltd.				34,343	500,000					34,34
	ABN AMRO		ABN AMRO				07 702	1 400 000	(2.000	002 001	000 000	2 001	24.70
	Bond Fund ABN AMRO Select Bond	investment Short-term investment	ABN AMRO				97,782	1,400,000	62,988	902,881	900,000	2,881	34,79
	Fund Government bonds						81,744	879,000	81,744	881,719	879,000	2,719	
	Bonds with Repurchase	Short-term investment											
	Agreement 2002	Short-term	institutions BNP and					1,800,000					
	Government Bond Series A	investment	several financial institutions					3,157,331					
	2002 Government	Short-term investment	BNP and					0,107,001					
	Bond Series E		financial institutions					3,113,067					
	1994 Government Bond Series C		Chung Shing Bills Finance Corp. and several financial										
	Stock		institutions					1,422,197					

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	Long-term investment		Subsidiary		767,239		174,030					
	Long-term		Substatury		101,237		171,050					
	investment	10	Investee	677,471	3,264,657	109,545	766,815					787,0
	Long-term		Investee	077,471	5,204,057	107,545	700,015					707,0
	investment			505	280,748			505	301,209	280,748	20,461	
	Long-term			505	200,740			505	501,207	200,740	20,401	
System Tech.				470	104,289			470	152,681	104,289	48,392	
ADR	littestillent			170	101,209			170	152,001	101,209	10,572	
	Short-term			762	US\$7,357			823	US\$ 8,407	US\$ 7,357	US\$	
	investment										1,050	
								(Note 2)			-,	
Preferred												
stock Elcos	Long tom	Eleca										
	Long-term											
		Microdisplay										
Technology, Ltd.		Technology, Ltd.				2,667	US\$ 3,500					2,6
		Liu.				2,007	03\$ 5,500					2,0
Money market fund												
	Short-term	POA										
	investment	DUA				87 200	US\$ 87,300	57,000	US\$57,000	US\$ 57,000		30,3
Bond funds	mvestment					87,500	03\$ 87,300	57,000	03\$57,000	03\$ 57,000		50,5
	Short-term											
	investment											
Overseas	mvestment											
Fund						22	102,694					
runu						22	102,094					

Note 1: The ending balance included the recognition of the investment income (loss) by the equity method, the cumulative translation adjustments and unrealized loss on long-term investments recognized in proportion to the Company s ownership percentage in investees.

Note 2: Including stock dividend of 61 thousand units.

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

ACQUISITION OF INDIVIDUAL REAL ESTATE AT COSTS OF AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL

FOR THE YEAR ENDED DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars)

								Counter	-party				
Company Name	Types of Property	Transaction	Transaction Amount	ⁿ Payment Term	Counter-party	Nature of Relationship	Owner	Relationship	Transfer Date		Price Reference	Purpose of Acquisition	Other Terms
TSMC	Fab 14	January 20, 2003		By the construction progress	United Integrated Services		N/A	N/A	N/A	N/A	Public bidding	Manufacturing purpose	None
	Fab 12	May 6, 2003		By the construction progress	United Integrated Services		N/A	N/A	N/A	N/A	Public bidding	Manufacturing	None
	Fab 12	June 17, 2003		By the construction progress	United Integrated Services		N/A	N/A	N/A	N/A	Public bidding	Manufacturing	None
	Fab 12	June 18, 2003		By the construction progress	Liquid Air Far East Co. Ltd.		N/A	N/A	N/A	N/A	Public bidding	Manufacturing	None
	Fab 12	December 2, 2003	,	By the construction progress	China Steel Structure Co.		N/A	N/A	N/A	N/A	Public bidding	Manufacturing	None
	Fab 12	December 2, 2003	,	By the construction progress	Fu Tsu Construction Co. Ltd		N/A	N/A	N/A	N/A	Public bidding	Manufacturing	None

Prior Transaction of Related

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

TOTAL PURCHASE FROM OR SALE TO RELATED PARTIES AMOUNTING TO AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL

FOR THE YEAR ENDED DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

			Transaction Details					normal nsaction	Note/Acco Payable or Receiva	e	
Company Name	Related Party	Nature of Relationship	Purchase/ Sale	Amount	% to Total	Payment Terms	Unit Price	Payment Terms	Ending Balance	% to Total	Note
TSMC	TSMC North America	Subsidiary	Sales	\$ 117,758,911	57	Net 30 days from invoice date	None	None	\$ 13,946,638	48	
	Philips and its affiliates	Major shareholder	Sales	3,577,054	2	Net 30 days from invoice date	None	None	895,063	3	
	GUC	Investee	Sales	549,471		30 days after monthly closing Net 30 days	None	None	15,339		
	WaferTech	Subsidiary	Purchases	11,433,083	36	from invoice date Net 30 days	None	None	1,184,642	11	
	SSMC	Investee	Purchases	5,519,805	17	from invoice date	None	None	634,647	6	
	VIS	Investee	Purchases	4,910,810	15	Net 30 days from invoice date	None	None	1,034,074	10	

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

RECEIVABLES FROM RELATED PARTIES AMOUNTING TO AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL

DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

					_	Overdue	Amounts Received in	Allowance
Company Name	Related Party	Nature of Relationship	Ending Balance	Turnover Rate	Amount	Action Taken	Subsequent Period	for Bad Debts
TSMC	TSMC North America	Subsidiary	\$ 13,946,638	37 days	\$ 3,907,505		\$ 4,831,330	\$
	Philips and its affiliates	Major shareholder	895,063	64 days	97,618	Accelerate demand on account receivables	40	

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND SUBSIDIARIES

NAMES, LOCATIONS, AND RELATED INFORMATION OF INVESTEES ON WHICH THE COMPANY EXERCISES SIGNIFICANT INFLUENCE

DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

				-	Investment ount	nt Balance as of December 31, 2003		er 31, 2003	Net	Investment	
Investor Company	Investee Company	Location	Main Businesses and Products	December 31 2003	,December 31, 2002	Shares (Thousand)	Percentage of Ownership	Carrying Value (Note 1)	Income (Loss) of the Investee	Gain (Loss) (Note 2)	Note
TSMC	TSMC North America	California, U.S.A.	Marketing and engineering support	\$ 333,178	\$ 333,178	11,000	100	\$ 417,858	\$ 234,639	\$ 227,062	Subsidiary
	TSMC Europe	Amsterdam, The Netherlands	Marketing and engineering support	15,749	2,960		100	24,622	(13)	(13)	Subsidiary
	TSMC Japan		Marketing and engineering support	83,760		6		101,722	2,451		Subsidiary
	TSMC Shanghai	Shanghai, China	IC and other wafer equipment manufacturing and marketing	1,890,952			100	1,901,428	(1,306)	(1.306)	Subsidiary
	VIS	Hsin-Chu, Taiwan	IC design and manufacturing	8,119,816		787,016	28	4,077,198	179,359		Investee
	TSMC International	Tortola, British Virgin Islands	Investment	31,445,780	31,445,780	987,968	100	22,654,743	876,814	876 814	Subsidiary
	Chi Cherng	Taipei, Taiwan	Investment	300,000		201,200	36	42,941	(840)		Investee
	Hsin Ruey	Taipei, Taiwan	Investment	300,000			36	42,006	(1,290)	1,252	Investee
	TSMC Partners	Tortola, British Virgin	.	10.250	10.250	200	100	4 116 024	100 401	107 204	0.1.11
	SSMC	Islands Singapore	Investment Wafer	10,350 6,408,190		300 382	100 32	4,116,934	199,401		Subsidiary
	Emerging Alliance GUC	Cayman Islands Hsin-Chu, Taiwan	manufacturing Investment IC research, development, manufacturing,	1,179,690		382	99	2,759,376 704,744	(971,314) (219,190)		Subsidiary
			testing and marketing	409,920	341,250 (Note 3)	39,040	47	368,434	(88,517)	(33,005)	Investee
	VisEra			51,000	· · · · · ·	5,100	25	50,231	(3,076)	(769)	Investee

Hsin-Chu, Electronic Taiwan spare parts manufacturing, material wholeselling and retailing

Note 1: The treasury stock is deducted from the carrying value.

Note 2: The unrealized gain or loss and the gain or loss on disposal of the stocks held by subsidiaries are excluded.

Note 3: TSMC s investee, Ya Xin, merged with GUC in January 2003. GUC is the surviving company.

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Taiwan Semiconductor Manufacturing Company Ltd. and Affiliates

Combined Financial Statements as of December 31, 2003

Together with Independent Accountants Report

REPRESENTATION LETTER

The combined balance sheet as of December 31, 2003 and the combined statement of income for the year ended December 31, 2003 of Taiwan Semiconductor Manufacturing Company Ltd., and affiliates are in conformity with the requirements on public companies and their affiliates, taken as a whole, of Securities and Futures Commission (SFC) in the Republic of China (ROC), the ROC regulations governing the preparation of financial statements of public companies and accounting principles generally accepted in the Republic of China.

The accounting records underlying the combined balance sheet and the combined statement of income accurately and fairly reflect, in reasonable detail, the transactions of the Taiwan Semiconductor Manufacturing Company Ltd., its consolidated subsidiaries and affiliates. There are no plans or intentions that may materially affect the carrying values or classifications of assets and liabilities.

Very truly yours,

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD.

By

MORRIS CHANG

Chairman

English Translation of a Report Originally Issued in Chinese

INDEPENDENT ACCOUNTANTS REPORT

The Board of Directors and Shareholders

Taiwan Semiconductor Manufacturing Company Ltd.

We have reviewed the combined balance sheet as of December 31, 2003 and the related combined statement of income for the year then ended of Taiwan Semiconductor Manufacturing Company Ltd. and affiliates. Our review was made in accordance with the Guidelines for the Review of Combined Financial Statements of Affiliates. It is substantially less in scope than an examination in accordance with auditing standards generally accepted in the Republic of China (ROC), the objective of which is the expression of an opinion regarding the combined balance sheet and the combined statement of income taken as a whole. Accordingly, we do not express such an opinion.

Based on our reviews, we are not aware of any material modifications that should be made to the combined balance sheet and the combined statement of income referred to above in order for them to be in conformity with Regulations Governing the Preparation of Affiliates Combined Operating Report, Combined Financial Statements and Relationship Report in the ROC, and the ROC regulation governing the preparation of financial statements of public company and the generally accepted accounting principles in the ROC.

Deloitte & Touche

(T N Soong & Co and Deloitte & Touche (Taiwan)

Established Deloitte & Touche Effective June 1, 2003)

Taipei, Taiwan

Republic of China

January 12, 2004

Notice to Readers

The accompanying combined financial statements were not prepared with a view to comply with the published guidelines of the United States Securities and Exchange Commission or the American Institute of Certified Public Accountants (AICPA) and have not been examined or otherwise reported upon under AICPA guidelines. They are not presented in accordance with generally accepted accounting principles in the United States of America for consolidated financial statements.

English Translation of Financial Statements Originally Issued in Chinese

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

COMBINED BALANCE SHEET

(UNAUDITED)

DECEMBER 31, 2003

(In Thousand New Taiwan Dollars, Except Par Value)

	2003	
	Amount	%
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents (Notes 2 and 4)	\$ 103,426,957	26
Short-term investments (Notes 2 and 5)	13,922,621	3
Receivables from related parties (Note 21)	1,036,836	
Notes receivable	10,021	
Accounts receivable	28,644,803	7
Allowance for doubtful receivables (Note 2)	(1,020,398)	
Allowance for sales returns and others (Note 2)	(2,135,843)	
Other financial assets (Note 24)	1,389,123	
Inventories net (Notes 2 and 6)	12,195,066	3
Deferred income tax assets (Notes 2 and 15)	8,398,205	2
Prepaid expenses and other current assets (Note 2)	1,650,709	
		—
Total current assets	167,518,100	41
		_
LONG-TERM INVESTMENTS (Notes 2, 7, and 19)	(0)(574	2
Equity method	6,836,574	2
Cost method	3,222,159	1
Funds	270,616	
Total long-term investments	10,329,349	3
		—
PROPERTY, PLANT AND EQUIPMENT (Notes 2, 8, 11 and 21) Cost		
Land and land improvements	855,394	
Buildings	79,778,533	19
Machinery and equipment	372,186,920	91
Office equipment	7,458,561	2
Total cost	460,279,408	112
Accumulated depreciation	(275,075,106)	(67)
Advance payments and construction in progress	26,890,519	7

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Net property, plant and equipment	212,094,821	52
GOODWILL (Note 2)	8,685,388	2
OTHER ASSETS		
Deferred charges net (Notes 2 and 9)	8,163,414	2
Deferred income tax assets (Notes 2 and 15)	1,111,367	
Refundable deposits (Notes 21 and 23)	200,390	
Idle assets (Note 2)	94,296	
Assets leased to others (Note 2)	84,347	
Miscellaneous	67,620	
Total other assets	9,721,434	2
		—
TOTAL ASSETS	\$ 408,349,092	100

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	2003	
	Amount	%
LIABILITIES AND SHAREHOLDERS EQUITY		
CURRENT LIABILITIES		
Short-term bank loans (Note 10)	\$ 407,736	
Payables to related parties (Note 21)	3,248,289	1
Accounts payable	6,517,548	2
Payables to contractors and equipment suppliers	7,356,310	
Accrued expenses and other current liabilities (Note 24)	8,930,551	2
Current portion of long-term liabilities (Notes 11 and 12)	5,005,489	1
Total current liabilities	31,465,923	8
LONG-TERM LIABILITIES		
Long-term bank loans (Note 11)	8,817,506	2
Long-term bonds payables (Note 12)	30,000,000	7
Other long-term payables (Note 13)	3,306,388	1
Total long-term liabilities	42,123,894	10
OTHER LIABILITIES		
Accrued pension cost (Notes 2 and 14)	2,608,443	1
Guarantee deposits (Note 23)	763,888	
Others	1,483,245	
Total other liabilities	4,855,576	1
MINORITY INTEREST IN AFFILIATES (Note 2)	689,390	
Total liabilities	79,134,783	19
SHAREHOLDERS EQUITY (Notes 2 and 17)		
Common stock \$10 par value Authorized: 24,600,000 thousand shares		
	202,666,189	50
Issued: 20,266,619 thousand shares Capital surplus:	202,000,189	50
Merger and others (Note 2)	56,802,829	14
Treasury stock (Notes 3 and 19)	53,056	17
Retained earnings:	55,050	
Appropriated as legal reserve	20,802,137	5
Appropriated as special reserve	68,945	•
Unappropriated earnings	50,229,008	12
Others:	30,229,000	12
Unrealized loss on long-term investments (Note 2)	(35)	
Cumulative translation adjustments (Note 2)	225,408	
Treasury stock (at cost) 40,597 thousand shares (Notes 2 and 19)	(1,633,228)	
Total shareholders equity	329,214,309	81
TOTAL LIABILITIES AND SHAREHOLDERS EQUITY	\$ 408,349,092	100

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

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English Translation of Financial Statements Originally Issued in Chinese

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

COMBINED STATEMENT OF INCOME

(UNAUDITED)

FOR THE YEAR ENDED DECEMBER 31, 2003

(In Thousand New Taiwan Dollars, Except Combined Earnings Per Share)

	2003	
	Amount	%
GROSS SALES (Notes 2, 21 and 25)	\$ 207,675,137	
SALES RETURNS AND ALLOWANCES (Note 2)	(4,285,314)	
NET SALES	203,389,823	100
COST OF SALES (Notes 16 and 21)	128,363,461	63
GROSS PROFIT	75,026,362	37
		_
OPERATING EXPENSES (Notes 21 and 25)		
Research and development	12,864,899	6
General and administrative	8,241,084	4
Marketing	2,700,103	2
Total operating expenses	23,806,086	12
INCOME FROM OPERATIONS	51,220,276	25
	- , -,	
NON-OPERATING INCOME AND GAINS (Note 25)		
Gain on sales of investments net (Note 2)	3,540,249	2
Interest (Notes 2 and 24)	894,381	1
Gain on sales of property, plant and equipment (Note 2)	438,809	
Technical service income (Notes 21 and 22)	209,764	
Other (Note 21)	595,959	
Total non-operating income and gains	5,679,162	3
NON-OPERATING EXPENSES AND LOSSES (Note 25)		
Interest (Notes 2, 8 and 24)	1,891,450	1
Loss on impairment of property, plant and equipment and idle assets (Note 2)	1,506,199	1
Foreign exchange loss net (Notes 2 and 24)	758,269	1
Loss on impairment of long-term investments (Note 2)	652,718	
Loss on sales of property, plant and equipment (Note 2)	374,132	
Investment loss recognized by equity method net (Notes 2 and 7)	260,470	

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Amortization of premium from option contracts net (Notes 2 and 24)153,783Other172,708	
Total non-operating expenses and losses 5,769,729	3

(Continued)

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English Translation of Financial Statements Originally Issued in Chinese

	2003	
	Amount	%
	¢ 51 100 700	25
INCOME BEFORE INCOME TAX (Note 25)	\$ 51,129,709	25
INCOME TAX EXPENSE (Notes 2 and 15)	3,922,957	2
		—
INCOME BEFORE MINORITY INTEREST	47,206,752	23
MINORITY INTEREST IN LOSS OF AFFILIATES (Notes 2 and 25)	51,948	
(intervention in the second se	51,510	
COMBINED NET INCOME	\$ 47,258,700	23

	Income Before Income Tax and Minority Interest	Combined Net Income
COMBINED EARNINGS PER SHARE (Note 20)		
Basic earnings per share	\$ 2.52	\$ 2.33
Diluted earnings per share	\$ 2.52	\$ 2.33

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

(Concluded)

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English Translation of Financial Statements Originally Issued in Chinese

TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

NOTES TO COMBINED FINANCIAL STATEMENTS

(UNAUDITED)

(Amounts in Thousand New Taiwan Dollars, Unless Specified Otherwise)

1. GENERAL

Taiwan Semiconductor Manufacturing Company Ltd. (TSMC), a Republic of China (ROC) corporation, was incorporated as a venture among the Government of the ROC, acting through the Development Fund of the Executive Yuan; Koninklijke Philips Electronics N.V. and certain of its affiliates (Philips); and certain other private investors. In September 1994, its shares were listed on the Taiwan Stock Exchange (TSE). On October 8, 1997, TSMC listed its shares of stock on the New York Stock Exchange (NYSE) in the form of American Depositary Shares (ADSs).

TSMC is engaged in the manufacturing, selling, packaging, testing and designing of integrated circuits and other semiconductor devices, and the manufacturing of masks.

TSMC has six direct wholly-owned subsidiaries: TSMC International Investment Ltd. (TSMC International), TSMC North America (TSMC North America), Taiwan Semiconductor Manufacturing Company Europe B.V (TSMC Europe), TSMC Japan K. K. (TSMC Japan), TSMC Shanghai Company Limited (TSMC Shanghai; a newly established entity in 2003), and TSMC Partners Ltd. (TSMC Partners). In addition, TSMC has the following consolidating subsidiaries: A 99.5% owned subsidiary, Emerging Alliance Fund, L.P. (Emerging Alliance) and two 36% owned affiliates Chi Cherng Investment Co., Ltd. (Chi Cherng, which is 36% owned by TSMC and 64% owned by Hsin Ruey Investment Co., Ltd. (Hsin Ruey, which is 36% owned by TSMC and 64% owned by Chi Cherng). TSMC International has two wholly-owned subsidiaries TSMC Development, Inc. (TSMC Development) and TSMC Technology, Inc. (TSMC Technology), and two 97% owned subsidiaries InveStar Semiconductor Development Fund, Inc. (InveStar) and InveStar Semiconductor Development Fund, Inc. (II) LDC (InveStar II). TSMC Development has a 99.996% owned subsidiary, WaferTech, LLC (WaferTech). TSMC has two affiliates over which TSMC exercises significant influence: A 47% owned affiliate, Global UniChip Corporation (GUC), and a 25% owned subsidiary, Ya Xin Technology, Inc. in December 2002. The merger was effective on January 4, 2003 and GUC is the surviving company.

The following diagram presents information regarding the relationship and ownership percentages among TSMC and its affiliates as of December 31, 2003:

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TSMC North America is engaged in the sales and marketing of integrated circuits and semiconductor devices. TSMC Europe, TSMC Japan, TSMC Development and TSMC Technology are engaged mainly in marketing and engineering support activities. TSMC Shanghai is engaged in integrated circuits and other wafer equipment manufacturing and marketing. TSMC Partners, Chi Cherng and Hsin Ruey are engaged in investments. TSMC International is engaged in providing investment in companies involved in design, manufacture, and other related business in semiconductor industries. Emerging Alliance, InveStar and InveStar II are engaged in investing in new start-up technology companies. WaferTech is engaged in the manufacturing, selling, testing and designing of integrated circuits and other semiconductor devices. GUC is engaged in the designing, developing, manufacturing, testing and marketing of integrated circuits. VisEra is engaged in electronic spare parts manufacturing, material wholesaling and retailing activities.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The combined financial statements are presented in conformity with the Regulations Governing the Preparation of Affiliates Combined Operating Report, Combined Financial Statements and Relationship Report in ROC and the ROC regulations governing the preparation of financial statements of public companies and generally accepted accounting principles in the ROC. Significant accounting policies are summarized as follows:

Combination

All significant inter-company balances and transactions have been eliminated in combined financial statements. The combined financial statements include, as of and for the year ended December 31, 2003, the accounts of all majority (directly and indirectly) owned subsidiaries of TSMC, and the accounts of GUC and VisEra that TSMC exercised significant influence on. Vanguard International Semiconductor Corporation (VIS), which was a combined entity in 2002, was already terminated the significant controlled relationship with TSMC, the combined financial statements as of and for the year ended December 31, 2003 do not include the accounts of VIS. TSMC and the foregoing s affiliates are hereinafter referred to collectively as the Company .

Minority interests in the forementioned affiliates are presented separately in the combined financial statements.

Classification of Current and Non-current Assets and Liabilities

Current assets are those which expected to be converted to cash, sold or consumed within one year from the balance sheet date. Current liabilities are obligations due on demand within one year from the balance sheet date. Assets and liabilities that are not classified as current are non-current assets and liabilities, respectively.

Cash Equivalents

Government bonds under repurchase agreements acquired with maturities less than three months from date of purchase are classified as cash equivalents.

Short-term Investments

Short-term investments consist of government bonds, money market funds, government bonds acquired under repurchase agreements, bond funds and listed stocks. The investments are carried at the lower of cost or market value. Cash dividends are recorded as investment income in the current period. An allowance for decline in value is provided and is charged to current period earnings when the aggregate carrying value of the investments exceeds the aggregate market value. A reversal of the allowance is recorded for a subsequent recovery of the market value. The cost of investments sold is accounted for using the weighted-average method.

The market values of government bonds are determined using the average of bid and ask prices of the government bonds. The market value of funds is determined using the net asset value of the funds, and the market value of listed stocks is determined using the average-closing price of the listed stocks for the last month of the period.

Allowance for Doubtful Receivables

Allowances for doubtful receivables are provided based on a review of the collectibility of accounts receivables. The Company determines the amount of allowance for doubtful accounts by examining the historical collection experience and current trends in the credit quality of its customers as well as its internal credit policies.

Revenue Recognition and Allowance for Sales Returns and Others

The Company recognizes net sales when the earnings process is complete, as evidenced by an agreement with the customer, transfer of title and acceptance, if applicable, have occurred, as well as the price is fixed or determinable and the collectibility is reasonably assured. An allowance is provided for any sales return and pricing discounts. Allowance for sales returns and pricing discounts is estimated based on historical experience and any known factors that would affect the allowance. Such provisions are deducted from sales in the year the products are sold and the estimated related costs are deducted from cost of sales.

Sales are determined using the 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 majority of the customers and 30 to 45 days after the end of the month in which the sales occur for some customers. Since the receivables from sales are collectible within one year and such transactions are frequent, the fair value of receivables is equivalent to the nominal amount of cash received.

Inventories

Inventories are stated at the lower of cost or market value. Inventories are recorded at standard cost and adjusted to the approximate weighted-average cost at the end of each period. Market value represents net realizable value for finished goods and work in process. Replacement value represents net realizable value for raw materials, supplies and spare parts. The Company assesses the impact of changing technology on its inventory on-hand and write-off inventories that are considered obsolete. Ending inventories are evaluated for estimated excess quantities and obsolescence based on demand forecast within a specific time horizon, generally 180 days or less. Scrap and slow-moving items are recognized in the allowance for losses.

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Long-term Investments

Investments in companies wherein the Company exercises significant influence on the operating and financial policy decisions are accounted for using the equity method of accounting. The Company s proportionate share in the net income or net loss of investee companies is recognized as components of the Investment income/loss recognized by equity method net account. When equity investments are made, the difference, if any, between the cost of investment and the Company s proportionate share of investee s net book value is amortized using the straight-line method over five years and is recorded as a component of the investment income/loss recognized by equity method net account.

When the Company subscribes to additional investee shares at a percentage different from its existing equity interest, the resulting carrying amount of the investment in the equity investee differs from the amount of Company s proportionate share in the investee s net equity. The Company records such difference as an adjustment to long-term investments with the corresponding amount charged to capital surplus. In the event an investee uses its capital surplus (excluding any reserve for asset revaluation) to offset its accumulated deficit, the Company records a corresponding entry equivalent to its proportionate share of the investee s adjustment.

Investments in companies wherein the Company does not exercise significant influence are recorded at historical cost. Cash dividends are recognized as income in the year received but are accounted for as reduction in the carrying values of the long-term investments if the dividends are received in the same year that the related investments are acquired. Stock dividends are recorded as an increase in the number of shares held and do not affect investment income or the carrying amount of the investment. An allowance is recognized for any decline in the market value of investments with readily ascertainable fair market value with the corresponding amount recorded as an unrealized loss, a component of shareholders equity. A reversal of the allowance will result from a subsequent recovery of the market value of such investments. The market value of such investment is determined using the average-closing price of the listed stocks for the last month of the period. The carrying values of investments whose fair market values are not readily ascertainable are reduced to reflect an other-than-temporary decline in their values, with the related impairment loss charged to income.

Investments in foreign mutual funds are stated at the lower of aggregate cost or net asset value. An allowance is recognized when the cost of the funds is lower than their net asset values, with the corresponding amount recorded as a reduction to shareholders equity. A reversal of the allowance will result from a subsequent recovery of the net asset value.

The costs of investments sold are determined using the weighted-average method.

When investments in publicly-traded stocks are reclassified from long-term to short-term investments, the Company recognizes a loss to the extent, if any, that the market value of such investments is lower than the carrying value.

If an investee company recognizes an unrealized loss on its long-term investment using the lower-of-cost-or-market method, the Company also recognizes a corresponding unrealized loss in proportion to its equity interest in the investee company and records the amount as a component of its shareholders equity.

Gains or losses on sales from the Company to investee companies accounted for using the equity method are deferred in proportion to the Company s ownership percentage in the investee companies until realized through a transaction with a third party. The entire amount of the gains or losses on sales to majority-owned subsidiaries is deferred until such gains or losses are realized through the subsequent sale of the related products to third parties.

Gains or losses on sales by investee companies to the Company are deferred in proportion to the Company s ownership percentages in the investee companies until realized through transactions with third parties.

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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 impairment is determined, the related assets are stated at the lower of fair value or book value. Idle assets are stated at the lower of book value or net realizable value. Significant additions, renewals, betterments, and interest expense incurred during the construction period are capitalized. Maintenance and repairs are expensed in the period incurred. Interest expense incurred for the project during the purchase and construction period is also capitalized.

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 2 to 10 years; and office equipment 3 to 7 years.

Upon sale or disposal of property, plant and equipment, the related cost and accumulated depreciation are removed from the corresponding accounts, with any gain or loss charged to income in the period of disposal.

Goodwill

Goodwill represents the excess of the consideration paid for acquisitions over the fair market value of identifiable net assets acquired and acquisition costs. Goodwill is amortized using the straight-line method over the estimated life of 10 years.

Deferred Charges

Deferred charges consist of software and system design costs, technology license fees and other charges. The amounts are amortized as follows: software and system design costs 2 or 5 years, technology license fees the shorter of the estimated life of the technology or the term of the technology transfer contract.

Pension Costs

TSMC and GUC record net periodic pension costs on the basis of actuarial calculations. TSMC and GUC amortize unrecognized net gains or losses and unrecognized net transition obligation over 25 years and 15 years, respectively.

Income Tax

The Company uses an inter-period tax allocation method for income tax. Deferred income tax assets and liabilities are recognized for the tax effects of temporary differences, unused tax credits, and net operating loss carry forwards. 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

non-current 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, it is classified as current or non-current based on the expected length of time before it is realized.

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

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

As of January 1, 1998, income taxes on unappropriated earnings (excluding earnings from foreign consolidating subsidiaries) of 10% are expensed in the year of shareholder approval which is usually the year subsequent to the year incurred.

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Foreign-Currency Transactions

Foreign currency transactions are recorded in New Taiwan dollars at the current rate of exchange in effect when the transactions occur. Exchange gains or losses derived from foreign currency transactions or monetary assets and liabilities denominated in a foreign currency are recognized in current operations. At the end of each period, assets and liabilities denominated in foreign currencies are revalued at the prevailing exchange rate with the resulting gains or losses recognized in current operations.

Derivative Financial Instruments

The Company enters into foreign currency forward contracts to manage its currency exposures in cash flow and in foreign currency-denominated assets and liabilities. The differences in the New Taiwan dollar amounts translated using the spot rate and the amounts translated using the contracted forward rates on the contract date are amortized over the terms of the forward contracts using the straight-line method. At the end of each period, the receivables or payables arising from forward contracts are restated using the prevailing spot rate at the balance sheet date with the resulting differences charged to income. In addition, the receivables and payables related to forward contracts are netted with the resulting amount presented as either an asset or a liability. Any resulting gains or losses upon settlement are charged to income in the period of settlement.

The Company enters into interest rate swap transactions to manage its exposures to changes in interest rates on existing liabilities. These transactions are accounted for on an accrual basis, in which the cash settlement receivable or payable is recorded as an adjustment to interest income or expense.

The notional amount of foreign currency option contracts entered into for hedging purposes are not recognized as an asset or liability on the contract dates. The premiums paid or received for the call or put options are amortized and charged to income on a straight-line basis over the term of the related contract. Any resulting gains or losses upon settlement are charged to income in the period of settlement.

Translation of Foreign-Currency Financial Statements

ROC SFAS No. 14, Accounting for Foreign-Currency Transactions, applies to foreign subsidiaries that use the local foreign currency as their functional currency. The financial statements of foreign subsidiaries are translated into New Taiwan dollars at the following exchange rates: Assets and liabilities current rate on balance sheet date; shareholders equity historical rate; income and expenses weighted average rate during the year. The resulting translation adjustment is recorded as a separate component of shareholders equity.

3. SIGNIFICANT ELIMINATION ENTRIES

Significant transactions and balances with affiliates that have been eliminated upon combination are as follows:

Company

Account

Amount

Transaction Entity

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TSMC	Payables to related parties	\$ 1,184,642	WaferTech
		16,026	TSMC Europe
		28,150	TSMC Japan
		12,241	TSMC North America
		10,792	TSMC Technology
	Receivables from related parties	13,946,638	TSMC North America
		1,232	TSMC Technology
		15,339	GUC

(Continued)

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Company	Account	Amount	Transaction Entity
	Sales	\$ 117,758,911	TSMC North America
		549,471	GUC
	Purchases	11,433,083	WaferTech
	Marketing expenses commissions	215,202	TSMC Japan
		154,262	TSMC Europe
	Other non-operating income	2,794	WaferTech
TSMC International	Other receivables	2,038,680	TSMC Development
	Other receivables	339,780	TSMC Technology
	Interest receivable	198,805	TSMC Technology
	Interest receivable	1,787	TSMC Development
	Deferred revenue	670,970	TSMC Technology
	Interest income	14,343	TSMC Technology
	Interest income	1,810	TSMC Development
TSMC Partners	Other receivables	10,427,786	TSMC International
	Other receivables	2,718,240	TSMC Development
	Interest receivable	2,382	TSMC Development
	Deferred revenue	9,188,559	TSMC International
	Interest income	174,579	TSMC International
	Interest income	2,414	TSMC Development
TSMC Technology	Accounts receivable	2,194	WaferTech
	Management service income	25,112	WaferTech
	Technical service income	13,229	WaferTech

4. CASH AND CASH EQUIVALENTS

	2003
Cash and bank deposits Government bonds acquired under repurchase agreements	\$ 97,479,598 5,947,359
	\$ 103,426,957

5. SHORT-TERM INVESTMENTS

	2003
Government bonds	¢ 7 602 505
Money market funds	\$ 7,692,595 3,068,213
Government bonds acquired under repurchase agreements	1,800,000
Bond funds	1,311,085
Listed stocks	50,728
	\$ 13,922,621
Market value	\$ 14,366,355
	+,,

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6. INVENTORIES NET

	2003
Finished goods	\$ 2,896,769
Work in process	9,155,981
Raw materials	465,745
Supplies and spare parts	1,052,075
	13,570,570
Less allowance for losses	(1,375,504)
	\$ 12,195,066

7. LONG-TERM INVESTMENTS

	2003	
	Carrying Value	% of Owner- Ship
Shares of stock		
Equity method:		
Publicly traded stocks		
VIS	\$ 4,077,198	28
Non-publicly traded stocks	+ .,,	
Systems on Silicon Manufacturing Company Pte Ltd. (SSMC)	2,759,376	32
	6,836,574	
Cost method:		
Common stocks		
Publicly traded stocks		
RichTek Technology Corp.	26,728	5
Non-publicly traded stocks		
United Gas Co., Ltd.	193,584	11
Global Testing Corp.	179,905	10
Shin-Etsu Handotai Taiwan Co., Ltd.	105,000	7
Global Investment Holding, Inc.	104,144	6
EoNex Technologies, Inc.	103,580	6
Hong Tung Venture Capital	83,916	10
Procoat Technology Co., Ltd.	65,922	10
W.K. Technology Fund IV	50,000	2
Advanced Power Electronics Corp.	46,761	5
Conwise Technology Co., Ltd.	33,268	14
EON Technology, Inc.	32,788	8
TrendChip Technologies, Corp.	29,262	5
Auden Technology Mfg. Co., Ltd.	28,341	4
Ralink Technologies, Inc.	26,889	5
Goyatek Technology, Inc.	24,689	8
ChipStrate Technology, Inc.	10,451	9
Signia Technologies, Inc.	10,442	6

Programmable Microelectronics (Taiwan) Corp.	8,612	4
eChannel Option Holding, Inc.	8,515	6
Capella Microsystems, Inc.	5,306	
GeoVision, Inc.	4,477	1
eLCOS Microdisplay Technology, Ltd.	917	1
	1,183,497	

(Continued)

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	200	3
	Carrying Value	% of Owner Ship
Preferred stocks		
Non-publicly traded stocks	\$ 224,646	10
Sonics, Inc.	\$ 224,646 142,436	1:
Reflectivity, Inc. Monolithic Power Systems, Inc.	142,450	1.
Atheros Communications, Inc.	122,086	10
Tropian, Inc.	119,306	4
eLCOS Microdisplay Technology, Ltd.	118,920	•
Memsic, Inc.	103,964	23
Quicksilver Technology	84,548	2.
Pixim, Inc.	80,932	
Kilopass Technology, Inc.	67,956	19
Fang Tek, Inc.	67,956	44
NanoAmp Solutions, Inc.	62,946	4
NetLogic Microsystems, Inc.	62,859	-
Alchip Technologies, Ltd.	57,763	
Ikanos Communication, Inc.	55,206	í
SiRF Technology Holdings, Inc.	49,753	-
OEpic Inc.	44,741	5
Advanced Analogic Technologies, Inc.	42,844	
Integrated Memory Logic, Inc.	41,480	12
Axiom Microdevices Inc.	33,978	1
Optichron Inc.	33,978	
NuCORE Technology, Inc.	33,978	
Silicon Data, Inc.	25,484	~
XHP Microsystem, Inc.	25,483	(
Newport Opticom Inc.	22,139	1:
Angstron Systems, Inc.	16,996	(
Iridigm Display, Co.	16,989	
NextIO, Inc.	16,989	
Zenesis Technologies, Inc.	16,989	2
IP Unity	16,781	,
Accelerant Networks, Inc.	15,630	-
Match Lab, Inc.	14,866	1
Quake Technologies, Inc.	11,340	
LightSpeed Semiconductor Corp.	11,172	2
Sensory, Inc.	10,618	-
Oridus, Inc.	10,193	1
Audience, Inc.	8,495	,
LeadTONE Wireless, Inc.	4,462	(
Capella Microsystems, Inc.	4,134	
Incentia Design Systems, Inc.	3,126	
Mosaic Systems	408	(
	2.028.662	
	2,038,662	
Funds		
Horizon Ventures	229,669	
Crimson Asia Capital	40,947	
	270,616	

\$ 10,329,349

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The carrying value of investments accounted for using the equity method and the related investment gains or losses were determined based on the audited financial statements of the investees for the same period as the Company. The investment gains (losses) of the investee companies consisted of the following:

	2003
SSMC VIS	(\$310,821) 50,351
	(\$260,470)

The aggregate market value of the publicly traded stocks accounted for using the cost method was \$510,995 thousand as of December 31, 2003.

On January 8, 2003, TSMC s investee company, VIS, issued 600,000 thousand shares of common stock at a price of NT\$7 per share of which TSMC purchased a total of 230,882 thousand shares. As a result, its ownership in VIS increased from 25% to 28%.

8. PROPERTY, PLANT AND EQUIPMENT

Accumulated depreciation consisted of the following:

	2003
Land improvements	\$ 154,062
Buildings	31,665,779
Machinery and equipment	238,453,889
Office equipment	4,801,376
	\$ 275,075,106

Information on the status of expansion or construction plans of the Company s manufacturing facilities as of December 31, 2003 is as follows:

	Estimated		Actual Date	
Construction/	Complete	Accumulated	of Starting	Expected Date of
Expansion Plan	Costs	Expenditures	Operations	Starting Operations
Fab 12 Phase 1	\$ 85,364,800	\$ 82,722,100	March 2002	
Fab 14 Phase 1	67,047,200	27,189,600		2 nd half of 2004 at the earliest
Three in one construction (Note 23n)	202,719	154,630		May 2004

For the year ended December 31, 2003, interest expense (before deducting capitalized amounts of NT\$139,516 thousand in 2003) was NT\$2,030,966 thousand. The interest rates used for the purposes of calculating the capitalized amount were between 1.770% and 5.283% in 2003.

9. DEFERRED CHARGES NET

	2003
Technology license fees	\$ 5,084,684
Software and system design costs	2,764,305
Others	314,425
	\$ 8,163,414

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10. SHORT-TERM BANK LOANS

	2003
Unsecured loan in US dollars:	
US\$12,000 thousand, annual interest at 1.52%	\$ 407,736

As of December 31, 2003, TSMC provided NT\$1,359,120 thousand (US\$40,000 thousand) guarantee for the benefit of TSMC North America for the above loan.

Unused credit lines as of December 31, 2003 aggregated approximately US\$38,000 thousand.

11. LONG-TERM BANK LOANS

	2003
Secured loan:	
US\$199,000 thousand, repayable by February 2005, annual floating interest at 1.8275%	\$ 6,761,622
Science Park Administration (SPA), repayable by October 2008, annual interest is zero	22,693
Unsecured loan:	
US\$60,000 thousand, repayable by December 2006, annual interest at 1.56%	2,038,680
	8,822,995
Current portion	(5,489)
	\$ 8,817,506

As of December 31, 2003, TSMC provided NT\$16,989,000 thousand (US\$500,000 thousand) guarantee for the benefit of TSMC Development and WaferTech s US\$ secured loan above. In addition, all assets of WaferTech with carrying amount of approximately NT\$18,876,007 thousand (US\$555,536 thousand) are pledged for the US\$ secured loan. WaferTech is required to be in compliance with certain financial covenants beginning December 31, 2002 under the US\$ secured loan agreement above. As of December 31, 2003, WaferTech was in compliance with all such financial covenants. Under the unsecured loan agreement above, the Company is required to be in compliance with certain financial covenants which, if violated, could result in the payment of this obligation becoming due prior to the originally scheduled maturity date. The Company was in compliance with these financial covenants as of December 31, 2003. As of December 31, 2003, NT\$17,250 thousand of time deposits of GUC is pledged for the aforementioned loan from SPA.

Unused credit lines for long-term bank loans as of December 31, 2003 aggregated approximately US\$241,000 thousand.

As of December 31, 2003, future minimum principal payments under the Company s long-term bank loan arrangements are as follows:

Year	Aı	nount
2004	\$	5,489
2005	6,7	767,111 044,169
2006	2,0	
2007		4,137
2008		2,089
	\$ 8,8	822,995

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12. BONDS

	2003
Domestic unsecured bonds:	
Issued on October 21, 1999 and payable on October 21, 2002 and 2004 in two equal payments, 5.67% and 5.95%	
annual interest payable annually, respectively	\$ 5,000,000
Issued from December 4 to 15, 2000 and payable in December 2005 and 2007 in two equal payments, 5.25% and	
5.36% annual interest payable annually, respectively	15,000,000
Issued from January 10 to 24, 2002 and payable in January 2007, 2009 and 2012 in three equal payments, 2.60%,	
2.75% and 3% annual interest payable annually, respectively	15,000,000
	\$ 35,000,000

As of December 31, 2003, future principal payments for TSMC s bonds are as follows:

Year of Repayment	Amount
2004	\$ 5,000,000
2005	10,500,000
2007	7,000,000
2008 and thereafter	12,500,000
	\$ 35,000,000

13. OTHER LONG-TERM PAYABLES

Other long-term payables consist primarily of license arrangements entered by TSMC for certain semiconductor-related patents. Future minimum payments under the agreements as of December 31, 2003 are as follows:

Year	Amount
2004	\$ 1,603,090
2005	1,284,698
2006	458,703
2007	475,692
2008	271,824
2009 and thereafter	815,471
	\$ 4,909,478

14. PENSION PLAN

TSMC and GUC have defined benefit plans for all regular employees that provide benefits based on length of service and average monthly salary for the six-month and one-month period prior to retirement, respectively.

TSMC and GUC contribute at an amount equal to 2% of salaries paid every month to a Pension Fund (the Fund). The Fund is administered by a pension fund monitoring committee (the Committee) and the amounts in the Fund are deposited in the Committee s name with the Central Trust of China.

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For the year ended December 31, 2003, the changes in the Fund and accrued pension costs are summarized as follows:

		2003
a. Components of pension cost		
Service cost	\$	505,554
Interest cost	Ŧ	110,094
Projected return on plan assets		(41,261)
Amortization		2,657
Net pension cost	\$	577,044
b. Reconciliation of the fund status of the plan and unfunded accrued pension cost		
Benefit obligation		
Vested benefit obligation	\$	27,856
Nonvested benefit obligation		2,190,233
Accumulated benefit obligation		2,218,089
Additional benefits based on future salaries		1,762,504
Projected benefit obligation		3,980,593
Fair value of plan assets		(1,212,553)
Funded status		2,768,040
Unrecognized net transitional obligation		(144,064)
Unrecognized net loss		(15,533)
Unfunded accrued pension cost	\$	2,608,443
c. Actuarial assumptions		
c. Actuarial assumptions Discount rate used in determining present values	3	.25%-3.50%
Future salary increase rate		.00%-5.00%
Expected rate of return on plan assets		.75%-3.25%
d. Contributions to pension fund	\$	183,012
e. Payments from pension fund	\$	3,490

15. INCOME TAX

a. A reconciliation of income tax expense based on income before income tax and minority interest at the statutory rate and current income tax expense before income tax credits is as follows:

	2003
Income tax expense based on income before income tax and minority interest at the statutory	
rate	\$ 12,881,547
Tax-exempt income	(5,255,750)
Temporary and permanent differences	(732,518)

Current income tax expense before income tax credits

\$ 6,893,279

(Continued)

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b. Income tax expense consists of:

	2003
Current income tax expense before income tax credits	\$ 6,893,279
Additional 10% tax on the unappropriated earnings	1,273,482
Income tax credits	(7,917,070)
Other income tax	7,988
Net change in deferred income tax liabilities (assets)	
Net operating loss	(520,780)
Investment tax credits	872,403
Temporary differences	(2,388,217)
Valuation allowance	5,701,814
Adjustment of prior years taxes	58
Income tax expense	\$ 3,922,957
 c. Deferred income tax assets (liabilities) consist of the following: Current Investment tax credits 	\$ 8,339,288
Temporary differences	387,285
Net operating loss	3,093
Valuation allowance	(331,461)
	\$ 8,398,205
Noncurrent	
Net operating loss	\$ 8,438,732
Investment tax credits	17,414,604
Temporary differences	(6,267,041)
Valuation allowance	(18,474,928)
	\$ 1,111,367

d. Integrated income tax information:

The balance of TSMC s imputation credit account as of December 31, 2003 was NT\$2,832 thousand.

The expected creditable ratio for 2003 was 0.01%.

The amount of imputation credit allocated to the shareholders is based on its balance as of the date of dividend distribution. The expected creditable ratio may be adjusted when the distribution of the imputation credits are made.

e. All retained earnings generated prior to December 31, 1997 were appropriated as of December 31, 2003.

f. As of December 31, 2003, the Company s investment tax credits consisted of the following:

		Total Creditable	Remaining Creditable	Expiry
Regulation	Items	Amounts	Amounts	Year
Statute for Upgrading Industries	Purchases of machinery and	¢ 0.005.151	¢ 2.020.020	2004
	equipment	\$ 8,205,151	\$ 3,939,939	2004
		3,792,734	3,792,734	2005
		4,823,863	4,823,863	2006
		1,680,360	1,680,360	2007
		\$ 18,502,108	\$ 14,236,896	
Statute for Upgrading Industries	Research and development			
10 0	expenditures	\$ 2,274,496	\$ 2,274,496	2004
	•	3,131,141	3,131,141	2005
		3,342,245	3,342,245	2006
		2,322,213	2,322,213	2007
		\$ 11,070,095	\$ 11,070,095	
		· · · · · · · · · · · · ·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Statute for Upgrading Industries	Personnel training	\$ 48,097	\$ 48,097	2004
		28,886	28,886	2005
		27,357	27,357	2006
		378	378	2007
		\$ 104,718	\$ 104,718	
Statute for Upgrading Industries	Investments in important			
	technology-based enterprises	\$ 203,319	\$ 203,319	2004
		138,864	138,864	2005
		\$ 342,183	\$ 342,183	

As of December 31, 2003, the net operating loss carryforwards were generated from WaferTech, TSMC Development, TSMC Technology and GUC, and will expire at various dates from 2008 to 2023.

g. The sales attributable to the following expansion and construction of TSMC s manufacturing plants are exempt from income tax for the following period:

	Tax-Exemption Periods		
Construction of Fab 6	2001 to 2004		
Construction of Fab 8 module B	2002 to 2005		
Expansion of Fab 2 modules A and B, Fab 3 and Fab 4, Fab 5 and Fab 6	2003 to 2006		

h. The tax authorities have examined income tax returns of TSMC through 2000. However, TSMC is contesting the assessment by the tax authority for 1992, 1993, 1997 and 1998. TSMC believes that any additional assessment would not have a material adverse effect

on TSMC.

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For the Vear Ended December 31 2003

16. LABOR COST, DEPRECIATION AND AMORTIZATION EXPENSE

	For the Year Ended December 51, 2005			
		Classified as		
	Classified as	Operating		
	Cost of Sales	Expense	Total	
Labor cost				
Salary	\$ 9,023,743	\$ 4,744,710	\$ 13,768,453	
Labor and health insurance	477,299	251,547	728,846	
Pension	380,210	197,355	577,565	
Other	339,547	305,127	644,674	
Depreciation	61,990,348	2,423,189	64,413,537	
Amortization	1,385,961	3,418,395	4,804,356	
	\$ 73,597,108	\$ 11,340,323	\$ 84,937,431	

17. SHAREHOLDERS EQUITY

Capital, Capital Surplus and Retained Earnings

TSMC has issued 585,898 thousand ADSs, which are traded on the NYSE as of December 31, 2003. The total number of common shares represented by all issued ADSs is 2,929,491 thousand shares (one ADS represents five common shares).

Capital surplus can only be used to offset a deficit under the ROC Company Law. However, the components of capital surplus generated from donated capital and the excess of the issue price over the par value of capital stock (including the stock issued for new capital, mergers, and the purchase of treasury stock) can be distributed as stock dividends.

TSMC s Articles of Incorporation provide that the following shall be appropriated from annual earnings to the extent that the annual earnings exceed any accumulated deficit:

- a. 10% legal reserve; until the amount of total legal reserve equals TSMC s total paid-in capital;
- b. Special reserve in accordance with relevant laws or regulations;
- c. Remunerations to directors and supervisors and bonuses to employees equal to 0.3% and at least 1% of the remainder, respectively. Individuals eligible for the employee bonuses may include employees of affiliated companies as approved by the board of directors or a representative of the board of directors;

- d. Dividends to holders of preferred shares at a 3.5% annual rate, based on the period which the preferred shares have been outstanding. Following the redemption of all of its issued and outstanding preferred shares in May 2003, TSMC amended its Articles of Incorporation on June 3, 2003 to remove the provision for issuance of any future dividends to preferred shareholders as of that date;
- e. The appropriation of any remaining balance shall be approved by the shareholders.

Dividends may be distributed in shares of common stock or a combination of cash and common stock. Distributions of profits are usually made in the form of a stock dividend. The total of cash dividends paid in any given year may not exceed 50% of total dividends distributed in that year.

Any appropriations of net income are recorded in the financial statement in the year of shareholder approval.

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The appropriation for legal reserve is made until the reserve equals the aggregate par value of TSMC s outstanding capital stock. The reserve can only be used to offset an accumulated deficit or be distributed as a stock dividend up to 50% of the reserve balance when the reserve balance has reached 50% of the aggregate par value of the outstanding capital stock of TSMC.

A special reserve equivalent to the debit balance of any account shown in the shareholder s equity section of the balance sheet (except for the recorded cost of treasury stock held by subsidiaries) shall be made from unappropriated retained earnings pursuant to existing regulations promulgated by the ROC Securities and Futures Commission (SFC). The special reserve is allowed to be appropriated when the debit balance of such account is reversed.

The appropriations of earnings for 2002 were approved in the shareholders meeting on June 3, 2003. The appropriations and dividends per share are as follows:

		Dividend	
	Appropriation	Per Share	
	of Earnings	(NT\$)	
Legal reserve	\$ 2,161,029		
Special reserve	68,945		
Bonus paid to employees in stock	1,539,013		
Preferred stock dividend in cash	455,000	0.35	
Common stock dividend in stock	14,898,309	0.80	
Remuneration to directors and supervisors in cash	58,485		
	\$ 19,180,781		

The above appropriation of earnings for 2002 is consistent with the resolution of the March 4, 2003 board of directors meeting. If the above employee bonus and remuneration to directors and supervisors had been paid in cash and charged against income for 2002, the basic earnings per share for the year ended December 31, 2002 would decrease from NT\$1.14 to NT\$1.05. The shares distributed as a bonus to employees represented 0.83% of TSMC s total outstanding common shares as of December 31, 2002.

As of January 12, 2004, the board of directors had not resolved the earnings appropriation for fiscal year 2003.

The above information associated with the appropriations of bonus to employees and remuneration to directors and supervisors is available at Market Observation System website.

Under the Integrated Income Tax System that became effective on January 1, 1998, ROC resident shareholders are allowed a tax credit for their proportionate share of the income tax paid by the TSMC on earnings generated as of January 1, 1998. An imputation credit account is maintained by TSMC for such income tax and the tax credit allocated to each shareholder.

Preferred Stock

TSMC issued 1,300,000 thousand shares of unlisted Series A preferred stock to certain investors on November 29, 2000. All of the preferred stock was redeemed at par value and retired on May 29, 2003. Under TSMC s Articles of Incorporation, as amended on June 3, 2003, TSMC is no longer authorized to issue preferred stock.

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The preferred shareholders had the following rights and the related terms and conditions prior to redemption:

Preferred Shareholders

Balance, Ja

- a. Are entitled to receive cumulative cash dividends at an annual rate of 3.5%.
- b. Are not entitled to receive any common stock dividends (whether declared out of unappropriated earnings or capital surplus).
- c. Have priority over the holders of common shares to the assets of TSMC available for distribution to shareholders upon liquidation or dissolution; however, the pre-emptive rights to the assets shall not exceed the issue value of the shares.
- d. Have voting rights similar to that of the holders of common shares.
- e. Have no right to convert their shares into common shares. The preferred shares are to be redeemed within thirty months from their issuance. The preferred shareholders have the aforementioned rights and the TSMC s related obligations remain the same until the preferred shares are redeemed by the TSMC.

18. STOCK-BASED COMPENSATION PLANS

On October 29, 2003 and June 25, 2002, the SFC approved TSMC s Employee Stock Option Plans (the 2003 Plan and the 2002 Plan, respectively). The maximum number of units authorized to be granted under the 2003 Plan and the 2002 Plan was 120,000 thousand and 100,000 thousand, respectively, with each unit representing one common share of stock. The option rights may be granted to qualified employees of TSMC and its subsidiaries, including TSMC North America and WaferTech. The option rights of both plans are valid for ten years and exercisable at certain percentages subsequent to the second anniversary of the grant date. Under the terms of both plans, stock option rights are granted at an exercise price equal to the closing price of TSMC s common shares listed on the TSE on the date of grant. Under the 2002 Plan, there were 51,485 thousand option rights that were never been granted, or had been granted but cancelled. These un-granted or cancelled option rights expired as of December 31, 2003.

Information of outstanding stock option rights under the 2003 Plan and the 2002 Plan is as follows:

2003	2003 Plan 2002 Plan		an	
Number of		Number of		
Outstanding	Range of	Outstanding	Range of	
Stock Option	Exercise	Stock Option	Exercise	
Rights	Price	Rights	Prices	
(In Thousands)	(NT\$)	(In Thousands)	(NT\$)	
		19,369	46.86-48.70	

Options granted Options cancelled	843 (1)	66.5 66.5	32,031 (2,885)	38.23-53.76 38.23-53.76
Balance, December 31, 2003	842		48,515	

For the 2002 Plan, the number of outstanding option rights and their exercise prices have been adjusted to reflect the issuance of stock dividends in accordance with the 2002 Plan.

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In 1996, WaferTech adopted an Executive Incentive Plan, which was amended in 1997. Under the 1997 amendment, the Board of Directors approved the Senior Executive Incentive Plan and the Employee Incentive Plan (the WaferTech Plans) under which officers, key employees and non-employee directors may be granted stock option rights. The WaferTech Plans provide for 15,150 thousand option rights available for grant. For option rights granted to date, the option purchase price was equal to or exceeded the fair market value at the date of grant. As of December 31, 2003, 672 thousand stock options remain outstanding. The options will expire if not exercised at specified dates ranging from May 2006 and June 2011. No options were granted during the years ended December 31, 2003 as a result of the implementation of the Stock Option Buyback Program as described below.

WaferTech Buyback Program

In December 2000, WaferTech implemented a Stock Option Buyback Program (Buyback). The Buyback program provides employees with the right to sell back to WaferTech all vested stock options and outstanding ownership interests granted under the WaferTech Plans. The repurchase price for outstanding ownership interests is US\$6. The repurchase price for vested stock options is US\$6 less the exercise price of the option. As of December 31, 2003, WaferTech has repurchased 3,253 thousand outstanding ownership interests at a cost of US\$19,519 thousand, and 6,913 thousand vested stock option rights at a cost of US\$34,483 thousand. As of December 31, 2003, 164 thousand stock options are vested and may be sold back to WaferTech, and US\$2,681 thousand was accrued in connection with the Buyback program.

Stock Appreciation Rights

In December 2000, WaferTech and TSMC North America implemented a stock appreciation rights program (Appreciation). The Appreciation plan is designed to provide employees with a long-term incentive plan that tracks the appreciation of TSMC common stock through Stock Appreciation Rights (SARs). SARs provide each participant the right to receive, upon exercise, an amount in cash from WaferTech and TSMC North America that is the excess of the market price of TSMC common stock on TSE on the date of exercise over the exercise price. As of December 31, 2003, WaferTech and TSMC North America accrued US\$1,735 thousand and US\$3,032 thousand, respectively, in connection with the Appreciation. During 2002, benefits under the Appreciation plan for TSMC North America were replaced by the stock option plans as described in Note 17. Accordingly, TSMC North America does not intend to provide additional Appreciation plan benefits subsequent to the adoption of the stock option plans.

19. TREASURY STOCK (COMMON STOCK)

(Shares in Thousand)

Purpose of Purchase	Beginning	Dividend	Share	Ending
Year ended December 31, 2003	Shares	Distributed	Sold	Shares
Reclassification of parent company stock held by subsidiaries from long-term investment	42,001	3,357	4,761	40,597

Proceeds from the sale of treasury stock for the year ended December 31, 2003 were NT\$331,945 thousand. As of December 31, 2003, the book value of the treasury stock was NT\$1,633,228 thousand and the market value was NT\$2,548,788 thousand. TSMC s capital stock held by a subsidiary as an investment is recorded as treasury stock, with the holder having the same rights as other common shareholders.

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20. EARNINGS PER SHARE

Earnings per share (EPS) is computed as follows:

	Amounts (N	Numerator)		EPS	(Dollars)	
	Income		Income			
	Before Income		Before Income Tax Share and			
	Tax and					
	Minority	Combined	(Denominator)	Minority	Combined	
	Interest	Net Income	(Thousand)	Interest	Net Income	
Year ended December 31, 2003						
Income	\$ 51,129,709	\$ 47,258,700				
Less preferred stock dividends	(184,493)	(184,493)				
Basic earnings per share						
Income available to common shareholders	50,945,216	47,074,207	20,223,457	\$ 2.52	\$ 2.33	
Effect of diluted securities stock options			8,282			
· · · · · · · · · · · · · · · · · · ·	. <u> </u>		-, -			
Diluted earnings per share						
Income available to common shareholders	\$ 50,945,216	\$ 47,074,207	20,231,739	\$ 2.52	\$ 2.33	

The potential common shares issuable under the employee stock option plans (see Note 18) are included in the denominator of the diluted EPS computation by using the treasury stock method under SFAS No. 24, Earnings Per Share ; such shares resulted in a dilutive per share amount for the year ended December 31, 2003.

21. RELATED PARTY TRANSACTIONS

Except as disclosed elsewhere in the financial statements, the following is a summary of significant related party transactions:

- a. Industrial Technology Research Institute (ITRI), the Chairman of TSMC serves as one it its directors
- b. Philips, a major shareholder of TSMC
- c. Investees of TSMC

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The transactions with the aforementioned parties, in addition to those disclosed in other notes, are summarized as follows:

	2003	
	Amount	%
For the year ended		
Sales		
Philips and its affiliates	\$ 3,577,054	2
ITRI	60,171	
SSMC	873	
VIS	19	
	\$ 3,638,117	2
Purchase	¢ 5 510 005	17
SSMC	\$ 5,519,805	17
VIS	4,910,810	15
	\$ 10,430,615	32
Manufacturing annual to chaird an istance for		_
Manufacturing expenses technical assistance fees	¢ 2.022.741	2
Philips	\$ 3,023,741	3
Sales of property, plant and equipment		
VIS	\$ 15,125	3
Non-operating income and gains		
SSMC (primarily technical service income; see Note 23f) VIS	\$ 201,869 251	4
10		
	\$ 202,120	4
At December 21		
At December 31 Receivables		
Philips and its affiliates	\$ 895,063	86
VIS	118,503	11
SSMC	14,489	2
ITRI	8,781	1
	\$ 1,036,836	100
	φ 1,050,050	100
Payables	1 . <u>1</u>	
Philips and its affiliates	\$ 1,579,568	49
VIS	1,034,074	32
SSMC	634,647	19
	\$ 3,248,289	100
Refundable deposits VIS (see Note 23h)	\$ 150,840	76

Sales to related parties are based on normal selling prices and collection terms, except for sales of property, plant and equipment and technical assistance fees, which were in accordance with the related contracts.

22. SIGNIFICANT LONG-TERM LEASES

TSMC leases land from the SPA where its Fab 2 through Fab 14 manufacturing facilities reside. These agreements expire on various dates from March 2008 to December 2020 and have annual rent payments aggregating NT\$230,449 thousand. The agreements can be renewed upon their expiration.

TSMC North America leases its office premises and certain equipment under non-cancelable operating agreements. TSMC Europe and TSMC Japan entered into lease agreements for their office premises. The leases will expire between 2005 and 2010. Current annual rent payments aggregate to NT\$118,787 thousand. The agreements can be renewed upon their expiration.

GUC leases land from the SPA. The agreement will expire in December 2021 and has annual rent payment of NT\$1,892 thousand.

As of December 31, 2003 future remaining lease payments are as follows:

Year	Amount
2004	\$ 351,128
2005	352,012
2006	351,759
2007	341,141
2008	320,271
2009 and thereafter	1,822,420
	\$ 3,538,731

23. SIGNIFICANT COMMITMENTS AND CONTINGENCIES

The significant commitments and contingencies of the Company as of December 31, 2003 are as follows:

- a. Under a Technical Cooperation Agreement with Philips, as amended on May 12, 1997, TSMC shall pay technical assistance fees as a percentage of net sales, as defined in the agreement, with respect to certain products. The agreement shall remain in force through July 8, 2007 and may be automatically renewed for successive periods of three years thereafter. Under the amended agreement, starting from the fifth anniversary date of the amended agreement, the fees are subject to reduction by the amounts TSMC pays to any third party for settling any licensing/infringement disputes, provided that the fees to be paid after reduction will not be below a certain percentage of the net sales.
- b. Subject to certain equity ownership and notification requirements, Philips and its affiliates can avail themselves each year of up to 30% of TSMC s production capacity.
- c. Under a technical cooperation agreement with ITRI, TSMC shall reserve and allocate up to 35% of certain of its production capacity for use by the Ministry of Economic Affairs (MOEA) or any other party designated by the MOEA.

d. Under several foundry agreements, TSMC shall reserve a portion of its production capacity for certain major customers that have guarantee deposits with TSMC. As of December 31, 2003, TSMC has a total of US\$22,557 thousand of guarantee deposits.

- e. 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, for the purpose of constructing an integrated circuit foundry in Singapore. As of December 31, 2003, TSMC s equity interest in SSMC was 32%. TSMC and Philips are committed to buy specific percentages of the production capacity of SSMC. If any party defaults on the commitment and the capacity utilization of SSMC falls below a specific percentage of its total capacity, the defaulting party is required to compensate SSMC for all related unavoidable costs.
- f. TSMC provides technical services to SSMC under a Technical Cooperation Agreement (the Agreement) entered into on May 12, 1999. TSMC receives compensation for such services computed at a specific percentage of net sales of certain products sold by SSMC. The Agreement shall remain in force for ten years and may be automatically renewed for successive periods of five years unless pre-terminated by either party under certain conditions.
- g. Under a Technology Transfer Agreement (TTA) with National Semiconductor Corporation (National) entered into on June 27, 2000, TSMC shall receive payments for licensing of certain technology to National. The agreement was to remain in force for ten years and could be automatically renewed for successive periods of two years thereafter unless either party gives notice for early termination under certain conditions. In January 2003, TSMC and National entered into a Termination Agreement whereby the TTA was terminated for convenience. Under the termination agreement, TSMC is relieved of further obligation to transfer additional technology. In addition, TSMC granted National an option to request the transfer of certain technologies under the same terms and conditions as the terminated TTA. The option will expire in January 2008.
- h. TSMC entered into a Manufacturing Agreement with VIS. VIS agrees to reserve certain production capacity for TSMC and agrees to manufacture certain logic devices or other products for TSMC s customers at prices agreed upon by TSMC and VIS. TSMC paid NT\$1,200,000 thousand to VIS as a guarantee deposit for the capacity reservation. VIS shall return portions of the guarantee deposit without any interest to TSMC upon reaching certain purchase commitment by TSMC. The contract will remain in force for five years. As of December 31, 2003, the refundable deposit was NT\$150,840 thousand.
- i. Beginning in 2001, TSMC entered into several licensing arrangements for certain semiconductor patents. The terms of the contracts range from five to ten years with payments to be made in the form of royalties over the term of the related contracts. TSMC has recorded the related amounts as a liability with the corresponding amounts recorded as deferred charges which are amortized and charged to the cost of sales on a straight-line basis over the estimated life of the technology or the term of the contract, whichever is shorter.
- j. In November 2002, TSMC entered into an Amended and Restated Joint Technology Cooperation Agreement with Philips, Motorola, Inc. and STMicroelectronics to jointly develop 90-nanometer to 65-nanometer advanced CMOS Logic and e-DRAM technologies. TSMC also agreed to align 0.12 micron CMOS Logic technology to enhance its foundry business opportunities. TSMC will contribute process technologies and share a portion of the costs associated with this joint development project.
- k. In December 2003, TSMC entered into a Technology Development and License Agreement with Motorola Inc. to jointly develop 65nm SOI (silicon on insulator) technology. TSMC will also license related 90nm SOI technology from Motorola. Any intellectual properties arising out of the co-development project shall be jointly owned by the parties. In accordance with the agreement, TSMC will pay royalties to Motorola, Inc. and share a portion of the costs associated with the joint development project.

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- 1. In December 2003, the Company filed a lawsuit in the US District Court of Northern California against Semiconductor Manufacturing International Corporation and certain of its subsidiaries for patent infringement and trade secret misappropriation. The suit also asks for injunctive relief along with monetary damages. The case is in the process of being reviewed by the court. The probable outcome cannot be reasonably estimated.
- m. Under an agreement with a certain company, TSMC Shanghai has the obligation to purchase certain assets within a specific period at the price agreed upon by both parties. TSMC Shanghai will compensate the other party in case of a breach of the agreement.
- n. GUC, DAVICOM Semiconductor Inc and AMIC Technology Inc entered into a joint construction project for offices and facilities (three in one construction). Under the joint construction project, GUC is required to pay NT\$202,719 thousand.
- o. Amounts available under unused letters of credit as of December 31, 2003 were NT\$6,480 thousand, US\$1,294 thousand, EUR21 thousand and Singapore dollar \$85 thousand. Among the unused letters of credit, TSMC North America has an outstanding irrevocable standby letter of credit with a financial institution for US\$1,294 thousand. The standby letter of credit was entered into as security to the landlord of TSMC North America s office spaces in San Jose, California. In the event TSMC North America defaults under this lease agreement, the landlord will draw on the standby letter of credit up to the amount of the default, but not to exceed the amount of the standby letter of credit. The standby letter of credit expires in October, 2004, and is renewable on an annual basis.

24. ADDITIONAL DISCLOSURES

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

- a. Financing provided: Please see Table 1 attached;
- b. Endorsement/guarantee provided: Please see Table 2 attached;
- c. Marketable securities held: Please see Table 3 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 4 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 5 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 capital: Please see Table 6 attached;
- h. Receivable from related parties amounting to at least NT\$100 million or 20% of the capital: Please see Table 7 attached;
- i. Names, locations, and related information of investee on which the Company exercises significant influence: Please see Table 8 attached;

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j. Financial instrument transactions:

1) Derivative financial instruments

The Company entered into derivative financial instruments transactions for the year ended December 31, 2003 to manage exposures related to foreign-currency denominated receivables or payables, and interest rate fluctuations. Certain information on these contracts is as follows:

a) Outstanding forward exchange contracts as of December 31, 2003

Financial		Contract Amount (Nominal)
Instruments	Maturity Period	(In Thousand)
Sell	January 2004 to July 2004	US\$1,805,000 (US\$/NT\$)
Buy	January 2004	EUR 7,500 (EUR/US\$)
Buv	January 2004	JPY 748.405 (JPY/US\$)

As of December 31, 2003, receivables from forward exchange contracts (included in the other financial assets account) aggregate NT\$76,385 thousand, and payables from forward exchange contracts (included in the other current liabilities account) aggregate NT\$174,019 thousand. Net exchange gain for the year ended December 31, 2003 was NT\$321,033 thousand.

As of December 31, 2003, the underlying assets and liabilities related to the above forward exchange contracts are as follows:

Assets and Liabilities	(In Thousand)
Time deposits	US\$1,137,704
Accounts and notes receivable	US\$ 789,927
Accounts payable	JPY 889,850
Accounts payable	EUR 9,364

b) Interest rate swaps

The Company entered into interest rate swap contracts to manage related interest rates on its long-term loans. Net interest expense on these transactions for the year ended December 31, 2003 was NT\$141,007 thousand.

Outstanding contracts as of December 31, 2003 were as follows:

Contract Date

Period

Contract

Amount

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(In Thousand)

July 1, 1999	July 1, 1999 to June 28, 2004	US\$ 2,857
September 19, 2003	September 22, 2003 to December 15, 2005	NT\$ 500,000
October 16, 2003	October 20, 2003 to December 15, 2005	NT\$ 500,000
October 16, 2003	October 20, 2003 to December 15, 2005	NT\$ 500,000
October 17, 2003	October 21, 2003 to December 15, 2005	NT\$ 500,000
October 17, 2003	October 20, 2003 to December 15, 2005	NT\$ 500,000
November 7, 2003	November 11, 2003 to December 15, 2005	NT\$ 500,000

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c) Option contracts

The Company entered into foreign currency option contracts to manage exchange rate fluctuations arising from its anticipated US dollar cash receipts on export sales or its Yen and European currency obligations for purchases of machinery and equipment.

As of December 31, 2003, there were no outstanding option contracts.

For the year ended December 31, 2003, the Company realized premium income of NT\$ 50,273 thousand and premium expense of NT\$204,056 thousand.

- d) Transaction risk
 - Credit risk. Credit risk represents the positive net settlement amount of those contracts with positive fair values at the balance sheet date. The positive net settlement amount represents the loss incurred by the Company if the counter-parties breached the contracts. The banks, which are the counter-parties to the foregoing derivative financial instruments, are reputable financial institutions. Management believes its exposures related to the potential default by those counter-parties are low.
 - ii) Market price risk. All derivative financial instruments are intended as hedges for fluctuations in currency exchange rates on the Company s foreign currency denominated receivables or payables and interest rate fluctuations on its floating rate long-term loans. Gains or losses from forward exchange contracts are likely to be offset by gains or losses from the hedged receivables and payables. Interest rate risks are also controlled as the expected cost of capital is fixed. Thus, market price risks are believed to be minimal.
 - iii) Liquidity and cash flow risk and uncertainty of amount and term of future cash demand.

As of December 31, 2003, the Company s future cash demand for outstanding forward exchange contracts, interest rate swaps and option contracts are as follows:

	Forward Excha	nge Contracts
Term	Inflow	Outflow
	(In Thousand)	(In Thousand)
Within one year	NT\$61,230,306	US\$ 1,821,340
	EUR 7,500	
	JPY 748,405	

The Company has sufficient operating capital to meet the above cash demand. The interest rate of the interest rate swaps has taken the Company s cost of capital into account. In addition, the exchange rates of forward foreign exchange contracts and option contracts are fixed. Therefore, there is no material fund raising risk and cash flow risk.

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2) Fair value of financial instruments

	December	31, 2003	
	Carrying		
	Amount	Fair Value	
Non-derivative financial instruments			
Assets			
Cash and cash equivalents	\$ 103,426,957	\$ 103,426,957	
Short-term investments	13,922,621	14,366,355	
Receivables from related parties	1,036,836	1,036,836	
Notes and accounts receivable	28,654,824	28,654,824	
Other financial assets	1,389,123	1,389,123	
Long-term investments	10,329,349	17,361,252	
Refundable deposits	200,390	200,390	
Liabilities			
Short-term bank loans	407,736	407,736	
Payables to related parties	3,248,289	3,248,289	
Accounts payable	6,517,548	6,517,548	
Payables to contractors and equipment suppliers	7,356,310	7,356,310	
Long-term bank loans (includes current portion)	8,822,995	8,822,995	
Bonds payable (includes current portion)	35,000,000	35,850,377	
Other long-term payables (includes current portion and other			
liabilities-others)	5,666,138	5,666,138	
Guarantee deposits	763,888	763,888	
Derivative financial instruments			
Forward exchange contracts (buy)	2,351	3,037	
Forward exchange contracts (sell)	(99,984)	40,638	
Interest rate swaps		2,093	
Options			

Fair values of financial instruments were determined as follows:

- a) The carrying amounts reported in the balance sheets for cash and cash equivalents, notes and accounts receivable, other financial assets, accounts payable, payables to contractors and equipment suppliers are approximate to their fair values.
- b) Fair value of short-term and long-term investments is based on quoted market prices. If quoted market prices are unavailable, fair value is based on net asset value or book value of investment.
- c) Fair value of refundable deposits and guarantee deposits is based on carrying values.
- d) The fair value of long-term bank loans is its carrying value with the floating interest rate. The fair value of bonds payable is the quoted market value. Fair value of other long-term payables approximates the carrying value.
- e) Fair value of derivative financial instruments is the estimated net receivable or (payable) if the contracts are terminated on the relevant balance sheet date.

The fair values of some financial and non-financial instruments are not included in the fair values disclosed above. Accordingly, the sum of the fair values of the financial instruments listed above does not represent the fair value of the Company as a whole.

3) Investment in Mainland China:

TSMC filed an investment project with the Investment Commission of MOEA to establish a foundry in Mainland China. On February 27, 2003, the authority approved phase one of the aforementioned project and permitted direct investment in mainland China. Subsequently, TSMC entered into an investment related agreement with Shanghai Songjiang District People s Government on June 8, 2003. On August 4, 2003, TSMC Shanghai, a wholly-owned subsidiary of TSMC, was established. TSMC Shanghai is engaged mainly in the manufacturing and selling of integrated circuits. TSMC made a capital investment in TSMC Shanghai in the amount of US\$56,000 thousand on October 8, 2003.

25. SEGMENT FINANCIAL INFORMATION

a. Geographic information:

		Adjustments			
			and		
	Overseas	Taiwan	Elimination	Combined	
2003					
Sales to unaffiliated customers Transfers between geographic areas	\$ 119,640,412 11,494,868	\$ 83,749,411 118,308,382	\$ (129,803,250)	\$ 203,389,823	
Total sales	\$ 131,135,280	\$ 202,057,793	(\$129,803,250)	\$ 203,389,823	
Gross profit	\$ 2,476,145	\$ 72,951,581	(\$401,364)	\$ 75,026,362	
Operating expenses				(23,806,086)	
Non-operating income and gains				5,679,162	
Non-operating expenses and losses				(5,769,729)	
Income before income tax				\$ 51,129,709	
Minority interest loss				\$ 51,948	
Identifiable assets	\$ 52,276,269	\$ 359,859,703	(\$14,116,229)	\$ 398,019,743	
Long-term investments				10,329,349	
Total assets				\$ 408,349,092	
				φ του, 5-τ, 072	

b. Gross export sales

The export sales information is determined based on billed regions. Gross export sales for the year ended December 31, 2003 were NT\$60,633,527 thousand. There were no export sales to a region that accounted for more than 10% of the Company s total sales.

c. Major customer

The Company only has one customer that accounts for more than 10% of its total sales. The sales to such customer amounted to NT\$31,220,104 thousand in 2003, representing 15% of its total sales.

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

FINANCING PROVIDED

FOR THE YEAR ENDED DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

No.	Financing Name	Counter-party	Financial Statement Account	Maximum Balance for the Period (US\$ in Thousand)	Ending Balance (US\$ in Thousand)	InteresTra Rate Ar	Reasons for	Collateral owance for Bad Debt ItemValu	Financing Limit for Each Borrowing	Financing Company s Financing Amount Limits (US\$ in Thousand)
			Other							
1	TSMC International	TSMC Technology	receivables	\$ 538,585	\$ 538,585	4.25%	\$ Operating capital	\$\$	N/A S	33,569,117
				(US\$15,851)	(US\$15,851)					(US\$987,968)
										(Note 1)
			Other							
		TSMC Development	receivables	\$ 2,038,680	\$ 2,038,680	1.50%	Operating capital			
				(US\$60,000)	(US\$60,000)					
			Other							
2	TSMC Partners	TSMC Development	receivables	\$ 2,718,240	\$ 2,718,240	1.50%	Operating capital		N/A	(Note 2)
				(US\$80,000)	(US\$80,000)					

Note 1: Not exceeding the issued capital of the Company.

Note 2: Generally not exceeding the issued capital of the Company, unless approved by all members of the board.

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

ENDORSEMENT/GUARANTEE PROVIDED FOR THE YEAR ENDED DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

		Counter-pa	irty		Maximum		Ratio of Value Accumulated	Maximum
	Endorsement/		Nature of Relationship	Limits on Each Counter-party s Endorsement/		Ending (Balance H	of Amount of Collateral to Property, Net Equity Plant of the Latest Finopocial	Collateral/
No.	Guarantee Provider	Name	(Note 2)	Guarantee Amounts	(US\$ in Thousand)	(US\$ in Thousand)E	and Financial quipmenStatement	(Note 1)
				Not exceed 10% of the net worth				
0	TSMC	TSMC Development	3	of TSMC, and also limiting to the	\$ 6,795,600 (US\$200,000)	\$ 2,038,680 (US\$60,000		\$ 82,303,577
		TSMC North America	u 2	total paid-in capital of the endorsement/guaranteecompany,	(US\$200,000) 1,359,120 (US\$40,000)	1,359,120 (US\$40,000	0.41%	
		WaferTech	3	unless otherwise approved by Board of Directors.	14,950,320 (US\$440,000)	14,950,320 (US\$440,000		

Note 1: 25% of the net worth of TSMC as of December 31, 2003.

Note 2: The No. 2 represents a subsidiary in which TSMC holds directly over 50% of the equity interest.

The No. 3 represents an investee in which TSMC holds directly and indirectly over 50% of the equity interest.

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TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

MARKETABLE SECURITIES HELD

DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

					December	December 31, 2003				
					Carrying Value		Market Value or Net Asset Value			
Held Company Name	e Marketable Securities Type and Name	•	Financial Statement Account	Shares/Units (In Thousand)	(US\$ in Thousand)	Percentage of Ownership	(US\$ in Thousand)	Note		
ISMC	Government bonds									
SWIC	2002 Government Bond Series A		Short-term investment		\$ 3,157,331	N/A	\$ 3,169,046			
	2002 Government Bond Series A 2002 Government Bond Series E		Short-term investment		3,113,067		1 .,,.			
	1994 Government Bond Series C		Short-term investment		1,422,197					
	Bonds with Repurchase Agreement		Short-term investment		1,800,000	N/A	1,802,572			
	Money market funds BOA Funds		OL	40.000	1 250 120	N/A	1 250 120			
	BOA Funds		Short-term investment	40,000	1,359,120					
	~~~ · · · · · · · · · · · · · · · · · ·		~	20,000	(US\$ 40,000)		(US\$ 40,000)			
	GS Funds		Short-term investment	20,000	,		,			
					(US\$ 20,000)		(US\$ 20,000)			
	Bond funds		~	24.242	500.000	NT/A	502 401			
	JF Taiwan Bond Fund		Short-term investment	- ,	500,000		,			
	ABN AMRO Bond Fund		Short-term investment	34,794	500,000	N/A	503,490			
	Stock			7.004	27.744	-	100.077	_		
	Taiwan Mask Corp.		Short-term investment	7,094	27,744		- )			
	TSMC North America	Subsidiary	Long-term investment	11,000	417,858	100		stock of NT\$ 715,153 thousand is deducted from the carrying value.		
	TSMC Europe		Long-term investment		24,622	100	24,622			
		Subsidiary	Long-term investment		,					
			Long-term investment	787,016	4,077,198	28	10,465,676	,		
	TSMC International		Long-term investment		22,654,743					
			Long-term investment	300	4,116,934					
	SSMC		Long-term investment	382	2,759,376	32				
	Emerging Alliance	Subsidiary	Long-term investment		704,744	99				
	6 6		Long-term investment	39,040	368,434					
			Long-term investment	5,100	50,231		,			
	United Gas Co., Ltd.		Long-term investment	16,783	193,584		,			
4	Shin-Etsu Handotai Taiwan Co., Ltd.		Long-term investment	10,500	105,000					

W.K. Technology Fund IV	Long-term investment	5,000	50,000	2	57,051
Hon Tung Ventures Capital	Long-term investment	8,392	83,916	10	66,447

# (Continued)

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	December 31, 2003							
					Carrying Value		Market Value or Net Asset Value	
l	Marketable Securities	Relationship with the		Shares/Units	(US\$ in	Percentage of	(US\$ in	
eld Company Name	Type and Name	Company	Financial Statement Account	(In Thousand)	Thousand)	Ownership	Thousand)	Note
	Certificate							
	Chi Cherng	Investee	Long-term investment		\$ 42,941	36	\$ 501,505	Treasury stock of NT\$458,564 thousand is deducted from the carrying value.
	Hsin Ruey	Investee	Long-term investment		42,006	36	501,517	
	Equity				10.047	- 7/ 4	10.047	
	Crimson Asia Capital		Long-term investment	N/A	40,947	N/A	40,947	
SMC North America	Horizon Ventures Stock		Long-term investment	N/A	229,669	N/A	229,669	
SIVIC INDITITY INCLOSE	TSMC	Parent company	Long-term investment	13,101	715,153		822,491	
ni Cherng	Stock	Fatent company	Long-term myestmen.	10,10-	110,100			
II Chung	TSMC	Parent company	Short-term investment	13,735	458,564		862,340	
	Certificate	1 utone congrany	bilere termi in comme				,-	
	Hsin Ruey	Major shareholder	Long-term investment		902,033	64	902,033	
	Stock	.,						
	TSMC	Parent company	Short-term investment	13,761	459,511		863,957	
	Certificate							
	Chi Cherng	Major shareholder	Long-term investment		902,909	64	902,909	
SMC International	Stock							
	InveStar	Subsidiary	Long-term investment	45,000			US\$ 46,403	
	InveStar II	Subsidiary	Long-term investment	51,300			US\$ 36,901	
	TSMC Development	Subsidiary	Long-term investment		US\$ 537,716		US\$ 537,716	
	TSMC Technology	Subsidiary	Long-term investment	1	(US\$ 7,918)	100	(US\$ 7,918)	)
	3DFX Interactive Inc.		Long-term investment	68				
	Money market fund		<b>a</b> 1	20.200		27/1	1100 0000	
	BOA Fund		Short-term investment	30,300	US\$ 30,300	N/A	US\$ 30,300	
1	Stock	0.1.11	<b>T</b> , <b>1</b> , , ,		1100 241 072	00	1100 241 072	
		Subsidiary	Long-term investment		US\$ 341,972	99	US\$ 341,972	
	Stock PLX Technology, Inc.		Short-term investment	02	US\$ 180		US\$ 786	
	RichTek Technology Corp.		Short-term investment		US\$ 180 US\$ 121	2	US\$ 780 US\$ 5,799	
	Programmable Microelectronics		Short-term investment	947	030 121	2	034 3,799	
	riogrammable interoclectionics							
	(Taiwan), Inc.		Long-term investment	575	US\$ 203	2	US\$ 203	
	Global Testing Corp.		Long-term investment	13,268			US\$ 5,295	
	Giobar resung corp.		Long term investment	15,200	- 3,29J	10	5,295	

(Continued)

					Decembe	r 31, 2003	\$		
				Carrying Value			Market Value or Net Asset Va	alue	
		Relationship with		Shares/Units	(US\$ in	Percentage of	(US\$ in		
Held Company Name	Marketable Securities Type and Name	the Company	Financial Statement Account	(In Thousand)	Thousand)	0	Thousand	l) No	
	Chipstrate Technologies, Inc.		Long-term investment	6,660	US\$ 308	9	US\$ 30	8	
	Capella Microsystems, Inc.		Long-term investment	,	US\$ 156	· · · · · ·	US\$ 15		
	Signia Technologies, Inc.		Long-term investment		US\$ 206	4	US\$ 20		
	Advanced Power Electronics Corp.		Long-term investment		US\$ 1,376		US\$ 1,37		
	RichTek Technology Corp.		Long-term investment		US\$ 1,370 US\$ 204		US\$ 10,23		
	Preferred stock		Long-term investment	1,0/1	030 204		030 10,25	5	
	Integrated Memory Logic, Inc.		Long-term investment	1.831	US\$ 1,221	12	US\$ 1,22	1	
	SiRF Technology Holdings, Inc.		Long-term investment		US\$ 1,333		US\$ 1,33		
	Sensory, Inc.		Long-term investment		US\$ 312		US\$ 31		
	LightSpeed Semiconductor Corporation		Long-term investment		US\$ 329		US\$ 32		
					US\$ 1,916		US\$ 1,91		
	Tropian, Inc.		Long-term investment						
	Sonics, Inc.		Long-term investment		US\$ 3,530	5	US\$ 3,53		
	Atheros Communications, Inc.		Long-term investment		US\$ 3,593	2	US\$ 3,59		
	NanoAmp Solutions, Inc.		Long-term investment		US\$ 853		US\$ 85		
	Monolithic Power Systems, Inc.		Long-term investment		US\$ 2,000		US\$ 2,00		
	Memsic, Inc.		Long-term investment		US\$ 1,500		US\$ 1,50		
	Reflectivity, Inc.		Long-term investment		US\$ 1,192		US\$ 1,19		
	Match Lab, Inc.		Long-term investment		US\$ 375		US\$ 37		
	Oridus, Inc. (Creosys, Inc.)		Long-term investment		US\$ 300		US\$ 30		
	Incentia Design Systems, Inc.		Long-term investment	286	US\$ 92	2	US\$ 9	2	
	IP Unity		Long-term investment	1,008	US\$ 494	2	US\$ 49	4	
InveStar II	Stock								
	WatchGuard Technologies, Inc.		Short-term investment	5	US\$ 30		US\$ 3	0	
	RickTek Technology Corp		Short-term investment	465	US\$ 346	1	US\$ 2,84	8	
	eChannel Option Holding, Inc.		Long-term investment	358	US\$ 251		US\$ 25		
	Elcos Microdisplay Technology, Ltd.		Long-term investment		US\$ 27			7	
	Signia Technologies, Inc.		Long-term investment		US\$ 101		US\$ 10		
	Procoat Technology		Long-term investment		US\$ 1,940		US\$ 1,94		
	Programmable Microelectronics		Long term investment	1,105	050 1,910	10	000 1,91	0	
	(Taiwan), Inc.		Long-term investment	177	US\$ 50	1	US\$ 83	1	
	Auden Technology MFG Co., Ltd.		Long-term investment		US\$ 834		US\$ 1,15		
	GeoVision, Inc.		Long-term investment		US\$ 132		US\$ 1,15		
			Long-term investment		US\$ 132 US\$ 3.048		US\$ 3,04		
	EoNex Technologies, Inc.						. ,		
	Conwise Technology Co., Ltd.		Long-term investment		US\$ 979		US\$ 97		
	Eon Technology, Inc.		Long-term investment		US\$ 965		US\$ 96		
	Goyatek Technology, Inc.		Long-term investment	2,088			US\$ 72		
	TrendChip Technologies Corp.		Long-term investment	2,000			US\$ 86		
	Ralink Technologies, Inc.		Long-term investment		US\$ 791		US\$ 79		
	RickTek Technology Corp		Long-term investment	785	US\$ 583	2	US\$ 4,80	4	
	Preferred stock		Town town ' to i	410	1100 100	2	1100 10	2	
	Capella Microsystems, Inc.		Long-term investment		US\$ 122		US\$ 12		
	Memsic, Inc.		Long-term investment		US\$ 1,560		US\$ 1,56		
	Oepic, Inc.		Long-term investment	4,997	US\$ 1,317	8	US\$ 1,31	7	

(Continued)

# December 31, 2003

Held Company Name	Marketable Securities Type and Name	Relationship with the Company	Financial Statement Account	Shares/Units (In Thousand)	l) Thousand)			Net A (U	et Value o sset Valu JS\$ in ousand)	ie
	NanoAmp Solutions, Inc.		Long-term investment	250	US\$	1,000	1	US\$	1,000	
	Advanced Analogic Technology, Inc.		Long-term investment	948	US\$	1,261	2	US\$	1,261	
	Monolithic Power Systems, Inc.		Long-term investment	804	US\$	1,946	4	US\$	1,946	
	Sonics, Inc.		Long-term investment	3,082	US\$	3,082	5	US\$	3,082	
	Newport Opticom, Inc.		Long-term investment	1,157	US\$	402	9	US\$	402	
	Silicon Data, Inc.		Long-term investment	2,000	US\$	750	7	US\$	750	
	Reflectivity, Inc.		Long-term investment	1,596	US\$	1,500	6	US\$	1,500	
	Angstron Systems, Inc.		Long-term investment	1,567	US\$	500	6	US\$	500	
	Tropian, Inc.		Long-term investment	1,464		1,595	2	US\$	,	
	SiRF Technology, Inc.		Long-term investment		US\$	131		US\$		
	LeadTONE Wireless, Inc.		Long-term investment		US\$	131		US\$		
	Match Lab, Inc.		Long-term investment		US\$	63		US\$		
	Kilopass Technology, Inc.		Long-term investment	3,887		2,000		US\$	,	
	Fang Tek, Inc.		Long-term investment	5,556		2,000	44	US\$	,	
	Alchip Technologies Ltd.		Long-term investment	2,125		1,700		US\$	,	
	Elcos Microdisplay Technology, Ltd.		Long-term investment	2,667	US\$	3,500		US\$	3,500	
Emerging Alliance	Stock	-								
	Global Investment Holding, Inc.	Investee	Long-term investment	10,000	\$	100,000	6	\$	100,000	
	Preferred stock		<b>.</b>	167	TICO	224		TICO	22.4	
	Quake Technologies, Inc.		Long-term investment		US\$	334		US\$		
	Pixim, Inc.		Long-term investment	1,721		2,382		US\$	,	
	Newport Opticom, Inc.		Long-term investment		US\$	250		US\$		
	NetLogic Microsystems, Inc. Ikanos Communication, Inc.		Long-term investment	5.116	US\$	1,850 1,625		US\$	,	
	Quicksilver Technology, Inc.		Long-term investment	-, -	US\$	2,488		US\$ US\$	,	
	Mosaic Systems, Inc.		Long-term investment	2,481		2,488		US\$	,	
	Accelerant Networks, Inc.		Long-term investment		US\$	460		US\$		
	Zenesis Technologies, Inc.		Long-term investment		US\$	500		US\$		
	Reflectivity, Inc.		Long-term investment	1,596		1,500		US\$		
	Iridigm Display, Co.		Long-term investment	,	US\$	500		US\$	,	
	XHP Microsystems, Inc.		Long-term investment	2,280		750		US\$		
	Axiom Microdevices, Inc.		Long-term investment	1,000		1,000		US\$		
	Optichron, Inc.		Long-term investment	,	US\$	1,000		US\$	,	
	Audience, Inc.		Long-term investment	1,654		250		US\$	,	
	Next IO, Inc.		Long-term investment	,	US\$	500		US\$		
	NuCORE Technology Inc.		Long-term investment	1,821		1.000		US\$		
GUC	Bond funds			,						
	Entrust KIRIN		Short-term investment	2,106		22,324			22,334	
	Entrust Phoenix		Short-term investment	1,399		20,207			20,216	
	TISC		Short-term investment	2,210		30,000			30,012	
	Ta-Hua		Short-term investment	2,412		30,003			30,013	
	E. Sun New Era		Short-term investment	962		10,000			10,004	
	Shenghua 1699		Short-term investment	1,009		12,000			11,995	

(Continued)

					December	31, 2003		
	Marketable Securities	Relationship with	Financial Statement	Ca Shares/Units		arket Value Net Asset Value (US\$ in	or	
Held Company Name	Type and Name	the Company	Account	(In Thousand)	Thousand)	Ownership	Thousand)	Note
	Jihsun		Short-term investment	764	\$ 10,000		\$ 10,157	
	Shenghua 5599		Short-term investment	931	\$ 10,000 10,000		\$ 10,137 10,004	
	Mega Diamond		Short-term investment	2,734	30,105		30,118	
	Polar		Short-term investment	1,968	20,060		20,068	
	Ta-Hua GC Dollar		Short-term investment	38	13,691		13,732	
	Taiwan Security Overseas Fund		Short-term investment	22	102,694		103,190	

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# TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

# 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, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

1				Beginning Balance		Acquisition			Ene			
rketable curities ype and Name	Financial Statement Account	Counter- Party	Nature of Relationship	Shares/Units (Thousand)	· ·	Shares/Units (Thousand)	Amount (US\$ in Thousand)	Shares/Units (Thousand)	Amount (US\$ in Thousand)	Carrying Value (US\$ in Thousand)	Gain (Loss) on Disposal (US\$ in Thousand)	Shares/( (Thousa
ey market s												
Fund	Short-term investment	BOA			\$	120,000	\$4,161,760 (US\$120,000)	80,000	\$2,785,760	) \$2,785,760 (US\$80,000)	\$	40
fund	Short-term investment	Goldman Sachs				140,000		120,000	4,165,140			20
l funds aiwan	Short-term	JF Asset					(039140,000)			(U3\$120,000)		
l Fund I AMRO	investment Short-term	Management (Taiwan) Ltd. ABN AMRO				34,343	500,000					34
l Fund I AMRO et Bond	investment Short-term investment	ABN AMRO				97,782	1,400,000	62,988	902,881	900,000	2,881	. 34
ernment	mvestitett					81,744	879,000	81,744	881,719	879,000	2,719	
s ls with irchase ement	Short-term investment	Several financial institutions					1,800,000					
ernment I Series A	Short-term investment	BNP and					1,000,000					
ernment	Short-term investment	institutions BNP and					3,157,331					
l Series E		financial institutions					3,113,067					
ernment I Series C	Short-term investment	Chung Shing Bills Finance Corp. and several financial institutions					1,422,197					
ĸ							-,,-					
rging nce	Long-term investment	Emerging Alliance	Subsidiary		767,239		174,030					

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	Long-term investment	VIS	Investee	677,471	3,264,657	109,545	766,815					787
or nology	Long-term investment			505	280,748		,	505	301,209	280,748	20,461	
olithic	Long-term investment			470	104,289			470	152,681	104,289	48,392	
C	Short-term investment			762	US\$7,357			823	US\$8,407	US\$7,357	US\$1,050	
erred stock								(Note2)				
s	Long-term investment	Elcos Microdisplay Technology, Ltd.				2,667	US\$3,500					2
ey market												
Fund	Short-term investment	BOA				87,300	US\$87,300	57,000	US\$57,000	US\$57,000		30
l funds												
van rities rseas Fund	Short-term investment					22	102,694					

Note 1: The ending balance included the recognition of the investment income (loss) by the equity method, the cumulative translation adjustments and unrealized loss on long-term investments recognized in proportion to the Company s ownership percentage in investees.

Note 2: Including stock dividend of 61 thousand units.

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# TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

# ACQUISITION OF INDIVIDUAL REAL ESTATE AT COSTS OF AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL

## FOR THE YEAR ENDED DECEMBER 31, 2003

### (Amounts in Thousand New Taiwan Dollars)

		Prior Transaction of Related Counter-party									
pes of	r	Fransactior	1		Nature of			Transfer		Price	Purpo
perty	Transaction Date	Amount	Payment Term	Counter-party	Relationship	Owner	Relationship	Date	Amount	Reference	Acqui
14	January 20, 2003	\$ 180,665	By the construction progress	United Integrated Services	·	N/A	N/A	N/A	N/A	Public bidding	Manufa purpo
12	May 6, 2003	119,000	By the construction progress	United Integrated Services		N/A	N/A	N/A	N/A	Public bidding	Manufa purpo
12	June 17, 2003	134,500	By the construction progress	United Integrated Services		N/A	N/A	N/A	N/A	Public bidding	Manufa purpo
12	June 18, 2003	110,055	By the construction progress	Liquid Air Far East Co. Ltd.		N/A	N/A	N/A	N/A	Public bidding	Manufa purpo
12	December 2, 2003	230,000	By the construction progress	China Steel Structure Co.		N/A	N/A	N/A	N/A	Public bidding	Manufa purpo
12	December 2, 2003	285,000	By the construction progress	Fu Tsu Construction Co. Ltd		N/A	N/A	N/A	N/A	Public bidding	Manufa purpo

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# TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

# TOTAL PURCHASE FROM OR SALE TO RELATED PARTIES AMOUNTING TO AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL

## FOR THE YEAR ENDED DECEMBER 31, 2003

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

				Transaction Details					Note/Accounts Payable or Receivable		
Company Name	Related Party	Nature of Relationship	Purchase/ Sale	Amount	% to Total	Payment Terms	Unit Price	Payment Terms	Ending Balance	% to Total	Note
TSMC	TSMC North America	a Subsidiary	Sales	\$ 117,758,911	57	Net 30 days from invoice date	None	None	\$ 13,946,638	48	
	Philips and its					-					
	affiliates	Major shareholder	Sales	3,577,054	2	Net 30 days from invoice date	None	None	895,063	3	
	GUC	Investee	Sales	549,471		30 days after monthly closing	None	None	15,339		
	WaferTech	Subsidiary	Purchases	11,433,083	36	Net 30 days from invoice date	None	None	1,184,642	11	
	SSMC	Investee	Purchases	5,519,805	17	Net 30 days from invoice date	None	None	634,647	6	
	VIS	Investee	Purchases	4,910,810	15	Net 30 days from invoice date	None	None	1,034,074	10	

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# TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

# RECEIVABLES FROM RELATED PARTIES AMOUNTING TO AT LEAST NT\$100 MILLION OR 20% OF THE PAID-IN CAPITAL

# **DECEMBER 31, 2003**

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

					Ending Turnovon		Overdue		Amounts Received in	Allowance
Company Name	Related Party	Nature of Relationship	Ending Balance	Turnover Rate	Amount	Action Taken	Subsequent Period	for Bad Debts		
TSMC	TSMC North									
	America	Subsidiary	\$ 13,946,638	37 days	\$ 3,907,505		\$ 4,831,330	\$		
	Philips and its affiliates	Major shareholder	895,063	64 days	97,618	Accelerate demand on account receivables	40			

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# TAIWAN SEMICONDUCTOR MANUFACTURING COMPANY LTD. AND AFFILIATES

# NAMES, LOCATIONS, AND RELATED INFORMATION OF INVESTEES ON WHICH THE COMPANY EXERCISES SIGNIFICANT INFLUENCE

### **DECEMBER 31, 2003**

(Amounts in Thousand New Taiwan Dollars, Unless Otherwise Specified)

				-	Investment ount	Balance a	s of Decembe	er 31, 2003	Net	Investment	
Investor Company	Investee Company	Location	Main Businesses and Products	December 31 2003	,December 31, 2002	Shares (Thousand)	Percentage of Ownership	Carrying Value (Note 1)	Income (Loss) of the Investee	Gain (Loss) (Note 2)	Note
TSMC	TSMC North America	San Jose, California, U.S.A.	Marketing and engineering support	\$ 333,178	\$ 333,178	11,000	100	\$ 417,858	\$ 234,639	\$ 227,061	Subsidiary
	TSMC Europe	e Amsterdam, The Netherlands	Marketing and engineering support	15,749	2,960		100	24,622	(13)	(13)	Subsidiary
	TSMC Japan		Marketing and engineering support	83,760		6		101,722	2,451	. ,	Subsidiary
	TSMC Shanghai	Shanghai, China	IC and other wafer equipment manufacturing and marketing	1,890,952		0	100	1,901,428	(1,306)		Subsidiary
	VIS	Hsin-Chu, Taiwan	IC design and manufacturing	8,119,816		787,016	28	4,077,198	179,359		Investee
	TSMC International	Tortola, British Virgin Islands	Investment	31,445,780		987,968	100	22,654,743	876,814	876 814	Subsidiary
	Chi Cherng	Taipei, Taiwan	Investment	300,000		,	36	42,941	(840)		Investee
	Hsin Ruey	Taipei, Taiwan	Investment	300,000	300,000		36	42,006	(1,290)	1,252	Investee
	TSMC Partners	Tortola, British Virgin	<b>T</b>	10.250	10.250	200	100	4 116 024	100 401	107 204	0.1.11
	SSMC	Islands Singapore	Investment Wafer manufacturing	10,350 6,408,190		300 382	100 32	4,116,934	199,401 (971,314)		Subsidiary
	Emerging Alliance GUC	Cayman Islands Hsin-Chu, Taiwan	Investment IC research, development, manufacturing,	1,179,690		562	99	704,744	(219,190)		Subsidiary
			testing and marketing	409,920	341,250 (Note 3)	39,040	47	368,434	(88,517)	(33,005)	Investee
	VisEra			51,000		5,100	25	50,231	(3,076)	(769)	Investee

Hsin-Chu, Electronic Taiwan spare parts manufacturing, material wholesaling and retailing

Note 1: The treasury stock is deducted from the carrying value.

Note 2: The unrealized gain or loss and the gain or loss on disposal of the stocks held by subsidiaries are excluded.

Note 3: TSMC s investee, Ya Xin Technology, Inc., merged with GUC in January 2003. GUC is the surviving company.

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