

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD  
Form 6-K  
January 30, 2004

1934 Act Registration No. 1-14700

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# SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

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## FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16 OF  
THE SECURITIES EXCHANGE ACT OF 1934

For the month of January 2004

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# Taiwan Semiconductor Manufacturing Company Ltd.

(Translation of Registrant's Name Into English)

No. 8, Li-Hsin Rd. 6,

Science-Based Industrial Park,

Hsin-Chu, Taiwan

(Address of Principal Executive Offices)

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

(Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.) Yes  No

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

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**SIGNATURES**

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

Taiwan Semiconductor Manufacturing Company Ltd.

Date: January 29, 2004

By: /s/ Lora Ho

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Lora Ho  
Vice President & Chief Financial Officer

**Taiwan Semiconductor Reports 5% Increase in  
Sequential EPS Driven by 5% Higher Revenue**

Hsin-Chu, Taiwan, R.O.C., January 29, 2004 Taiwan Semiconductor Manufacturing Company, Ltd. today announced revenues of NT\$57.78 billion, net income of NT\$16 billion and fully diluted earnings per share of NT\$0.79 (US\$0.12 per ADS unit) for the fourth quarter ended December 31, 2003. For the full year of 2003, TSMC's revenue was NT\$201.9 billion, 25% higher than in year 2002. Net income for the entire year grew 119% to NT\$47.3 billion, while fully diluted earnings per share jumped 122% to NT\$2.33 (US\$0.34 per ADS unit).

On a sequential basis, fourth quarter results represent a 5.3% increase in revenue, a 5.5% increase in net income and a 5.2% increase in fully diluted EPS. All figures were prepared in accordance with R.O.C. GAAP on an unconsolidated basis.

The increase in fourth quarter revenue resulted from a 13.5% increase in wafer shipments, a 5.5% decline in wafer average selling price (ASP), and a weaker U.S. dollar exchange rate. Gross Margin for the quarter improved slightly to 39.3% from 39.1% in the previous quarter due to higher utilization levels. Net Margin for the quarter was 27.7% as compared to 27.6% previously.

Lora Ho, vice president and chief financial officer, said the Company's key financial indicators cash flow, liquidity, and debt coverage remained healthy.

Fourth quarter's results brought TSMC's revenues for both the quarter and the full year to new records. We are proud to be among the very few industry leaders whose 2003 top-line performance has surpassed levels achieved in the past, said Ho. We expect the performance of the coming quarter to be at least as good as that of the fourth quarter.

Ho also confirmed that key industry drivers such as outsourcing, capital efficiency requirements, and the increased complexity of advanced integrated circuits continue to favor TSMC.

Ho said that, based upon the current business outlook, management's expectations for first quarter 2004 performance are:

Wafer shipments to increase by a low single digit percentage point sequentially;

ASP to decline slightly, but magnitude is less than that of the previous quarter;

Overall utilization rate to be about 100 percent or slightly higher;

Gross profit margin percentage to remain essentially unchanged sequentially;

Demand to improve in the communications segment, remain flat for consumer segment, but experience seasonal decline in the computer segment.

Ho said management also expects 2004 capital expenditure to be about US\$2 billion.

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Taiwan Semiconductor Manufacturing Company

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***Conference Call & Webcast Notice:***

TSMC's quarterly review conference call will be held at 8 A.M. Eastern Time (9 P.M. Taiwan Time) on Thursday, January 29, 2004. The conference call will also be webcast live on the Internet. Investors wishing to access the live webcast should visit TSMC's web site at <http://www.tsmc.com> at least 15 minutes prior to the broadcast. Instructions will be provided on the website to facilitate the download and installation of necessary audio applications. Investors without Internet access may listen to the conference call, in listen only mode, by dialing 1-303-262-2075 in the U.S. and 852-3009-3050 in other locations (Password: TSMC). An archived version of the webcast will be available on the TSMC web site for six months following the Company's quarterly review conference call and webcast.

***Profile***

TSMC (TAIEX: 2330, NYSE: TSM) is the world's largest dedicated semiconductor foundry, providing the industry's leading manufacturing capacity, process technology, library and IP options, and other leading-edge foundry services. TSMC currently operates one twelve-inch wafer fab, five eight-inch wafer fabs and one six-inch fab. The Company also has substantial capacity commitments at a wholly owned U.S. subsidiary (WaferTech) and a joint-venture fab (SSMC). TSMC's 300mm wafer fab (Fab 12), the first of its kind in Taiwan, commenced commercial production in January 2002. TSMC's corporate headquarters are in Hsin-Chu, Taiwan. More information about TSMC is available through the World Wide Web at <http://www.tsmc.com>.

***Safe Harbor Notice:***

The statements included in this press release that are not historical in nature are forward-looking statements within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. TSMC cautions readers that forward-looking statements are subject to significant risks and uncertainties and are based on TSMC's current expectations. Actual results may differ materially from those contained in such forward-looking statements for a variety of reasons including, among others, risks associated with cyclical and market conditions in the semiconductor industry; demand and supply for TSMC's foundry manufacturing capacity in particular and for foundry manufacturing capacity in general; intense competition; the failure of one or more significant customers to continue to place the same level of orders with us; TSMC's ability to remain a technological leader in the semiconductor industry; TSMC's ability to manage its capacity; TSMC's ability to obtain, preserve and defend its intellectual property rights; natural disasters and other unexpected events which may disrupt production; and exchange rate fluctuations. Additional information as to these and other risk factors that may cause TSMC's actual results to differ materially from TSMC's forward-looking statements may be found in TSMC's Annual Report on Form 20-F, filed with the United States Securities and Exchange Commission (the SEC) on June 23, 2003, TSMC's registration statement on Form F-3, filed with the SEC on October 21, 2003, and such other documents as TSMC may file with, or submit to, the SEC from time to time. Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events, or otherwise.

**CONTACT IN TAIWAN**

**Elizabeth Sun / Julie Chan / Eric Chiang**

Investor Relations Division

TSMC

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886-3-568- 2080/ 2085/ 2087

**Corporate Headquarters:**

Taiwan Semiconductor Manufacturing Company, Ltd.

Fab 12

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Hsin-Chu 300,

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<http://www.tsmc.com>

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(Management Report and Tables Follow)

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**Taiwan Semiconductor Manufacturing Company**

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**FOR IMMEDIATE RELEASE**

**4Q03**  
**Quarterly Management Report**  
**January 29, 2004**

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**Topics in This Report**

**Revenue Analysis**

**Utilization & Capacity**

**Profit & Expense Analysis**

**Financial Condition Review**

**Cash Flow & CapEx**

**Recap of Recent Important Events & Announcements**

**Operating Results Review:**

**Summary:**

	<u>4Q03</u>	<u>3Q03</u>	<u>4Q02</u>	<u>QoQ</u>	<u>YoY</u>
<i>(Amount in NT \$ Bn except noted otherwise)</i>					
EPS (NT\$ per com. shr.)	0.79	0.75	0.12	5%	554%



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(US\$ per ADR unit)	0.12	0.11	0.02		
Net Sales	57.78	54.88	41.15	5%	40%
Gross Profit	22.71	21.45	10.68	6%	113%
Operating Expense	(6.08)	(4.96)	(5.03)	23%	21%
Non-Operating Items	0.94	0.22	(2.57)	332%	n.a.
Net Income	16.00	15.17	2.55	5%	527%
Wafers Shipped (kpcs 8 -equiv.)	1127	992	682	14%	65%
Capacity Utilization	101%	98%	66%		

**Remarks:**

**EPS of NT\$0.79 for 4Q03 presents a 5.2% increase compared with 3Q03. The operating results of 4Q03 are summarized below:**

**Net sales grew 5.3% sequentially to NT\$57.8 billion, resulting largely from a 13.5% increase in wafer shipments, a 5.5% decrease in wafer ASP, and a slightly unfavorable foreign exchange.**

**Gross profit rose 5.9% sequentially to NT\$22.7 billion mainly driven by higher capacity utilization, as gross margin improved to 39.3% from 39.1% in 3Q03.**

**Operating expenses of NT\$6.1 billion increased 22.6% sequentially. Higher research and development expenditures were the main reason behind the increase.**

**Net gain from non-operating items amounted to NT\$943 million. This represents a NT\$722 million improvement on a sequential basis; mainly reflecting improved operating performance by TSMC subsidiary/affiliates as well as capital gains from the disposal of venture capital equity investments.**

**Income before tax rose 5.1% sequentially to NT\$17.6 billion. After NT\$1.6 billion net tax expense, TSMC's 4Q03 net income increased 5.5% to NT\$16.0 billion while net margin improved slightly to 27.7%.**

## Taiwan Semiconductor Manufacturing Company, Ltd.

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## I. Revenue Analysis

## I I. Wafer Sales Analysis

<u>By Application</u>	<u>4Q03</u>	<u>3Q03</u>	<u>4Q02</u>
Computer	35%	36%	39%
Communication	42%	36%	35%
Consumer	17%	21%	18%
Industrial/Others	4%	5%	5%
Memory	2%	2%	3%

<u>By Technology</u>	<u>4Q03</u>	<u>3Q03</u>	<u>4Q02</u>
0.13um-	18%	19%	8%
0.15um	17%	20%	24%
0.18um	28%	27%	21%
0.25um	20%	19%	25%
0.35um	10%	8%	11%
0.50um+	7%	7%	11%

<u>By Customer Type</u>	<u>4Q03</u>	<u>3Q03</u>	<u>4Q02</u>
Fabless	71%	73%	68%
IDM	29%	26%	31%
System	0%	1%	1%

<u>By Geography</u>	<u>4Q03</u>	<u>3Q03</u>	<u>4Q02</u>
North America	75%	76%	76%
Asia Pacific	12%	11%	14%
Europe	5%	5%	5%
Japan	8%	8%	5%

*Revenue Analysis:*

Net sales of NT\$57.8 billion was 5.3% higher than the NT\$54.9 billion recorded in 3Q03. The growth in TSMC wafer sales was attributable to 13.5% higher wafer shipments, and was offset partially by 5.5% lower average selling price in U.S. dollar terms and a stronger NT dollar.

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Communication applications, especially wireless, were the principal revenue drivers in the quarter. The decrease in demand for Computer and Consumer applications resulted from the seasonality of these applications.

Demand from mature technologies strengthened in 4Q03. Revenue from advanced technology wafers decreased from 66% to 63% of the Company's total wafer sales in the quarter.

Revenue from the IDM segment strengthened to 29% of net sales during the quarter versus 26% in 3Q03.

On a geographical basis, the revenue mix changed little from the previous period.

Revenue contributed by TSMC subsidiary/affiliates amounted to 12% (NT\$7.2 billion) of net sales during the quarter versus 11% (NT\$5.8 billion) in 3Q03.

### ***ASP Trend:***

Average selling price in U.S. dollars declined 5.5% versus 3Q03. This was mainly due to a product mix shift in favor of mature technologies as well as a competitive pricing environment in 4Q03.

**Taiwan Semiconductor Manufacturing Company, Ltd.**

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**II. Utilization & Capacity****Utilization Rate:**

Overall capacity utilization improved to 101% in the latest quarter from 98% in the third quarter. This increase reflected the sequential business improvement experienced in the fourth quarter.

**II 2. Capacity**

Fab/(Wafer size)	4Q03 (Act.)	2003 (Act.)	1Q04 (Est.)
Fab-2 (6 <sup>1</sup> )	227	872	216
Fab-3 (8 )	213	810	208
Fab-5 (8 )	112	436	105
Fab-6 (8 )	183	679	187
Fab-7 (8 )	35	201	53
Fab-8 (8 )	189	698	180
Fab-12 (12 <sup>2</sup> )	40	108	43
<b>TSMC owned capacity 8 -equivalent Kpcs</b>	<b>949</b>	<b>3,556</b>	<b>950</b>
Wafer Tech (8 )	89	353	88
SSMC (8 )	29	105	30
<b>Total TSMC Managed, 8 -equivalent Kpcs</b>	<b>1,067</b>	<b>4,014</b>	<b>1,067</b>

Note: <sup>1</sup> Figures represent number of 6 wafers

<sup>2</sup> Figures represent number of 12 wafers

<sup>3</sup> Conversion to 8 -equivalent wafers: division by 1.78 for 6 wafers and multiplication by 2.25 for 12 wafers.

**Capacity:**

Total TSMC managed capacity in 4Q03 was 1,067k in terms of 8-inch equivalent wafers, representing 5.4% sequential capacity growth.

While the majority of TSMC fabs will conduct annual maintenance in 1Q04, TSMC managed capacity is expected to remain flat from the previous quarter, at 1,067kpcs in terms of 8-inch equivalent wafers.

Annual Maintenance Schedule

<u>Month</u>	<u>Fab</u>
December, 2003	Fab 12
January, 2004	Fab 5
February, 2004	Fab 8
March, 2004	Fab 2
April, 2004	Fab 3 and 7

Overall installed capacity for year 2004 is expected to reach beyond 4.6 million 8-inch equivalent wafers, representing a 15% year-on-year growth, while capacity in its 12-inch wafer fabs will increase by about 130%.

## Taiwan Semiconductor Manufacturing Company, Ltd.

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## III. Profit &amp; Expense Analysis

## III 1. Gross Profit Analysis

	<u>4Q03</u>	<u>3Q03</u>	<u>4Q02</u>	<u>QoQ</u>	<u>YoY</u>
(Amount: NT\$ Billion)					
<b>COGS</b>	<b>35.1</b>	<b>33.4</b>	<b>30.5</b>	5%	15%
Depreciation	13.9	14.0	13.3	-1%	8%
Other MFG Cost	21.2	19.4	17.2	9%	31%
<b>Gross Profit</b>	<b>22.7</b>	<b>21.4</b>	<b>10.7</b>	6%	113%
<b>Gross Margin</b>					
TSMC	39%	39%	26%		
TSMC w/o affiliates	44%	43%	28%		

*Gross Profit Analysis:*

Gross profit increased NT\$1.3 billion to NT\$22.7 billion. Gross margin improved slightly to 39.3% from 39.1% in 3Q03. The increase in gross margin was primarily due to the increase in capacity utilization.

Excluding wafers manufactured by TSMC affiliates, the gross margin from TSMC's manufacturing activities was 44%, up from 43% in the previous quarter.

## III 2. Operating Expense Analysis

	<u>4Q03</u>	<u>3Q03</u>	<u>4Q02</u>	<u>QoQ</u>	<u>YoY</u>
(Amount: NT\$ Billion)					
<b>Total Operating Exp.</b>	<b>6.09</b>	<b>4.96</b>	<b>5.03</b>	23%	21%
SG&A	2.03	1.89	1.49	7%	36%
Research & Development	4.06	3.07	3.54	32%	15%

*Operating Expenses:*

Operating expenses rose 23% sequentially. Selling, general and administrative expenses increased 7% due to business activity growth. Research and development expenditures increased 32% sequentially due to continued development activities in 0.11 um, 90 nm and 65nm technologies and in 12-inch wafer manufacturing processes.

**III 3. Non-Operating Items**

	<u>4Q03</u>	<u>3Q03</u>	<u>4Q02</u>
(Amount: NT\$ Million)			
<b>Non-Operating Income/(Exp.)</b>	<b>(193)</b>	<b>(141)</b>	<b>(411)</b>
Net Interest Income/(Exp.)	(139)	(168)	(301)
Other Non-Operating	(54)	27	(110)
<b>L-T Investments</b>	<b>1,135</b>	<b>361</b>	<b>2,162</b>
WaferTech*	549	289	(976)
SSMC	131	73	(159)
VIS	99	124	(248)
Miscellaneous	356	(125)	3,545

\* Operation results only; does not include amortization of impaired assets.

*Non-Operating Items:*

The combination of Non-operating Items improved from a gain of NT\$220 million in 3Q03 to a gain of NT\$943 million in 4Q03. Non-operating Expenses of NT\$193 million in the latest quarter was due to net interest expense and foreign exchange hedging costs. A long-term investment gain of NT\$1.1 billion resulted from general improvement of business operations at TSMC subsidiaries/affiliates, as well as gains realized from disposal of venture capital equity investments in the latest quarter.

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**IV. Financial Condition Review****IV 1. Liquidity Analysis**

	<u>4Q03</u>	<u>3Q03</u>	<u>4Q02</u>
<b>(Amount: NT\$ Billion)</b>			
Cash & S-T Investments	110.8	94.4	61.7
Accounts Receivable	25.8	25.0	16.4
Inventory	10.9	11.8	10.3
Total Current Assets	158.5	135.2	94.7
Accounts Payable	25.5	27.2	27.2
Total Current Liabilities	30.5	27.2	31.2
Current Ratio (x)	5.2	5.0	3.0
Net Working Capital	128.0	108.0	63.6

**Liquidity Analysis:**

Total current assets were NT\$23.3 billion higher on a sequential basis, mainly due to higher levels of cash and short-term investments. The Company's current ratio was 5.2x, slightly higher than the 5.0x in 3Q03.

Net working capital of NT\$128.0 billion was NT\$20.0 billion greater than that in the third quarter, reflecting stronger operating cash flows.

**Receivable/Inventory Days Trend:**

Turnover of receivables improved to the equivalent of 40 days revenue compared to 41 days experienced in the last quarter. The improvement was due to better management of collections during the quarter.

On a year-to-date basis, inventories amounted to an equivalent of 36 days of cost-of-goods-sold, representing a slight decrease from 38 days in the previous quarter.



**IV 3. Debt Service**

<b>(Amount: NT\$ Billion)</b>	<b>4Q03</b>	<b>3Q03</b>	<b>4Q02</b>
	<u>          </u>	<u>          </u>	<u>          </u>
Cash & S-T Investments	110.8	94.4	61.7
Interest-Bearing Debt	35.0	35.0	39.0
Net Cash Reserves	75.8	59.4	22.7

***Debt Service:***

Net cash reserves (the excess of cash and equivalents over interest-bearing debt) increased significantly by NT\$16.4 billion to NT\$75.8 billion in 4Q03, reflecting TSMC's consistently strong operating cash flow.

Interest-bearing debt remained unchanged at NT\$35.0 billion.

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## V. Cash Flow &amp; CapEx

## V 1. Cash Flow Analysis

	4Q03	3Q03	4Q02
	<u>          </u>	<u>          </u>	<u>          </u>
<b>(Amount: NT\$ Billion)</b>			
Net Income	16.0	15.2	2.6
Depreciation & Amortization	15.5	15.5	16.1
Other Op Sources/(Uses)	(0.0)	3.3	5.2
<b>Total Op Sources/(Uses)</b>	<b><u>31.5</u></b>	<b><u>33.9</u></b>	<b><u>23.9</u></b>
Capital Expenditure	(12.8)	(8.2)	(17.9)
Short Term Investment	(0.9)	(8.6)	0.0
<b>Net Investing Sources/(Uses)</b>	<b><u>(15.9)</u></b>	<b><u>(17.4)</u></b>	<b><u>(21.7)</u></b>
<b>Net Financing Sources/(Uses)</b>	<b><u>(0.1)</u></b>	<b><u>(0.4)</u></b>	<b><u>(5.1)</u></b>
<b>Net Cash Position Changes</b>	<b>15.6</b>	<b>16.2</b>	<b>(2.9)</b>

*Summary of Cash Flow:*

During 4Q03, TSMC generated NT\$31.5 billion operating cash inflow due mainly to higher net income.

Net cash used in investing activities totaled NT\$15.9 billion, including acquisitions of fixed assets in the amount of NT\$12.8 billion and increases in short-term investments of NT\$0.9 billion. Increases in short-term investments are mainly for purchasing government bonds. Net financing uses of NT\$0.1 billion reflect the return of guarantee deposits to a few customers.

TSMC ended the quarter with NT\$15.6 billion more cash and NT\$0.9 billion more short-term investments than the previous quarter. In total, cash & short-term investment increased by NT\$16.5 billion sequentially.

***Operating Cash Flow Trend:***

Operating cash flow of NT\$31.5 billion was 7% lower than in the previous quarter, largely due to a higher net income, essentially flat depreciation, and reclassification of NT\$5.0 billion corporate bond to short-term liabilities.

**V-3. Capital Commitment and Capacity Highlights**

Actual 2003 capital expenditure: US\$1.1 billion.

Estimated 2004 capital expenditure to be about US\$2 billion.

Estimated 2004 capacity (excluding VIS): to be around 4.6 million wafers at 8 -equivalent, 15% growth year over year.

***Capital Spending:***

TSMC's capital expenditures during the quarter totaled US\$373.0 million, 58% higher than in the previous quarter. Most of the spending was for capacity ramp-up in Fab 12. During 2003, capital expenditures totaled US\$1.1 billion.

TSMC remains fully committed to providing capacity that meets both the fabrication and technological needs of its customers. The Company intends, however, to manage capacity in accordance with the strength of actual and sustainable demand so as to meet its return objectives for shareholders.

Taiwan Semiconductor Manufacturing Company, Ltd.

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**VI. Recap of Recent Important Events & Announcements**

**TSMC R&D Team Receives 2003 Outstanding Scientific and Technological Worker Award from Executive Yuen of Republic of China (2003/12/22)**

**TSMC Filed Law Suit Against SMIC for Patent Infringement and Trade Secret Misappropriation (2003/12/19)**

**TSMC Reported the December 10 Earthquake Not Expected to Impact TSMC's December Wafer Output (2003/12/11)**

**TSMC Board of Directors Approved Plans to Expand 300mm Wafer and Advanced Technology Capacity (2003/12/02)**

**TSMC and OmniVision to Establish Joint Venture VisEra (2003/11/19)**

Please visit TSMC's Web site (<http://www.tsmc.com>) for details about these and other announcements.

**TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.****UNCONSOLIDATED BALANCE SHEET**

As of December 31, 2003 and 2002

(Figures in Millions of New Taiwan Dollars (NTD) and U.S. Dollars (USD)) <sup>(1)</sup>

	Dec. 31, 2003			Dec. 31, 2002		YoY	
	USD	NTD	%	NTD	%	Move	Inc(Dec)%
<b>ASSETS</b>							
Cash	2,893	98,288	24.8	61,657	16.7	36,631	59.4
Short Term Investment	370	12,559	3.2	0	0.0	12,559	
Accounts Receivable	759	25,776	6.5	16,446	4.4	9,330	56.7
Inventories	321	10,907	2.8	10,340	2.8	567	5.5
Other Current Assets	324	10,996	2.8	6,304	1.7	4,692	74.4
<b>Total Current Assets</b>	<b>4,666</b>	<b>158,526</b>	<b>40.0</b>	<b>94,747</b>	<b>25.6</b>	<b>63,779</b>	<b>67.3</b>
Long Term Investment	1,117	37,965	9.6	34,978	9.5	2,987	8.5
Fixed Assets	12,826	435,801	109.9	405,640	109.6	30,161	7.4
Less Accumulated Depreciation	(7,285)	(247,514)	(62.4)	(188,448)	(50.9)	(59,067)	31.3
<b>Net Fixed Assets</b>	<b>5,541</b>	<b>188,287</b>	<b>47.5</b>	<b>217,192</b>	<b>58.7</b>	<b>(28,906)</b>	<b>(13.3)</b>
Other Assets	343	11,638	2.9	23,097	6.2	(11,459)	(49.6)
<b>Total Assets</b>	<b>11,667</b>	<b>396,417</b>	<b>100.0</b>	<b>370,016</b>	<b>100.0</b>	<b>26,401</b>	<b>7.1</b>
<b>LIABILITIES</b>							
Accounts Payable & Accrued Liabilities	752	25,538	6.4	27,160	7.3	(1,622)	(6.0)
Current Portion of Bonds Payable	147	5,000	1.3	4,000	1.1	1,000	25.0
<b>Total Current Liabilities</b>	<b>899</b>	<b>30,538</b>	<b>7.7</b>	<b>31,160</b>	<b>8.4</b>	<b>(622)</b>	<b>(2.0)</b>
Bonds Payable	883	30,000	7.6	35,000	9.5	(5,000)	(14.3)
Other Long Term Liabilities	196	6,665	1.7	8,002	2.2	(1,338)	(16.7)
<b>Total Liabilities</b>	<b>1,978</b>	<b>67,203</b>	<b>17.0</b>	<b>74,162</b>	<b>20.0</b>	<b>(6,960)</b>	<b>(9.4)</b>
<b>SHAREHOLDERS EQUITY</b>							
Capital Stock	5,965	202,666	51.1	199,229	53.8	3,437	1.7
Capital Surplus	1,673	56,856	14.3	57,005	15.4	(149)	(0.3)
Legal Reserve	612	20,802	5.2	18,641	5.0	2,161	11.6
Special Reserve	2	69	0.0	0	0.0	69	
Retained Earnings	1,478	50,229	12.7	22,151	6.0	28,078	126.8

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<b>-Previous Year</b>	<b>87</b>	<b>2,970</b>	<b>0.7</b>	<b>541</b>	<b>0.1</b>	<b>2,430</b>	<b>449.2</b>
<b>-Current Year</b>	<b>1,391</b>	<b>47,259</b>	<b>11.9</b>	<b>21,610</b>	<b>5.8</b>	<b>25,648</b>	<b>118.7</b>
<b>Treasury Stock</b>	<b>(48)</b>	<b>(1,633)</b>	<b>(0.4)</b>	<b>(1,923)</b>	<b>(0.5)</b>	<b>290</b>	<b>(15.1)</b>
<b>Unrealized Loss on Long-term Investments</b>	<b>(0)</b>	<b>(0)</b>	<b>(0.0)</b>	<b>(194)</b>	<b>(0.1)</b>	<b>194</b>	<b>(100.0)</b>
<b>Cumulated Translation Adjustment</b>	<b>7</b>	<b>225</b>	<b>0.1</b>	<b>945</b>	<b>0.3</b>	<b>(720)</b>	<b>(76.2)</b>
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<b>Total Equity</b>	<b>9,689</b>	<b>329,214</b>	<b>83.0</b>	<b>295,853</b>	<b>80.0</b>	<b>33,361</b>	<b>11.3</b>
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
<b>Total Liabilities &amp; Shareholders Equity</b>	<b>11,667</b>	<b>396,417</b>	<b>100.0</b>	<b>370,016</b>	<b>100.0</b>	<b>26,401</b>	<b>7.1</b>
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

Note: (1) New Taiwan dollar amounts have been translated into U.S. dollars at the rate of NT\$33.98 per U.S. dollar at of December 31, 2003.

**TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.****UNCONSOLIDATED INCOME STATEMENT**

For the Three Months Ended December 31, 2003 and 2002

(Expressed in Millions New Taiwan Dollars (NTD) and U.S. Dollars (USD) <sup>(1)</sup>)

Except for Per Share Amounts and Shares Outstanding)

	Year over Year Comparison					Sequential Comparison				
	4Q 2003		% of	4Q 2002 <sup>(2)</sup>	YoY	4Q 2003		% of	3Q 2003	QoQ
	USD	NTD	Sales	NTD	Inc(Dec)%	USD	NTD	Sales	NTD	Inc(Dec)%
Net Sales	1,700	57,780	100.0	41,154	40.4	1,700	57,780	100.0	54,877	5.3
Cost of Sales	(1,032)	(35,072)	(60.7)	(30,472)	15.1	(1,032)	(35,072)	(60.7)	(33,430)	4.9
<b>Gross Profit</b>	<b>668</b>	<b>22,707</b>	<b>39.3</b>	<b>10,682</b>	<b>112.6</b>	<b>668</b>	<b>22,707</b>	<b>39.3</b>	<b>21,447</b>	<b>5.9</b>
<b>Operating Expenses</b>										
General and Administrative Expenses	(52)	(1,765)	(3.1)	(1,245)	41.7	(52)	(1,765)	(3.1)	(1,614)	9.3
Selling and Marketing Expenses	(8)	(261)	(0.5)	(248)	5.4	(8)	(261)	(0.5)	(277)	(5.8)
Research and Development Expenses	(119)	(4,055)	(7.0)	(3,538)	14.6	(119)	(4,055)	(7.0)	(3,068)	32.2
<b>Total Operating Expenses</b>	<b>(179)</b>	<b>(6,082)</b>	<b>(10.5)</b>	<b>(5,031)</b>	<b>20.9</b>	<b>(179)</b>	<b>(6,082)</b>	<b>(10.5)</b>	<b>(4,960)</b>	<b>22.6</b>
<b>Income from Operations</b>	<b>489</b>	<b>16,625</b>	<b>28.8</b>	<b>5,651</b>	<b>194.2</b>	<b>489</b>	<b>16,625</b>	<b>28.8</b>	<b>16,487</b>	<b>0.8</b>
<b>Net Non-operating Income (Expenses)</b>										
Investment Gain (Loss)	33	1,135	2.0	(2,162)	(53.1)	33	1,135	2.0	361	214.1
<b>Income before Income Tax</b>	<b>517</b>	<b>17,568</b>	<b>30.4</b>	<b>3,078</b>	<b>470.8</b>	<b>517</b>	<b>17,568</b>	<b>30.4</b>	<b>16,708</b>	<b>5.1</b>
<b>Income Tax Credit (Expenses)</b>	<b>(46)</b>	<b>(1,566)</b>	<b>(2.7)</b>	<b>(525)</b>	<b>198.3</b>	<b>(46)</b>	<b>(1,566)</b>	<b>(2.7)</b>	<b>(1,539)</b>	<b>1.7</b>
<b>Net Income</b>	<b>471</b>	<b>16,002</b>	<b>27.7</b>	<b>2,553</b>	<b>526.9</b>	<b>471</b>	<b>16,002</b>	<b>27.7</b>	<b>15,169</b>	<b>5.5</b>
<b>Diluted Earnings Per Ordinary Share <sup>(3)</sup></b>	<b>0.02</b>	<b>0.79</b>		<b>0.12</b>	<b>553.9</b>	<b>0.02</b>	<b>0.79</b>		<b>0.75</b>	<b>5.2</b>
<b>Earnings Per ADR <sup>(4)</sup></b>	<b>0.12</b>	<b>3.94</b>		<b>0.60</b>		<b>0.12</b>	<b>3.94</b>		<b>3.72</b>	

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<b>Weighted Average Outstanding Shares ( M<sup>5</sup>)</b>	<b>20,232</b>	<b>20,221</b>	<b>20,232</b>	<b>20,227</b>
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- Note: (1) New Taiwan dollars have been translated into U.S. dollars at the weighted average rate of NTD33.99 per U.S. dollar for the fourth quarter of 2003.*
- (2) Certain accounts in the financial statement for the three months ended December 31, 2002 have been reclassified to conform to the financial statements for the three months ended December 31, 2003.*
- (3) EPS calculation is after deducting a cash dividend payment on NT\$13,000 million of preferred stock paying an annual rate of 3.5% at the period from January 1 to May 29, 2003. The preferred stock was redeemed on May 29, 2003.*
- (4) 1 ADR equals 5 ordinary shares.*
- (5) Total weighted average outstanding shares were 20,231,739K shares for 4Q03 and 20,220,989K shares for 4Q02 after the retroactive adjustments for stock dividends and changes in treasury stocks. Similarly, adjustments were also made on total weighted average outstanding shares for 3Q03 ( 20,226,848K shares after adjustments).*



**TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.****UNCONSOLIDATED INCOME STATEMENT**

For the Twelve Months Ended December 31, 2003 and 2002

(Expressed in Millions New Taiwan Dollars (NTD) and U.S. Dollars (USD)<sup>(1)</sup>)

Except for Per Share Amounts and Shares Outstanding)

	12 months ended Dec. 31				
	2003	2003	% of	2002	YoY
	USD	NTD	Sales	NTD	Inc(Dec) %
Net Sales	5,865	201,904	100.0	160,961	25.4
Cost of Sales	(3,748)	(129,013)	(63.9)	(108,994)	18.4
<b>Gross Profit</b>	<b>2,118</b>	<b>72,892</b>	<b>36.1</b>	<b>51,967</b>	<b>40.3</b>
<b>Operating Expenses</b>					
General and Administrative Expenses	(184)	(6,338)	(3.1)	(5,210)	21.6
Selling and Marketing Expenses	(35)	(1,194)	(0.6)	(1,140)	4.7
Research and Development Expenses	(369)	(12,713)	(6.3)	(11,440)	11.1
<b>Total Operating Expenses</b>	<b>(588)</b>	<b>(20,244)</b>	<b>(10.0)</b>	<b>(17,791)</b>	<b>13.8</b>
<b>Income from Operations</b>	<b>1,529</b>	<b>52,648</b>	<b>26.1</b>	<b>34,176</b>	<b>54.0</b>
<b>Net Non-operating Expenses</b>	<b>(70)</b>	<b>(2,411)</b>	<b>(1.2)</b>	<b>(1,347)</b>	<b>78.9</b>
Investment Loss	23	791	0.4	(5,717)	
<b>Income before Income Tax</b>	<b>1,482</b>	<b>51,028</b>	<b>25.3</b>	<b>27,112</b>	<b>88.2</b>
<b>Income Tax Credit (Expenses)</b>	<b>(110)</b>	<b>(3,770)</b>	<b>(1.9)</b>	<b>(5,502)</b>	<b>(31.5)</b>
<b>Net Income</b>	<b>1,373</b>	<b>47,259</b>	<b>23.4</b>	<b>21,610</b>	<b>118.7</b>
<b>Diluted Earnings Per Ordinary Share<sup>(2)</sup></b>	<b>0.07</b>	<b>2.33</b>		<b>1.05</b>	<b>122.4</b>
<b>Earnings Per ADR<sup>(3)</sup></b>	<b>0.34</b>	<b>11.63</b>		<b>5.23</b>	
<b>Weighted Average Outstanding Shares ( M<sup>4</sup>)</b>		<b>20,232</b>		<b>20,221</b>	

Note: (1) New Taiwan dollars have been translated into U.S. dollars at the weighted average rate of NTD 34.42 per U.S. dollar for the twelve months of 2003.

(2) EPS calculation is after deducting a cash dividend payment on NT\$13,000 million of preferred stock paying an annual rate of 3.5% at the period from January 1 to May 29, 2003. The preferred stock was redeemed on May 29, 2003.

(3) 1 ADR equals 5 ordinary shares.

*(4) Total weighted average outstanding shares were 20,231,739K shares for the twelve months ended December 31, 2003 and 20,220,989K shares for the twelve months ended December 31, 2002 after the retroactive adjustments for stock dividends and changes in treasury stocks.*

**TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.****UNCONSOLIDATED STATEMENT OF CASH FLOWS**

For the Twelve Months Ended December 31, 2003 and 2002

(Figures in Million of New Taiwan Dollars (NTD) and U.S. Dollars (USD))

(1)

	12 MTHS 2003		12 MTHS 2002	9 MTHS 2003	Q4 2003
	USD	NTD	NTD	NTD	NTD
<b>Cash Flows from Operating Activities:</b>					
Net Income	1,373	47,259	21,610	31,256	16,002
Depreciation & Amortization	1,795	61,786	57,621	46,291	15,495
Investment Loss Recognized by Equity Method	(23)	(791)	5,717	344	(1,135)
Loss(Gain) on property, plant, equipment and idle assets	41	1,402		1,431	(29)
Loss(Gain) on sale of long-term investments	(2)	(79)	2	(66)	(13)
Deferred Tax on Investment Tax Credit	106	3,640	5,490	2,074	1,566
Changes in Working Capital & Others	(132)	(4,547)	3,848	(4,145)	(402)
<b>Net Cash Provided from Operating Activities</b>	<b>3,157</b>	<b>108,668</b>	<b>94,288</b>	<b>77,185</b>	<b>31,484</b>
<b>Cash Flows from Investing Activities:</b>					
Increase in Short-Term Investments	(364)	(12,529)		(11,664)	(865)
Acquisition of Fixed Assets	(1,082)	(37,247)	(54,444)	(24,416)	(12,832)
Proceeds from Disposal of Properties	5	177	495	159	18
Decrease in Deposit out	11	366	229	256	110
Increase in Long-Term Investments	(87)	(3,006)	(10,188)	(1,051)	(1,955)
Proceeds from Sales of Long-Term Stock Investments	14	476	1	458	18
Increase in Deferred Assets	(62)	(2,138)	(5,725)	(1,793)	(345)
Decrease in Other assets	0	9	0	9	
<b>Net Cash Used in Investing Activities</b>	<b>(1,566)</b>	<b>(53,892)</b>	<b>(69,630)</b>	<b>(38,041)</b>	<b>(15,851)</b>
<b>Cash Flows from Financing Activities:</b>					
Increase (Decrease) in Bonds Payable	(116)	(4,000)	10,000	(4,000)	
Increase (Decrease) in Guarantee Deposits & Others	(18)	(632)	(5,816)	(556)	(75)
Decrease in Preferred shares	(378)	(13,000)	0	(13,000)	
Cash Dividend Preferred Shares	(13)	(455)	(455)	(455)	
Bonus paid to Directors and Supervisors	(2)	(59)	(134)	(59)	
<b>Net Cash Provided from (Used in) Financing Activities</b>	<b>(527)</b>	<b>(18,145)</b>	<b>3,595</b>	<b>(18,070)</b>	<b>(75)</b>
<b>Net Increase (Decrease) in Cash and Cash Equivalents</b>	<b>1,064</b>	<b>36,631</b>	<b>28,253</b>	<b>21,075</b>	<b>15,557</b>
<b>Cash and Cash Equivalents at Beginning of Period</b>	<b>1,791</b>	<b>61,657</b>	<b>33,404</b>	<b>61,657</b>	<b>82,732</b>
<b>Cash and Cash Equivalents at End of Period</b>	<b>2,855</b>	<b>98,288</b>	<b>61,657</b>	<b>82,732</b>	<b>98,288</b>

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*Note: New Taiwan dollar amounts have been translated into U.S. dollars at the rate of NTD34.42 per U.S. dollar, the weighted average exchange rate for the twelve months of 2003 .*







































