TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD Form 6-K February 14, 2005

1934 Act Registration No. 1-14700

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM 6-K

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

For the month of February 2005

Taiwan Semiconductor Manufacturing Company Ltd.

(Translation of Registrant s Name Into English)

No. 8, Li-Hsin Rd. 6, Hsinchu Science Park, Taiwan

(Address of Principal Executive Offices)

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

Form 20-F b

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

Yes o

No b

Form 40-F o

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

TSMC Monthly Sales Report January 2005

Hsinchu, Taiwan, R.O.C. February 14, 2005 Taiwan Semiconductor Manufacturing Company Ltd. (TSMC) (TAIEX: 2330, NYSE: TSM) today announced that net sales for January 2005 totaled NT\$20,843 million, an increase of 8.8 percent over the same period last year. On a sequential basis, January 2005 sales increased 4.6 percent.

Ms. Lora Ho, TSMC spokesperson, vice president and chief financial officer, noted that TSMC s January 2005 sales increased as a result of higher wafer shipments compared to December 2004.

Sales Report:

(Unit: NT\$million, except for EPS)

2005* 2004 Growth Rate (%)
Net Sales for January 20,843 19,156 8.8

TSMC Spokesperson:

Ms. Lora Ho

Vice President and CFO Tel: 886-3-566-4602

TSMC Acting Spokesperson:

Mr. J.H. Tzeng

PR Department Manager, TSMC

Tel: 886-3-666-5028 Mobile: 0928-882607 Fax: 886-3-567-0121 E-Mail: jhtzeng@tsmc.com

For further information, please contact:

Richard C.Y. Chung

PR Principal Specialist, TSMC

Tel: 886-3-666-5038 Mobile: 886-911-258751 Fax: 886-3-567-0121

E-Mail: cychung@tsmc.com

^{*} Year 2005 figures have not been audited.

Taiwan Semiconductor Manufacturing Company Limited February 14, 2005

This is to report the changes or status of 1) sales volume, 2) funds lent to other parties, 3) endorsements and guarantees, and 4) financial derivative transactions for the period of January 2005.

1) Sales volume (in NT\$: thousand)

Period	Items	2005	2004
Jan.	Invoice amount	17,548,625	16,715,242
Jan.	Net sales	20,842,779	19,155,894

2) Funds lent to other parties (in NT\$: thousand)

	Limit of lending	Jan.	Bal. as of period end
TSMC	75,852,558		
TSMC s subsidiaries	31,407,503	(17,780)*	4,450,600

^{*} The deviation was due to the fluctuation in currency exchange rate.

3) Endorsements and guarantees (in NT\$: thousand)

	Limit of endorsements	Jan.	Bal. as of period end
TSMC	94,815,698	(12,700)*	3,179,000
TSMC s subsidiaries	N/A	0	0
TSMC endorses for			
subsidiaries		(12,700)*	3,179,000
TSMC s subsidiaries endorse fo			
TSMC		0	0
TSMC endorses for PRC			
companies		0	0
TSMC s subsidiaries endorse for PRC companies		0	0

^{*} The deviation was due to the fluctuation in currency exchange rate.

a-1. Hedging purpose (for assets / liabilities denominated in foreign currencies)

Underlying assets /	Liabilities:	YEN:	1,242,605
liabilities			
		EUR:	2,000
	Assets:	US\$:	2,137,604
Financial instruments			FX forward contracts
Recognized profit (loss)			NT\$62,818

⁴⁾ Financial derivative transactions (in thousand)

a-2. Hedging purpose (for the position of fixed rate liabilities / floating rate assets)

Assets

Underlying assets / liabilities Liabilities: NT\$: 3,000,000

US\$:

US\$:

Financial instruments

Interest rate swap

Recognized profit (loss)

b. Trading purpose: None.

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: February 14, 2005 By /s/ Lora Ho

Lora Ho

Vice President & Chief Financial

Officer