

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

February 10, 2006

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 2006

Taiwan Semiconductor Manufacturing Company Ltd.

(Translation of Registrant's Name Into English)

No. 8, Li-Hsin Rd. 6,

Hsinchu Science Park,

Taiwan

(Address of Principal Executive Offices)

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

Form 20-F

Form 40-F

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

Yes

No

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

TSMC January 2006 Sales Report

Hsinchu, Taiwan, R.O.C. February 10, 2006 TSMC (TAIEX: 2330, NYSE: TSM) today announced that net sales for January 2006 totaled NT\$26,178 million, an increase of 25.6 percent over the same period last year. On a sequential basis, January 2006 sales decreased 4.5 percent.

TSMC Sales Report:

Net Sales	2006*	2005	(Unit: NT\$ million)
			Increase (Decrease) %
January	26,178	20,843	25.6

* Year 2006 figures have not been audited.

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
Media Relations Manager, TSMC
Tel: 886-3-666-5038
Mobile: 886-911-258751
Fax: 886-3-567-0121
E-Mail: cychung@tsmc.com

Taiwan Semiconductor Manufacturing Company Limited
February 10, 2006

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 2006.

1) Sales volume (in NT\$ thousand)

<i>Period</i>	<i>Items</i>	<i>2006</i>	<i>2005</i>
<i>Jan.</i>	<i>Invoice amount</i>	<i>22,252,556</i>	<i>18,446,223</i>
<i>Jan.</i>	<i>Net sales</i>	<i>26,177,607</i>	<i>20,842,779</i>

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

	<i>Limit of lending</i>	<i>Jan.</i>	<i>Bal. as of period end</i>
<i>TSMC</i>	<i>82,222,226</i>		
<i>TSMC's subsidiaries</i>	<i>31,600,156</i>	<i>(30,275)*</i>	<i>1,119,475</i>

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

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

	<i>Limit of endorsements</i>	<i>Jan.</i>	<i>Bal. as of period end</i>
<i>TSMC</i>	<i>102,777,783</i>	<i>(86,500)*</i>	<i>3,198,500</i>
<i>TSMC's subsidiaries</i>	<i>N/A</i>		
<i>TSMC endorses for subsidiaries</i>		<i>(86,500)*</i>	<i>3,198,500</i>
<i>TSMC's subsidiaries endorse for TSMC</i>			
<i>TSMC endorses for PRC companies</i>			
<i>TSMC's subsidiaries endorse for PRC companies</i>			

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

4) Financial derivative transactions (in NT\$ thousand)

Hedging purpose (for assets / liabilities denominated in foreign currencies)

	<i>Forward</i>	<i>Swap</i>	<i>Others</i>
<i>Margin Payment</i>			
<i>Premium Income (Expense)</i>			
<i>Outstanding Contracts</i>	<i>Notional Amount</i>	<i>0</i>	<i>79,912,146</i>
	<i>Mark to Market Profit/Loss</i>	<i>0</i>	<i>1,565,366</i>
<i>Expired Contracts</i>	<i>Notional Amount</i>	<i>2,004,420</i>	<i>32,610,215</i>
	<i>Realized Profit/Loss</i>	<i>81,046</i>	<i>1,232,085</i>

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 10, 2006

By /s/ Lora Ho

Lora Ho
Vice President & Chief Financial Officer