

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

January 10, 2007

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 January 2007

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 December 2006 Sales Report

Hsinchu, Taiwan, R.O.C. January 10, 2007 TSMC (TAIEX: 2330, NYSE: TSM) today announced its net sales for December 2006: on an unconsolidated basis, sales were NT\$22,376 million, a decrease of 9.4 percent from November 2006 and a decrease of 18.4 percent from December 2005. Full-year sales for 2006 increased 18.6 percent over 2005, to a record high of NT\$313,882 million.

On a consolidated basis, net sales for December 2006 were NT\$ 22,871 million, a decrease of 8.7 percent from November 2006; full-year sales for 2006 totaled NT\$ 317,407 million.

TSMC Sales Report (Unconsolidated):

			(Unit: NT\$ million)
	2006*	2005	Increase (Decrease) %
Net Sales			
December	22,376	27,416	(18.4)
January through December	313,882	264,588	18.6

* 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
 Deputy Director, PR Department, TSMC
 Tel: 886-3-505-5028
 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: 886-3-505-5038
 Mobile: 886-911-258751
 Fax: 886-3-567-0121
 E-Mail: cychung@tsmc.com

Taiwan Semiconductor Manufacturing Company Limited
January 10, 2007

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 December 2006.

1) Sales volume (in NT\$ thousand)

<i>Period</i>	<i>Items</i>	<i>2006</i>	<i>2005</i>
<i>Dec.</i>	<i>Net sales</i>	<i>22,376,087</i>	<i>27,415,723</i>
<i>Jan.-Dec.</i>	<i>Net sales</i>	<i>313,881,635</i>	<i>264,588,364</i>

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

	<i>Limit of lending</i>	<i>Dec.</i>	<i>Bal. as of period end</i>
<i>TSMC</i>	<i>96,227,225</i>		
<i>TSMC s subsidiaries</i>	<i>32,203,805</i>		

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

	<i>Limit of endorsements</i>	<i>Dec.</i>	<i>Bal. as of period end</i>
<i>TSMC</i>	<i>120,284,032</i>		
<i>TSMC s subsidiaries</i>	<i>N/A</i>		
<i>TSMC endorses for subsidiaries</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>			

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

TSMC

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

		<i>Forward</i>	<i>Swap</i>	<i>Buy put</i>	<i>Others Sell call</i>
<i>Margin Payment</i>					
<i>Premium Income</i>					
<i>(Expense)</i>					
<i>Outstanding Contracts</i>	<i>Notional Amount</i>		<i>26,894,880</i>		
	<i>Mark to Market Profit/Loss</i>		<i>33,850</i>		
<i>Expired Contracts</i>	<i>Notional Amount</i>	<i>37,187,474</i>	<i>423,526,934</i>	<i>2,944,840</i>	<i>2,944,840</i>
	<i>Realized Profit/Loss</i>	<i>8,962</i>	<i>(1,658,609)</i>		

TSMC s subsidiaries

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

		<i>Forward</i>	<i>Swap</i>	<i>Buy put</i>	<i>Others</i> <i>Sell call</i>
<i>Margin Payment</i>					
<i>Premium Income (Expense)</i>					
<i>Outstanding Contracts</i>	<i>Notional Amount</i>	<i>10,709</i>			
	<i>Mark to Market</i>				
	<i>Profit/Loss</i>	<i>(113)</i>			
<i>Expired Contracts</i>	<i>Notional Amount</i>	<i>702,318</i>			
	<i>Realized Profit/Loss</i>	<i>2,603</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: January 10, 2007

By /s/ Lora Ho
Lora Ho
Vice President & Chief Financial
Officer