

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

March 10, 2010

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 March 2010

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 February 2010 Sales Report

Hsinchu, Taiwan, R.O.C. March 10, 2010 TSMC (TWSE: 2330, NYSE: TSM) today announced its net sales for February 2010: on an unconsolidated basis, net sales were approximately NT\$29.2 billion, an increase of 0.1 percent from January 2010 and an increase of 153.8 percent over February 2009. Revenues for January through February 2010 totaled NT\$58.35 billion, an increase of 143.7 percent compared to the same period in 2009.

On a consolidated basis, net sales for February 2010 were approximately NT\$ 30.13 billion, about the same level as January 2010, and registered an increase of 147.5 percent over February 2009. Revenues for January through February 2010 totaled NT\$60.27 billion, an increase of 138.2 percent compared to the same period in 2009.

TSMC Sales Report (Unconsolidated):

			(Unit: NT\$ million) Increase (Decrease) %
Net Sales	2010*	2009	
February	29,195	11,504	153.8
January through February	58,352	23,940	143.7

* *Year 2010
figures have not
been audited.*

TSMC Sales Report (Consolidated):

			(Unit: NT\$ million) Increase (Decrease) %
Net Sales	2010*	2009	
February	30,132	12,176	147.5
January through February	60,268	25,302	138.2

* *Year 2010
figures have not
been audited.*

TSMC Spokesperson:

Ms. Lora Ho
VP & CFO, TSMC
Tel: 886-3-566-4602

TSMC Acting Spokesperson:

Mr. J.H. Tzeng
Deputy Director
PR Department, TSMC
Tel: 886-3-505-5028
Mobile: 886-928-882607
E-Mail: jhtzeng@tsmc.com

For Further Information:

Mr. Richard C.Y. Chung
Technical Manager
PR Department, TSMC
Tel: 886-3-563-6688
ext. 7125038
Mobile: 886-911-258751

E-Mail:
cychung@tsmc.com

Mr. Michael Kramer
Principal Specialist
PR Department, TSMC
Tel: 886-3-563-6688
ext. 7126216
Mobile:
886-926-026632
E-Mail:
pdkramer@tsmc.com

Taiwan Semiconductor Manufacturing Company Limited
March 10, 2010

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 Feb. 2010.

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

<i>Period</i>	<i>Items</i>	<i>2010</i>	<i>2009</i>
<i>Feb.</i>	<i>Net sales</i>	<i>29,195,234</i>	<i>11,503,819</i>
<i>Jan.-Feb.</i>	<i>Net sales</i>	<i>58,351,505</i>	<i>23,940,197</i>

2) *Funds lent to other parties: None*

3) *Endorsements and guarantees: None*

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

TSMC

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

		<i>Futures</i>	<i>Forward</i>	<i>Swap</i>	<i>Single Option</i>		<i>Combined Option</i>		<i>Others</i>
					<i>Sell</i>	<i>Buy</i>	<i>Sell</i>	<i>Buy</i>	
<i>Margin Payment</i>									
<i>Premium Income (Expense)</i>									
<i>Outstanding</i>	<i>Notional</i>								
<i>Contracts</i>	<i>Amount</i>		<i>3,764,390</i>	<i>34,265,938</i>					
	<i>Mark to Market</i>								
	<i>Profit/Loss</i>		<i>23,183</i>	<i>(106,184)</i>					
	<i>Unrealized</i>								
	<i>Profit/Loss</i>		<i>23,183</i>	<i>(287,926)</i>					
	<i>Notional</i>								
<i>Expired Contracts</i>	<i>Amount</i>		<i>7,497,602</i>	<i>37,073,507</i>					
	<i>Realized</i>								
	<i>Profit/Loss</i>		<i>102,817</i>	<i>189,795</i>					

TSMC s subsidiaries

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

		<i>Futures</i>	<i>Forward</i>	<i>Swap</i>	<i>Single Option</i>		<i>Combined Option</i>		<i>Others</i>
					<i>Sell</i>	<i>Buy</i>	<i>Sell</i>	<i>Buy</i>	
<i>Margin Payment</i>									
<i>Premium Income (Expense)</i>									
<i>Outstanding</i>									
<i>Contracts</i>	<i>Notional Amount</i>		<i>272,750</i>						
	<i>Mark to Market</i>								
	<i>Profit/Loss</i>		<i>(42)</i>						
	<i>Unrealized</i>								
	<i>Profit/Loss</i>		<i>(1,267)</i>						

<i>Expired Contracts</i>	<i>Notional Amount</i>	<i>137,983</i>
	<i>Realized</i>	
	<i>Profit/Loss</i>	<i>(8)</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: March 10, 2010

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