

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

May 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 May 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: _____.)

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: May 10, 2010

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

TSMC April 2010 Sales Report

Hsinchu, Taiwan, R.O.C. May 10, 2010 TSMC (TWSE: 2330, NYSE: TSM) today announced its net sales for April 2010: on an unconsolidated basis, net sales were approximately NT\$32.68 billion, an increase of 6.0 percent over March 2010 and an increase of 50.3 percent over April 2009. Revenues for January through April 2010 totaled NT\$121.86 billion, an increase of 105.5 percent compared to the same period in 2009.

On a consolidated basis, net sales for April 2010 were approximately NT\$ 33.81 billion, an increase of 5.9 percent over March 2010 and an increase of 50.6 percent over April 2009. Revenues for January through April 2010 totaled NT\$126.00 billion, an increase of 103.4 percent compared to the same period in 2009.

TSMC Sales Report (Unconsolidated):

			(Unit: NT\$ million)
			Increase (Decrease) %
Net Sales	2010*	2009	
April	32,683	21,745	50.3
January through April	121,858	59,304	105.5

* Year 2010
figures have not
been audited.

TSMC Sales Report (Consolidated):

			(Unit: NT\$ million)
			Increase (Decrease) %
Net Sales	2010*	2009	
April	33,809	22,450	50.6
January through April	125,996	61,950	103.4

* 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:

Ms. Lijung Chang
Principal Specialist
PR Department, TSMC
Tel: 886-3-563-6688
ext. 7125039
Mobile: 886-922-062478
E-Mail: ljchang@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
May 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 Apr. 2010.

1) Sales volume (in NT\$ thousand)

<i>Period</i>	<i>Items</i>	<i>2010</i>	<i>2009</i>
<i>Apr.</i>	<i>Net sales</i>	<i>32,683,232</i>	<i>21,744,749</i>
<i>Jan.-Apr.</i>	<i>Net sales</i>	<i>121,857,740</i>	<i>59,304,442</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 Sell Buy</i>	<i>Combined Option Sell Buy</i>	<i>Others</i>
<i>Margin Payment</i>							
<i>Premium Income (Expense)</i>							
<i>Outstanding</i>	<i>Notional Amount</i>		<i>1,838,630</i>	<i>26,689,157</i>			
<i>Contracts</i>	<i>Mark to Market Profit/Loss</i>		<i>1,509</i>	<i>69,970</i>			
	<i>Unrealized Profit/Loss</i>		<i>1,509</i>	<i>(111,773)</i>			
<i>Expired</i>	<i>Notional Amount</i>		<i>14,944,625</i>	<i>86,202,839</i>			
<i>Contracts</i>	<i>Realized Profit/Loss</i>		<i>187,079</i>	<i>527,047</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 Sell Buy</i>	<i>Combined Option Sell Buy</i>	<i>Others</i>
<i>Margin Payment</i>							
<i>Premium Income (Expense)</i>							
<i>Outstanding</i>	<i>Notional Amount</i>						
<i>Contracts</i>	<i>Mark to Market Profit/Loss</i>						
	<i>Unrealized Profit/Loss</i>		<i>1,200</i>				
<i>Expired</i>	<i>Notional Amount</i>		<i>1,017,298</i>				
<i>Contracts</i>	<i>Realized Profit/Loss</i>		<i>(578)</i>				