

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

September 10, 2010

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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 September 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: _____.)

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Hsinchu, Taiwan, R.O.C. September 10, 2010 TSMC (TWSE: 2330, NYSE: TSM) today announced its net sales for August 2010: on an unconsolidated basis, net sales were approximately NT\$36.5 billion, an increase of 0.9 percent over July 2010 and an increase of 26.3 percent over August 2009. Revenues for January through August 2010 totaled NT\$263.47 billion, an increase of 56.2 percent compared to the same period in 2009.

On a consolidated basis, net sales for August 2010 were approximately NT \$37.39 billion, an increase of 0.5 percent over July 2010 and an increase of 25.4 percent over August 2009. Revenues for January through August 2010 totaled NT\$271.76 billion, an increase of 55.5 percent compared to the same period in 2009.

TSMC Sales Report (Unconsolidated):

(Unit: NT\$ million)

			Increase (Decrease)%
Net Sales	2010*	2009	
August	36,498	28,888	26.3
January through August	263,465	168,722	56.2

* Year 2010
figures have not
been audited.

TSMC Sales Report (Consolidated):

(Unit: NT\$ million)

			Increase (Decrease)%
Net Sales	2010*	2009	
August	37,391	29,827	25.4
January through August	271,758	174,712	55.5

* Year 2010
figures have not
been audited.

TSMC Spokesperson:**TSMC Acting
Spokesperson:****For Further
Information:**

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<i>Period</i>	<i>Items</i>	<i>2010</i>	<i>2009</i>
<i>August</i>	<i>Net sales</i>	<i>36,498,090</i>	<i>28,887,650</i>
<i>Jan.-Aug.</i>	<i>Net sales</i>	<i>263,464,747</i>	<i>168,722,441</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</i>								
<i>(Expense)</i>								
<i>Outstanding</i>								
<i>Contracts</i>								
<i>Notional Amount</i>		<i>1,847,929</i>	<i>1,152,000</i>					
<i>Mark to Market</i>								
<i>Profit/Loss</i>		<i>(4,135)</i>	<i>(74)</i>					
<i>Unrealized</i>								
<i>Profit/Loss</i>		<i>(4,135)</i>	<i>(181,817)</i>					
<i>Expired Contracts</i>								
<i>Notional Amount</i>		<i>36,876,398</i>	<i>200,330,856</i>					
<i>Realized</i>								
<i>Profit/Loss</i>		<i>224,674</i>	<i>168,087</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</i>								
<i>(Expense)</i>								
<i>Outstanding</i>								
<i>Contracts</i>								
<i>Notional Amount</i>								
<i>Mark to Market</i>								
<i>Profit/Loss</i>		<i>1,230</i>						

Unrealized

Profit/Loss

Expired Contracts

Notional Amount

1,675,768

Realized Profit/Loss

(1,130)

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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: September 10, 2010

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