

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

January 10, 2011

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 2011

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 2010 Sales Report

Hsinchu, Taiwan, R.O.C. January 10, 2011 TSMC (TWSE: 2330, NYSE: TSM) today announced its net sales for December 2010: On an unconsolidated basis, net sales were approximately NT\$33.75 billion, a decrease of 5.5 percent over November 2010 and an increase of 10.8 percent over December 2009. Full-year sales for 2010 totaled NT\$406.96 billion, an increase of 42.4 percent compared to 2009.

On a consolidated basis, net sales for December 2010 were approximately NT\$ 34.87 billion, a decrease of 5.4 percent over November 2010 and an increase of 10.5 percent over December 2009. Full-year sales for 2010 totaled NT\$419.54 billion, an increase of 41.9 percent compared to 2009.

TSMC Sales Report (Unconsolidated):

(Unit: NT\$ million)

| | 2010* | 2009 | Increase (Decrease)% |
|--------------------------|---------|---------|-------------------------|
| Net Sales | | | |
| December | 33,751 | 30,466 | 10.8 |
| January through December | 406,963 | 285,743 | 42.4 |

* Year 2010 figures have not been audited.

TSMC Sales Report (Consolidated):

(Unit: NT\$ million)

| | 2010* | 2009 | Increase (Decrease)% |
|--------------------------|---------|---------|-------------------------|
| Net Sales | | | |
| December | 34,869 | 31,554 | 10.5 |
| January through December | 419,538 | 295,742 | 41.9 |

* Year 2010 figures have not been audited.

TSMC Spokesperson:

Lora Ho
Senior VP & CFO
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TSMC Acting Spokesperson:

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*Taiwan Semiconductor Manufacturing Company Limited
January 10, 2011*

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 Dec. 2010.

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

| <i>Period</i> | <i>Items</i> | <i>2010</i> | <i>2009</i> |
|------------------|------------------|-------------|-------------|
| <i>Dec.</i> | <i>Net sales</i> | 33,751,175 | 30,466,359 |
| <i>Jan.-Dec.</i> | <i>Net sales</i> | 406,963,311 | 285,742,868 |

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> | 107,304,726 | | |
| <i>TSMC's subsidiaries</i> | 33,565,775 | 1,518,400 | 3,644,160 |

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 Others</i> |
|--------------------|-----------------------------------|----------------|----------------|-------------|---------------------------------------|--|
| <i>Margin</i> | | | | | | |
| <i>Payment</i> | | | | | | |
| <i>Premium</i> | | | | | | |
| <i>Income</i> | | | | | | |
| <i>(Expense)</i> | | | | | | |
| <i>Outstanding</i> | <i>Notional Amount</i> | | | | | |
| <i>Contracts</i> | | | 814,882 | 0 | | |
| | <i>Mark to Market Profit/Loss</i> | | (8,018) | 0 | | |
| | <i>Unrealized Profit/Loss</i> | | (8,018) | (181,743) | | |
| <i>Expired</i> | <i>Notional Amount</i> | | | | | |
| <i>Contracts</i> | | | 76,443,895 | 226,251,183 | | |
| | <i>Realized Profit/Loss</i> | | 257,166 | 245,272 | | |

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 Others</i> |
|--------------------|------------------------|----------------|----------------|-------------|---------------------------------------|--|
| <i>Margin</i> | | | | | | |
| <i>Payment</i> | | | | | | |
| <i>Premium</i> | | | | | | |
| <i>Income</i> | | | | | | |
| <i>(Expense)</i> | | | | | | |
| <i>Outstanding</i> | <i>Notional Amount</i> | | | | | |
| <i>Contracts</i> | | | 2,563,227 | | | |

| | | |
|--------------------------|-----------------------------------|-----------|
| | <i>Mark to Market Profit/Loss</i> | (12,537) |
| | <i>Unrealized Profit/Loss</i> | (11,336) |
| <i>Expired Contracts</i> | <i>Notional Amount</i> | 4,942,436 |
| | <i>Realized Profit/Loss</i> | (3,858) |

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, 2011

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