

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

February 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 February 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 January 2011 Sales Report

Hsinchu, Taiwan, R.O.C. February 10, 2011 TSMC (TWSE: 2330, NYSE: TSM) today announced its net sales for January 2011: On an unconsolidated basis, net sales were approximately NT\$34.42 billion, an increase of 2 percent over December 2010 and an increase of 18.1 percent over January 2010.

On a consolidated basis, net sales for January 2011 were approximately NT\$35.37 billion, an increase of 1.4 percent over December 2010 and an increase of 17.4 percent over January 2010.

TSMC Sales Report (Unconsolidated):

(Unit: NT\$ million)

| | 2011* | 2010 | Increase (Decrease) % |
|-----------|--------|--------|--------------------------|
| Net Sales | | | |
| January | 34,424 | 29,156 | 18.1 |

* Year 2011 figures have not been audited.

TSMC Sales Report (Consolidated):

(Unit: NT\$ million)

| | 2011* | 2010 | Increase (Decrease) % |
|-----------|--------|--------|--------------------------|
| Net Sales | | | |
| January | 35,371 | 30,136 | 17.4 |

* Year 2011 figures have not been audited.

TSMC Spokesperson: TSMC Acting Spokesperson: For Further Information:

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Taiwan Semiconductor Manufacturing Company Limited
February 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 Jan. 2011.

1) Sales volume (in NT\$ thousand)

| Period | Items | 2011 | 2010 |
|--------|-----------|------------|------------|
| Jan. | Net sales | 34,424,173 | 29,156,271 |

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

| | Limit of lending | Jan. | Bal. as of period end |
|---------------------|------------------|---------|-----------------------|
| TSMC | 107,304,726 | | |
| TSMC's subsidiaries | 32,192,199 | 870,990 | 4,354,950 |

3) Endorsements and guarantees: None.

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

TSMC

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

| | Futures | Forward | Swap | Single Option Sell | Single Option Buy | Combined Option Sell | Combined Option Buy | Others |
|--------------------------|---------|----------------------------|-----------|--------------------------|-------------------------|----------------------------|---------------------------|--------|
| Margin Payment | | | | | | | | |
| Premium Income (Expense) | | | | | | | | |
| Outstanding Contracts | | 9,544,027 | 2,903,000 | | | | | |
| | | Mark to Market Profit/Loss | | | | | | |
| | | Unrealized Profit/Loss | | | | | | |
| Expired Contracts | | 1,133,485 | 146,750 | | | | | |
| | | Realized Profit/Loss | | | | | | |
| | | (4,158) | 6,876 | | | | | |

TSMC's subsidiaries

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

| | Futures | Forward | Swap | Single Option Sell | Single Option Buy | Combined Option Sell | Combined Option Buy | Others |
|--------------------------|---------|----------------------------|------|--------------------------|-------------------------|----------------------------|---------------------------|--------|
| Margin Payment | | | | | | | | |
| Premium Income (Expense) | | | | | | | | |
| Outstanding Contracts | | 2,891,325 | | | | | | |
| | | Mark to Market Profit/Loss | | | | | | |
| | | Unrealized Profit/Loss | | | | | | |
| Expired Contracts | | 139,455 | | | | | | |
| | | Realized Profit/Loss | | | | | | |
| | | 2,118 | | | | | | |

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: February 10, 2011

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