

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

September 10, 2010

Table of Contents

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: _____.)

TABLE OF CONTENTS

SIGNATURES

Table of Contents**TSMC August 2010 Sales Report**

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)

| | 2010* | 2009 | Increase (Decrease)% |
|------------------------|---------|---------|-------------------------|
| Net Sales | | | |
| 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)

| | 2010* | 2009 | Increase (Decrease)% |
|------------------------|---------|---------|-------------------------|
| Net Sales | | | |
| 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:**

Lora Ho
Senior VP & CFO
Tel: 886-3-566-4602

Elizabeth Sun
Director
Corporate Communication
Division
Tel: 886-3-568-2085
Mobile: 886-988-937999
E-Mail:
elizabeth_sun@tsmc.com

For Further Information:

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

Ophelia Chang
Specialist
PR Department
Tel: 886-3-563-6688
Ext. 7125786
Mobile: 886-988-930039
E-Mail:
lwchangj@tsmc.com

Table of Contents

Taiwan Semiconductor Manufacturing Company Limited
Sept. 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 August 2010.

1) Sales volume (in NT\$ thousand)

| <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> | | | | | | |

| | |
|-----------------------------|-----------|
| <i>Unrealized</i> | |
| <i>Profit/Loss</i> | |
| <i>Expired Contracts</i> | |
| <i>Notional Amount</i> | 1,675,768 |
| <i>Realized Profit/Loss</i> | (1,130) |

Table of Contents

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