

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

July 29, 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 July 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: July 29, 2010

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

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**TSMC Reports Second Quarter EPS of NT\$1.55**

**Hsin-Chu, Taiwan, R.O.C., July 29, 2010** TSMC today announced consolidated revenue of NT\$104.96 billion, net income of NT\$40.28 billion, and diluted earnings per share of NT\$1.55 (US\$0.24 per ADS unit) for the second quarter ended June 30, 2010.

Year-over-year, second quarter revenue increased 41.4% while net income increased 64.8% and diluted EPS increased 65%. Compared to first quarter of 2010, second quarter results represent a 13.9% increase in revenue, and a 19.7% increase in both net income and diluted EPS. All figures were prepared in accordance with R.O.C. GAAP on a consolidated basis.

Gross margin for the quarter was 49.5%, operating margin was 38.6%, and net margin was 38.4%.

In the second quarter, demand for TSMC's wafers continued to be strong, and wafer shipments in all major semiconductor market segments increased from their first quarter levels.

Advanced process technologies (0.13-micron and below) accounted for 72% of wafer revenues. 90-nanometer process technology accounted for 16% of wafer revenues, 65-nanometer 27%, and 40-nanometer 16% of total wafer sales.

Both macroeconomic forecast and booking trend indicate that third quarter business will continue to grow. Relative to the second quarter, the consumer and communication segments in the third quarter will increase while the computer segment will decline slightly, said Lora Ho, VP and Chief Financial Officer of TSMC. Based on our current business outlook, management expects overall performance for third quarter 2010 to be as follows :

Revenue to be between NT\$109 billion and NT\$111 billion;

Gross profit margin to be between 48% and 50%;

Operating profit margin to be between 36% and 38%.

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**TSMC's 2010 second quarter consolidated results :**

(Unit: NT\$million, except for EPS)

	2Q10	2Q09	YoY Inc. (Dec.)%	1Q10	QoQ Inc. (Dec.)%
	Amount*	Amount		Amount	
Net sales	104,962	74,212	41.4	92,187	13.9
Gross profit	51,926	34,296	51.4	44,185	17.5
Income from operations	40,468	25,127	61.1	34,128	18.6
Income before tax	42,410	26,389	60.7	35,303	20.1
Net income	40,282	24,442	64.8	33,663	19.7
<b>EPS (NT\$)</b>	1.55**	0.94***	65.0	1.30****	19.7

\* 2010 second quarter figures have not been approved by Board of Directors

\*\* Based on 25,917 million weighted average outstanding shares

\*\*\* Based on 25,943 million weighted average outstanding shares

\*\*\*\* Based on 25,916 million weighted average outstanding shares

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