

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

October 30, 2009

**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 October 2009

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 Reports Third Quarter EPS of NT\$1.18

Hsin-Chu, Taiwan, R.O.C., October 29, 2009 TSMC today announced consolidated revenue of NT\$89.94 billion, net income of NT\$30.55 billion, and diluted earnings per share of NT\$1.18 (US\$0.18 per ADS unit) for the third quarter ended September 30, 2009.

Year-over-year, third quarter revenue decreased 3.3% while net income decreased 0.1% and diluted EPS increased 0.3%. Compared to second quarter of 2009, third quarter results represent a 21.2% increase in revenue, an increase of 25% in net income, and an increase of 24.8% in diluted EPS. All figures were prepared in accordance with R.O.C. GAAP on a consolidated basis.

Gross margin for the quarter was 47.7%, operating margin was 35.6%, and net margin was 34%.

As demand outlook continued to improve, third quarter saw a solid growth in the demand for semiconductors across all major applications.

Advanced process technologies (0.13-micron and below) accounted for 67% of wafer revenues. 90-nanometer process technology accounted for 18% of wafer revenues, 65-nanometer 31%, and 40-nanometer exceeded 4% of total wafer sales.

For the fourth quarter, we expect the demand from computer related applications to grow strongly while communication related applications will take a pause after two consecutive quarters strong momentum, and consumer applications will decline following their seasonal pattern, said Lora Ho, VP and Chief Financial Officer of TSMC.

Based on our current business outlook, management expects overall performance for fourth quarter 2009 to be as follows :

Revenue is expected to be between NT\$90 billion and NT\$92 billion;

Gross profit margin is expected to be between 47% and 48.5%;

Operating profit margin is expected to be between 35.5% and 37%.

Lora Ho further said: Due to stronger demand for 40-nanometer and 65-nanometer technologies, TSMC 2009 capital expenditure is further raised and is expected to be around US\$2.7 billion .

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TSMC's 2009 third quarter consolidated results :

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

	3Q09	3Q08	YoY	2Q09	QoQ
	Amount*	Amount	Inc. (Dec.) %	Amount	Inc. (Dec.) %
Net sales	89,936	92,979	(3.3)	74,212	21.2
Gross profit	42,858	43,094	(0.5)	34,296	25.0
Income from operations	31,984	32,917	(2.8)	25,127	27.3
Income before tax	32,957	34,430	(4.3)	26,389	24.9
Net income	30,551	30,574	(0.1)	24,442	25.0
EPS (NT\$)	1.18**	1.17***	0.3	0.94****	24.8

* 2009 third quarter figures have not been approved by Board of Directors

** Based on 25,984 million weighted average outstanding shares

*** Based on 26,070 million weighted average outstanding shares

**** Based on 25,944 million weighted average outstanding shares

TSMC Spokesperson: TSMC Acting Spokesperson: For Further Information:

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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: October 29, 2009

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