

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

February 25, 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 February 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: \_\_\_\_\_.)

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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: February 25, 2010

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

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Taiwan Semiconductor Manufacturing Company Limited  
For the month of January 2010

This is to report 1) the changes in the shareholdings of our board directors, executive officers and shareholders who own more than 10% of total outstanding common shares of Taiwan Semiconductor Manufacturing Company Ltd. (The Company; TSMC ) (NYSE:TSM); 2) the pledge and clear of pledge of TSMC common shares by our board directors, executive officers and shareholders who own more than 10% of total outstanding common shares of TSMC; 3) the acquisition of assets by TSMC and 4) the disposition of assets by TSMC for the month of Jan., 2010.

1) The changes in the shareholdings of our board directors, executive officers and shareholders who own more than 10% of total outstanding common shares:

<i>Title</i>	<i>Name</i>	<i>Number of shares held as of Dec. 31, 2009</i>	<i>Number of shares held as of Jan. 31, 2010</i>	<i>Changes</i>
Vice Chairman	F. C. Tseng	35,102,675	35,002,675	-100,000
Board Director	Rick Tsai	27,714,505	27,654,505	-60,000
Senior Vice President	Stephen T. Tso	15,085,693	15,055,693	-30,000
Senior Vice President	Mark Liu	13,020,573	13,000,573	-20,000
	Richard			
Vice President	Thurston	2,239,892	1,939,892	-300,000
Vice President	Wei-Jen Lo	2,905,127	2,881,127	-24,000
Vice President	Y. P. Chin	6,189,823	6,184,823	-5,000

2) The pledge and clear of pledge of TSMC common shares by our board directors, executive officers and shareholders who own more than 10% of total outstanding common shares: None.

3) The acquisition of assets:

<i>Description of assets</i>	<i>Purchase price</i>
Manufacturing Equipment	NT\$5,536,882,194
Facility and engineering equipment	NT\$3,904,933,585
Common Shares of Motech Industry Inc. (through private placement)	NT\$6,228,660,822

4) The disposition of assets: None.