

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

March 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 March 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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Taiwan Semiconductor Manufacturing Company Limited  
For the month of February 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 Feb., 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: None
- 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:

*Description of assets*

Manufacturing Equipment

*Purchase price*

NT\$13,013,947,516

Facility and engineering equipment

NT\$3,276,910,944

- 4) The disposition of assets: None.
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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: March 24, 2010

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