

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD  
Form 6-K  
May 11, 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 May 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: May 11, 2010

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

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**TSMC Board of Directors Resolutions**

**Hsinchu, Taiwan, R.O.C. May 11, 2010** TSMC (NYSE: TSM) today held a meeting of the Board of Directors, which passed the following resolutions:

1. Approved capital appropriations of US\$1,051.6 million to expand advanced process capacity at Fab 12 and Fab 14.
2. Approved capital appropriations of US\$385 million to expand and upgrade eight-inch wafer fab capacity.
3. Approved capital appropriations of US\$210 million to build Fab 15 in the Central Taiwan Science Park.
4. Approved the full conversion of TSMC's common shares into paperless form, and set July 13, 2010 as the conversion date.

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**TSMC Spokesperson:**

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CFO  
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