

TAIWAN SEMICONDUCTOR MANUFACTURING CO LTD

Form 6-K

October 09, 2007

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 2007

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 Signs Contract with Atmel to Purchase Eight-inch Wafer Fabrication
Equipment**

Hsinchu, Taiwan, R.O.C. October 9, 2007 TSMC (TSE: 2330, NYSE: TSM) today signed a contract with Atmel Corporation (Nasdaq: ATML) to purchase Atmel's eight-inch wafer fabrication equipment from its fab in North Tyneside, United Kingdom. The deal totalled US\$ 82 million. Both companies agreed not to disclose other terms of this contract.

TSMC is committed to providing our customers with the most competitive foundry services, both in advanced and mature technologies. This transaction is part of our eight-inch wafer strategy, and part of the wafer fabrication equipment may be transferred to TSMC (Shanghai), our fully owned subsidiary in Mainland China, for capacity expansion next year, noted Dr. C.C. Wei, SVP of Operations I at TSMC.

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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 9, 2007

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