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**SECURITIES AND EXCHANGE COMMISSION**

Washington, DC 20549

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**FORM 6-K**

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**REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16 OF  
THE SECURITIES EXCHANGE ACT OF 1934**

For the month of January, 2011

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**ChipMOS TECHNOLOGIES (Bermuda) LTD.**

(Translation of Registrant's Name Into English)

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**No. 1, R&D Rd. 1, Hsinchu Science Park  
Hsinchu, Taiwan  
Republic of China**

(Address of Principal Executive Offices)

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(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, indicate 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.

ChipMOS TECHNOLOGIES (Bermuda) LTD.  
(Registrant)

Date: January 18, 2011

By /S/ S. J. Cheng  
Name: S. J. Cheng  
Title: Chairman & Chief Executive Officer

**Contacts:**In Taiwan R.O.C.

Dr. S.K. Chen  
 ChipMOS TECHNOLOGIES (Bermuda) LTD.  
 +886-6-507-7712  
[s.k.chen@chipmos.com](mailto:s.k.chen@chipmos.com)

In the U.S.

Chesha Gibbons  
 Director of Investor Relations  
 +1-415-730-1307  
[chesha\\_gibbons@chipmos.com](mailto:chesha_gibbons@chipmos.com)

David Pasquale  
 Global IR Partners  
 +1-914-337-8801  
[dpasquale@globalirpartners.com](mailto:dpasquale@globalirpartners.com)

**ChipMOS REPORTS DECEMBER 2010 AND 4Q10 REVENUE**

**Hsinchu, Taiwan, January 18, 2011** - ChipMOS TECHNOLOGIES (Bermuda) LTD. (“ChipMOS” or the “Company”) (NASDAQ: IMOS) today reported its unaudited consolidated revenue for the month and quarter ending December 31, 2010.

Revenue for the month of December 2010 was NT\$1,520.6 million or US\$52.2 million, an increase of 9% from the month of November 2010 and an increase of 19.3% from the same period in 2009. On a quarterly basis, revenue for the fourth quarter of 2010 was NT\$4,322.6 million or US\$148.3 million, a decrease of 8.4% from the third quarter of 2010 and an increase of 20.4% from the same period in 2009. Fourth quarter revenue is consistent with overall semiconductor market trends and inline with prior guidance provided on November 15, 2010 for 4Q10 revenue indicating a decline by approximately 6% to 12% compared to 3Q10. All U.S. dollar figures in this release are based on the exchange rate of NT\$29.14 to US\$1.00 as of December 30, 2010.

**Consolidated Monthly Revenues (Unaudited)**

	<u>December 2010</u>	<u>November 2010</u>	<u>December 2009</u>	<u>MoM Change</u>	<u>YoY Change</u>
Revenues (NT\$ million)	1,520.6	1,394.8	1,274.7	9.0%	19.3%
Revenues (US\$ million)	52.2	47.9	43.7	9.0%	19.3%

**Consolidated Quarterly Revenues (Unaudited)**

	<u>Fourth Quarter 2010</u>	<u>Third Quarter 2010</u>	<u>Fourth Quarter 2009</u>	<u>QoQ Change</u>	<u>YoY Change</u>
Revenues (NT\$ million)	4,322.6	4,717.2	3,589.8	-8.4%	20.4%
Revenues (US\$ million)	148.3	161.9	123.2	-8.4%	20.4%

ChipMOS’ December 2010 consolidated revenues included revenues of ChipMOS TECHNOLOGIES INC., ChipMOS U.S.A., Inc., MODERN MIND TECHNOLOGY LIMITED and its wholly-owned subsidiary ChipMOS TECHNOLOGIES (Shanghai) LTD., and ThaiLin Semiconductor Corp.

**About ChipMOS TECHNOLOGIES (Bermuda) LTD.:**

ChipMOS (<http://www.chipmos.com>) is a leading independent provider of semiconductor testing and assembly services to customers in Taiwan, Japan, and the U.S. With advanced facilities in Hsinchu and Southern Taiwan Science Parks in Taiwan and Shanghai, ChipMOS and its subsidiaries provide testing and assembly services to a broad range of customers, including leading fabless semiconductor companies, integrated device manufacturers and independent semiconductor foundries.

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**Forward-Looking Statements**

*Certain statements contained in this announcement may be viewed as “forward-looking statements” within the meaning of Section 27A of the U.S. Securities Act of 1933, as amended, and Section 21E of the U.S. Securities Exchange Act of 1934, as amended. Such forward-looking statements involve known and unknown risks, uncertainties and other factors, which may cause the actual performance, financial condition or results of operations of the Company to be materially different from any future performance, financial condition or results of operations implied by such forward-looking statements. Further information regarding these risks, uncertainties and other factors is included in the Company’s most recent Annual Report on Form 20-F filed with the U.S. Securities and Exchange Commission (the “SEC”) and in the Company’s other filings with the SEC.*