

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)

	December 2010	November 2010	December 2009	MoM Change	YoY Change
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)

	Fourth Quarter 2010	Third Quarter 2010	Fourth Quarter 2009	QoQ Change	YoY Change
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.

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.

Contacts:

In Taiwan R.O.C.
Dr. S.K. Chen
ChipMOS TECHNOLOGIES (Bermuda) LTD.
+886-6-507-7712
s.k. chen@chipmos.com

In the U.S. Chesha Gibbons Director of Investor Relations +1-415-730-1307 chesha_gibbons@chipmos.com

David Pasquale Global IR Partners +1-914-337-8801 dpasquale@globalirpartners.com