



## **ChipMOS /Bermuda Launches Breakthrough DDR2 Assembly and Testing Technology**

The Company first in Taiwan to offer complete back-end turnkey solutions for DDR2

Hsinchu, Taiwan, August 19, 2003 - ChipMOS TECHNOLOGIES (Bermuda) LTD. (Nasdaq: IMOS) ("ChipMOS/Bermuda") today announced the commercial launch of its DDR2 assembly and testing solution, making it the first company in Taiwan to offer complete back-end turnkey solutions for DDR2.

DDR2 (Double Data Rate Generation II), to be introduced in 2004 and expected to become the standard bearing product by 2005, is a next generation high performance memory product that offers increased bandwidth and density in a smaller FBGA package, using reduced power consumption. In meeting the formidable challenges posted by FBGA packaging, the Company, together with its partners, has earlier patented a breakthrough technology known as Printable B-Stage Epoxy, which has since been applied into the production. As for the high-speed pulse testing required by DDR2, the Company has devised a two-pronged strategy - while continuing to procure new tester platforms when deemed necessary, it will also upgrade the capabilities of existing testers, thereby minimizing on production costs and ensuring speedy delivery of its testing capabilities. In fact, ChipMOS currently achieves an assembly yield of more than 99.85%, with its reliability reaching JEDEC Level 3.

"We are pleased with the fact that ChipMOS is the first assembly and testing company in Taiwan to be equipped to provide complete back-end turnkey solutions for DDR2, " said S.J. Cheng, Deputy Chairman and Chief Executive Officer of ChipMOS/Bermuda.

About ChipMOS TECHNOLOGIES (Bermuda) LTD.: ChipMOS/Bermuda is a leading provider of semiconductor testing and assembly services to customers in Taiwan, Japan and the U.S. With advanced facilities in the Hsinchu and Tainan Science-Based Industrial Parks in Taiwan, ChipMOS/Bermuda 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. For more information, please visit its company website at <http://www.chipmos.com.tw/>