



News Release

FOR IMMEDIATE RELEASE

Elpida Memory's 512 Megabit Mobile RAM™ Device Fits in Smaller Package for 3G Phones

*90 nm Process Technology Enables Smaller Die Size, Easier
Implementation in Multi-Chip-Package and System-in-Package
Designs*

TOKYO, JAPAN, July 13, 2005 –Elpida Memory, Inc. (Elpida), Japan's leading global supplier of Dynamic Random Access Memory (DRAM), today announced that it has started shipping samples of small form-factor, 512 Megabit Mobile RAM devices for high-performance, 3G cellular applications. By utilizing 90 nm process technology, Elpida can now offer customers 512 Megabit Mobile RAM devices with a smaller and square die for easier implementation into Multi-Chip Package (MCP) and System-in-Package (SiP) designs which require 11 x 11 mm packages or smaller to save valuable board space.

“As feature-rich cellular phones become more mainstream, the demand for high-density Mobile RAM is steadily increasing,” said Akira Yabu, manager of Technical Marketing at Elpida Memory (USA). “Elpida’s 512 Megabit devices with 90 nm design geometry are ideal for supporting handset systems with real-time operating systems such as Linux, Symbian or Windows CE that require high-density memory, but have limited space.”

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Elpida's 512 Megabit Mobile RAM—Technical Details

Elpida's 512 Megabit Mobile RAM devices (Part numbers: ECK5416CBC1, ECK5132CBCN, ECK5432CBC1, ECL5416CBC1, ECL5432CBC1) are organized as 16M words x 32-bits or 32M words x 16-bits, respectively, and they are available in either SDR or DDR architectures depending on application performance requirements.

Elpida plans to expand its 90 nm line up by adding 128 Megabit and 256 Megabit Mobile RAM products later this year. Elpida also offers volume production on a variety of 90 nm DDR2 SDRAM products for the server market.

Availability

Elpida's 512 Megabit Mobile RAM devices are currently sampling to customers. Volume production is planned for the 3rd quarter of 2005.

About Elpida Memory, Inc.

Elpida Memory, Inc. is a manufacturer of Dynamic Random Access Memory (DRAM) silicon chips with headquarters based in Tokyo, Japan, and sales and marketing operations located in Japan, North America, Europe and Asia. Elpida's state-of-the-art semiconductor wafer manufacturing facilities are located in Hiroshima, Japan. Elpida offers a broad range of leading-edge DRAM products for high-end servers, mobile phones, digital television sets and digital cameras as well as personal computers. Elpida had sales of ¥207.0 billion during the fiscal year ending March 31, 2005. For more information, visit www.elpida.com.

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The information contained within this news release, is current as of the date of release. Please note that the information herein may be revised later without prior notice.

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