



News Release

FOR IMMEDIATE RELEASE

Elpida Memory's 512 Megabyte DDR2 SO-DIMMs Offer Low-Power Operation, Improved Thermal Performance for Notebook Applications

New Modules Use Next-Generation 512 Megabit DDR2 Devices that Reduce Operating Current by 30%

TOKYO, JAPAN, May 24, 2005 –Elpida Memory, Inc. (Elpida), Japan's leading global supplier of Dynamic Random Access Memory (DRAM), today announced its 512 Megabyte DDR2 Small-Outline Dual In-line Memory Modules (SO-DIMMs). The modules utilize next-generation 512 Megabit DDR2 SDRAM devices that realize a 30% reduction in IDD0 current (155mA to 110mA) compared to previous generation devices to achieve lower-power operation, improved thermal performance and extended battery life in portable applications including notebooks.

"Elpida's 512 Megabyte, low-power, small-outline modules are based on DDR2 SDRAM devices with a reduced operating current," said Jun Kitano, director of Technical Marketing for Elpida Memory (USA). "Therefore, our SO-DIMMs meet customer demand for better thermals—an essential characteristic for notebooks where board space is a premium and extended battery life is crucial."

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Elpida's 512 Megabyte SO-DIMMs – Technical Details:

Elpida 512 Megabyte DDR2 SO-DIMMs (Part numbers: EBE52UD6AFSA-6E-E: PC2-5300, EBE52UD6AFSA-5C-E: PC2-4200, EBE52UD6AFSA-4A-E: PC2-3200) are available in three speed grades, DDR2-667 (CL=5-5-5), DDR2-533 (CL=4-4-4) and DDR2-400 (CL=3-3-3) respectively, and they are organized as 64M words x 64-bits x 2 Ranks. The modules are composed of 8 pieces of x16 512 Megabit DDR2 SDRAM produced using 100 nm process and assembled in 200-pin JEDEC-standard packages. The devices mounted on modules have a 1.8 Volt operation and a burst length of 4 or 8.

Availability

Elpida 512 Megabyte DDR2 SO-DIMMs (Part numbers: EBE52UD6AFSA-6E-E, EBE52UD6AFSA-5C-E, EBE52UD6AFSA-4A-E) are currently available in samples. Volume production is expected in July 2005.

Note to Editors: High-resolution photo is available.

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.

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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