



## News Release

**FOR IMMEDIATE RELEASE**

### **Elpida Memory's 1.8 Volt, 256 Megabit Digital Consumer DRAM Delivers Lower Power Consumption for Handheld Applications**

*New Devices Offer x32-bit Configuration and 50% Power Reduction for Improved Performance*

**TOKYO, JAPAN, May 31, 2005** –Elpida Memory, Inc. (Elpida), Japan's leading global supplier of Dynamic Random Access Memory (DRAM), today announced a new 1.8 Volt, 256 Megabit SDRAM device suitable for use in battery-operated products such as digital still cameras, digital video cameras and other handheld applications that require lower power operation as well as higher density. The new devices also support a x32-bit configuration to deliver high-speed performance within a small form-factor package that minimizes board space. The new 1.8 Volt 256 Megabit SDRAM device provides a 50 percent reduction in power versus similar SDRAM products at 2.5 Volt operation.

*"The latest digital consumer electronics require a higher density, higher speed DRAM to power advanced multimedia functions," said Jun Kitano, director of Technical Marketing at Elpida Memory (USA). "Elpida's x32-bit 256 Megabit Digital Consumer DRAM delivers the bandwidth needed for next-generation handheld devices and its 1.8 Volt operation significantly extends battery life and meets the restricted space requirements demanded by customers in the consumer electronics space."*

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**Elpida's 256 Megabit Digital Consumer DRAM—Technical Details:**

Elpida's 256 Megabit SDRAM devices (Part numbers: EDS2532EEBH-\*\*-E; EDS2532JEBH-\*\*-E) are organized as 8M words x 32-bits and support 1.8 Volt or 2.5 Volt operation, respectively, and they operate at frequencies up to 166 MHz. The 256 Megabit SDRAM devices are produced using advanced 0.10-micron process technology and are available in FBGA packages or as a bare die suitable for use in System-in-Package (SiP) or Multi-Chip Package (MCP) designs.

**Availability:**

Elpida's 256 Megabit SDRAM devices (Part numbers: EDS2532EEBH-\*\*-E; EDS2532JEBH-\*\*-E) will be available as samples in June 2005. Volume is anticipated for September 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](http://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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