



News Release

Elpida Memory Begins World's First Mass Production of DRAM Using 70nm Process Technology 1-Gigabit, 512-Megabit DDR2 SDRAM and Other Products Planned

TOKYO, JAPAN, December 25, 2006 – Elpida Memory, Inc. (Elpida), Japan's leading global supplier of Dynamic Random Access Memory (DRAM), announced today that it has begun mass production of the DRAM industry's first 1-Gigabit and 512-Megabit DDR2 SDRAMs using 70-nanometer process technology. Manufacturing will be done at its main fab facility, Hiroshima Elpida Memory, Inc.

Elpida, a leading provider of advanced DRAM products, is currently realizing high yields and productivity from its 90nm process technology used in mass production. The technology that has made those achievements possible has been applied to the development of the more advanced 70nm process technology.

A 1-Gigabit and 512-Megabit DDR2 SDRAM using 70nm process technology can be used in many applications, including high-end servers that need to process large amounts of data, high-performance mobile equipment, high definition digital TVs, next-generation DVD recorders, digital single-lens reflex cameras and other digital consumer equipment that must have advanced image processing capabilities.

The 70nm process technology enables 800MHz and 1GHz speed functionality in combination with high-performance operations, but it also provides for a reduction in chip size allowing incrementally more chips per DRAM wafer which increases productivity and volume overall. Among 512-Megabit products, the technology has made possible the world's smallest chip size for a 512-Megabit DDR2 SDRAM.

Production of DDR2 SDRAM using 70nm processing has already started, and the first product shipments are expected to begin in the first quarter of 2007.

Elpida plans to make aggressive use of its new 70nm process technology in the production of Mobile RAM™ for mobile phones and other mobile equipment and in memory products used in high-end digital consumer equipment and across the entire server/PC market.

About Elpida Memory, Inc.

Elpida Memory, Inc., (Tokyo Stock Exchange Code 6665), is a leading manufacturer of Dynamic Random Access Memory (DRAM) silicon chips. Our design, manufacturing, and sales operations are backed by our world class technology expertise. Our manufacturing facilities, Hiroshima Elpida Memory, Inc. (front-end processes) and Akita Elpida Memory, Inc. (back-end processes), utilize the most advanced manufacturing technologies available in the industry. Further, we have customer sales and marketing support offices in Japan, North America, Europe, Taiwan and Singapore including our new location servicing Shanghai China. Elpida's portfolio of advanced products features such characteristics as high-density, high-speed, low power and small packing profiles. We provide applications across a wide range of areas, including high-end servers, mobile phones and digital consumer electronics. For more information about Elpida, please visit <http://www.elpida.com>.

Mobile RAM is a trademark of Elpida Memory, Inc.

Information in this news release is current as of the timing of the release, but may be revised later without notice.

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