



News Release

FOR IMMEDIATE RELEASE

Elpida Completes Development of 65nm XS Version 1-Gigabit DDR3 SDRAM

Similar in Cost to 50nm Process (ArF Immersion) Using ArF Dry Scanners

Tokyo, Japan, December 17, 2009 – Elpida Memory, Inc. (TOKYO: 6665), Japan’s leading global supplier of Dynamic Random Access Memory (DRAM), today announced that it had completed development of a 65nm XS extra-shrink version 1-Gigabit DDR3 SDRAM that is as cost-competitive as 50nm process memory devices.

In response to the slump in the DRAM market that has lasted since 2008, Elpida is taking a two-track R&D approach that focuses on conventional process migration and on layout innovations that reduce the cost of capital investment. Along with migrating to advanced processes such as 50nm and 40nm the company is developing shrunken chip versions through extensive use of existing ArF dry scanner equipment. As a result, a 65nm S shrink version was developed in 2008 and now a 65nm XS extra-shrink version has been completed.

The 65nm XS is a smaller version of the already shrunken 65nm S and delivers 25% more chips per 300mm wafer compared with its predecessor. In addition to its extremely small chip size the XS shortens the manufacturing process and helps to greatly reduce equipment costs through the use of ArF dry scanner equipment. Chips costs are comparable to 50nm process products.

The new 65nm XS version 1-Gigabit DDR3 SDRAM will target the PC and server DRAM market. Mass production is scheduled to begin in the first quarter of 2010.

About Elpida

Elpida Memory, Inc. (Tokyo: 6665) is a leading manufacturer of Dynamic Random Access Memory (DRAM) integrated circuits. The company’s design, manufacturing and sales operations are backed by world class technological expertise. Its 300mm manufacturing facilities, consisting of its Hiroshima Plant and a Taiwan-based joint venture, Rexchip Electronics, utilize the most advanced manufacturing technologies available. Elpida’s portfolio features such characteristics as high-density, high-speed, low power and small packaging profiles. The company provides DRAM solutions across a wide range of applications, including high-end servers, mobile phones and digital consumer electronics. More information can be found at <http://www.elpida.com>.

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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