



## Micron Shrinks DRAM Process Technology, Achieving the World's Smallest 1 Gigabit DDR2 Memory Chip

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**Boise, Idaho , Wednesday, December 12, 2007** – Micron Technology, Inc., today announced production sampling of its new 1Gb DDR2 device fabricated on 68-nanometer (nm) DRAM process technology. The new process, coupled with Micron's 6F<sup>2</sup> technology, has enabled the world's smallest production 1Gb DDR2 memory with a die size of just 56mm<sup>2</sup>. Mass production of its new 68nm 1 Gb DDR2 products is expected to begin early next year, with DDR3 and other low-power DRAM products expected to follow in the second half of the year.

"Micron continues leading the world in development of advanced memory technology," said Brian Shirley, vice president of Micron's memory group. "Our 68nm process technology offers our customers best-in-class die sizes, power and speed benefits for their most demanding applications."

This new advanced memory technology will be targeted at server, mobile and other computing applications where the benefits of reduced die size, faster speeds and lower power consumption are most critical. Upcoming DDR3 products developed on the new process will allow for speeds up to 1600 megabits per second (Mbps). The 68nm process also provides approximately 20 percent lower power consumption when compared to previous process generations. Future DDR3 chips designed on the 68nm process will join Micron's Aspen Memory® family of energy-efficient products, which are specifically designed for applications where power reduction is desired such as data center servers and notebook computers.

### About Micron

Micron Technology, Inc., is one of the world's leading providers of advanced semiconductor solutions. Through its worldwide operations, Micron manufactures and markets DRAMs, NAND flash memory, CMOS image sensors, other semiconductor components, and memory modules for use in leading-edge computing, consumer, networking, and mobile products. Micron's common stock is traded on the New York Stock Exchange (NYSE) under the MU symbol. To learn more about Micron Technology, Inc., visit [www.micron.com](http://www.micron.com).

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*This press release contains forward-looking statements regarding the production of the 68-nanometer process technology. Actual events or results may differ materially from those contained in the forward-looking statements. Please refer to the documents the Company files on a consolidated basis from time to time with the Securities and Exchange Commission, specifically the Company's most recent Form 10-K and Form 10-Q. These documents contain and identify important factors that could cause the actual results for the Company on a consolidated basis to differ materially from those contained in our forward-looking statements (see Certain Factors). Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. We are under no duty to update any of the forward-looking statements after the date of this press release to conform to actual results.*

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