



December 10, 2013

Micron's High-Density 45nm Serial NOR Flash Doubles Programming Speed for Embedded Applications

New Serial NOR Family-Including Industry's First 2Gb Serial NOR Device-Offers Improved Performance in a Small Footprint

BOISE, Idaho, Dec. 10, 2013 (GLOBE NEWSWIRE) -- Micron Technology, Inc. (Nasdaq:MU), today announced the availability of 45nm Serial NOR Flash memory samples in 512Mb, 1Gb, and 2Gb densities with a standard SPI interface. These new MT25Q SPI NOR devices offer a cost-effective solution with high performance, enhanced security and drop-in compatibility with legacy NOR devices, enabling high-density SPI NOR adoption in consumer, automotive, industrial and networking applications.

Micron's MT25Q devices satisfy embedded application requirements with best-in-class 2 MB/s programming speed. In addition, MT25Q devices offer improved erase performance and 66 MB/s read performance, enabling fast updates and boot performance for embedded systems. The MT25Q family also offers the industry's first serial NOR 2Gb device in a 6mm x 8mm BGA package, which is the smallest package available in the market today.

"The introduction of our new SPI NOR family reconfirms Micron's commitment to NOR technology and further enables us to continuously meet customer needs," said Jeff Bader, vice president of Micron's Embedded Solutions Marketing. "As customers increasingly move to higher-density NOR designs, our MT25Q product line, with 2 MB/s programming speed, supports the need for improved performance, higher manufacturing efficiency and a small footprint."

MT25Q SPI NOR devices will also maximize design flexibility and minimize redesigns thanks to Micron's long lifecycle support.

Micron partners with major ecosystem players to enable the MT25Q SPI NOR solutions and help make them the best choice for new and existing application designs.

Samples of the MT25Q devices are available today in BGA and SO16W packages.

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About Micron

Micron Technology, Inc., is a global leader in advanced semiconductor systems. Micron's broad portfolio of high-performance memory technologies—including DRAM, NAND and NOR Flash—is the basis for solid state drives, modules, multichip packages and other system solutions. Backed by more than 35 years of technology leadership, Micron's memory solutions enable the world's most innovative computing, consumer, enterprise storage, networking, mobile, embedded and automotive applications. Micron's common stock is traded on the NASDAQ under the MU symbol. To learn more about Micron Technology, Inc., visit www.micron.com.

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CONTACT: PR CONTACT:

Mary Ellen Ynes

Zeno Group for Micron Technology

650-801-7954

MaryEllen.Ynes@zenogroup.com