



Micron Introduces Industry's Smallest 128-Gigabit NAND Flash Device

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Key Messages:

- New 128Gb TLC NAND device is more than 25% smaller than company's same-capacity MLC NAND device
- Utilizes Micron's award-winning 20-nanometer (nm) process technology
- Targeted at cost-competitive removable storage applications, including flash cards and USB drives

BOISE, Idaho, Feb. 14, 2013 (GLOBE NEWSWIRE) -- Micron Technology, Inc. (Nasdaq:MU) today introduced the industry's smallest 128-gigabit (Gb) NAND flash memory device utilizing its award-winning 20-nanometer (nm) process technology. The new 128Gb device stores three bits of information per cell, called triple-level-cell (TLC), creating a highly compact storage solution.

Measuring 146mm², the new 128Gb TLC device is more than 25 percent smaller than the same capacity of Micron's 20nm multi-level-cell (MLC) NAND device. The 128Gb TLC device is targeted at the cost-competitive removable storage market (flash cards and USB drives), which is projected to consume 35 percent of total NAND gigabytes in calendar 2013.¹ Micron is now sampling the 128Gb TLC NAND device with select customers; it will be in production in calendar Q2.

"This is the industry's smallest, highest-capacity NAND flash memory device—empowering a new class of consumer storage applications," said Glen Hawk, vice president of Micron's NAND Solutions Group. "Every day we learn of new and innovative use cases for flash storage, underpinning the excitement and opportunity for Micron. We are committed to enriching our portfolio of leading Flash storage solutions that serve our broad customer base."

Micron is presenting a paper on the 128Gb TLC NAND device at the upcoming International Solid-State Circuits Conference (ISSCC) on Feb. 19 at 3:15 p.m. PST, in San Francisco, California.

¹Source: Micron Marketing, projecting gigabytes consumed

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About Micron

Micron Technology, Inc., is one of the world's leading providers of advanced semiconductor solutions. The company transforms foundational memory technologies—including DRAM, NAND Flash and NOR Flash—into innovative solutions such as solid-state drives (SSDs) and storage appliances, modules, multi-chip packages and other semiconductor systems. Micron's worldwide operations design, manufacture and market these solutions for use in leading-edge computing, consumer, enterprise servers and storage, networking, embedded and mobile products. 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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