



## Silicon Motion to Showcase Its Latest FerriSSD(R) Single-Package SSD and New SATAII/III SSD Controllers at Flash Memory Summit

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TAIPEI, Taiwan, Aug. 17, 2012 (GLOBE NEWSWIRE) -- Silicon Motion Technology Corporation (Nasdaq:SIMO) ("Silicon Motion" or the "Company"), a global leader in designing and marketing NAND flash controllers for solid state storage devices, today announced that it will be presenting at the upcoming Flash Memory Summit in Santa Clara, CA from August 21 to 23 and will be introducing several new products at the event. These new products include: the Company's latest generation FerriSSD<sup>®</sup>, a single-package Solid State Drive; SM2244LT, the world's smallest SATAII SSD controller that incorporates Advanced Encryption Standard (AES128/256); and SM2246, a high-performance controller with SATAIII interface that is targeted at client SSDs and NAND-cache solutions used in PCs.

Jeff Yang, Principal Engineer of Silicon Motion's Algorithm & Technology team, will be speaking about "Novel ECC Architecture Enhances Embedded Storage System Reliability" at the Flash Memory Summit, as part of the Tutorial (E-22) on "Controllers and Flash Technology: Decoding the Future". In his presentation, Jeff will discuss the future trend of MLC and TLC NAND flash and new ECC architectures that can be used to improve the performance of MLC and TLC NAND flash. These new ECC architectures use several types of advanced data recovery methods that can be embedded within a controller to overcome noise problems and dramatically extend device endurance and data retention, offering the greatest flexibility for future generations of NAND flash. This presentation will take place on Wednesday, August 22 from 3:10pm-5:30pm.

Products to be introduced by the Company at Flash Memory Summit include:

**FerriSSD<sup>®</sup>**—FerriSSD<sup>®</sup> is the world's most advanced BGA SSD with standard SATA/PATA interface. The second generation FerriSSD<sup>®</sup> embeds proprietary XtendPE technology for enhanced reliability, encryption security and low power consumption. Available in 1GB to 64GB density, FerriSSD<sup>®</sup> exceeds the most rigorous temperature and environmental requirements and is the ideal storage solution for industrial applications.

**SM2244LT**—SM2244LT is a high-performance SATAII SSD controller and is one of the most versatile embedded controller solutions in the market today for embedded systems, industrial SATA DOMs, CFast cards and low-cost SATA storage for mobile devices. SM2244LT supports high-speed synchronous mode NAND, including Toggle mode 1.0 and ONFi 2.x interface, does not require the use of external DRAM and enables device makers to use either MLC or lower cost TLC NAND flash. SM2244LT is one of the industry's best performing, low-cost SATAII controllers today delivering unparalleled reliability, performance and low power consumption.

**SM2246**—SM2246 is a high-performance SATAIII SSD controller ideally suited for both client SSDs as well as NAND-cache drives used in low-cost, performance-enhancing hybrid storage solutions for PCs, Ultrabooks and tablets. SM2246 supports the most advanced high-speed synchronous mode NAND, including Toggle 2.0 and ONFi 3.0, and the latest generation NAND flash for low-cost SSD solutions. In addition, SM2246 incorporates the latest security protocols and is AES 128/256 and Trusted Computing Group (TCG) Opal full-drive encryption compliant. SM2246 samples will be available in 4Q 2012.

Silicon Motion has been a sponsor of Flash Memory Summit for three consecutive years and will be presenting at this conference for the fifth consecutive year. Flash Memory Summit attendees are invited to join our staff to learn more about our products at booth #600. For more information regarding FerriSSD<sup>®</sup> and our SSD controllers, please visit the company's web site at <http://www.siliconmotion.com>.

### *About Silicon Motion:*

We are a fabless semiconductor company that designs, develops and markets high performance, low-power semiconductor solutions for the multimedia consumer electronics market. We have two major product lines, mobile storage and mobile communications. Our mobile storage business is composed of microcontrollers used in NAND flash memory storage products such as flash memory cards, USB flash drives, SSDs, and embedded flash applications. Our mobile communications business is composed primarily of handset transceivers and mobile TV IC solutions.

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