



## Silicon Motion Demonstrates its SSD Controller Leadership at 2015 Flash Memory Summit

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MILPITAS, Calif., Aug. 10, 2015 /PRNewswire/ -- Silicon Motion Technology Corporation (NasdaqGS: SIMO) ("Silicon Motion"), a global leader in designing and marketing NAND flash controllers for solid-state storage devices, today announced it will be presenting at the upcoming Flash Memory Summit in Santa Clara, CA from August 11<sup>th</sup> to 13<sup>th</sup> and will be showcasing an array of SSD solutions at booth #313, including the award winning SM2246EN SATA 6Gb/s SSD solutions, the new products using SM2256, the world's first turnkey SSD controller supporting TLC NAND and the new SM2260 PCIe 3.0 SSD controller.

Products showcasing at Silicon Motion's Flash Memory Summit booth include:

### PCIe 3.0 NVMe 1.2 SSD Controller- SM2260

The SM2260 is the first turnkey merchant PCI Express (PCIe) 3.0 Non-Volatile Memory Express (NVMe) 1.2 solid-state drive (SSD) controller solution supporting MLC, TLC and 3D NAND. The SM2260 delivers PCIe-level performance with low power consumption and features four 8 gigabit-per-second (Gbps) lanes (PCIe Gen 3.0 x4) of simultaneous data flow coupled with eight NAND channels. It is designed with fourth-generation NANDXtend™ technology, enabling the SM2260 to support 1y/1z nm TLC NAND as well as the upcoming 3D NAND technologies from all major NAND suppliers. The SM2260 solution optimizes hardware and software to take full advantage of the NVMe 1.2 SSD standard, offering high performance and reliability while delivering more cost-effective PCIe SSDs for computing systems, ultra-portables and tablets.

### TLC SSD Controller- SM2256

The SM2256 is the world's first and only turnkey merchant SATA 6Gb/s SSD controller solution supporting 1y/1z nm TLC NAND and the upcoming 3D NAND from all major NAND suppliers. Leveraging Silicon Motion's proprietary NANDXtend™ error-correcting code (ECC) technology (which triples the P/E cycles for TLC NAND), the SM2256 delivers unparalleled, no-compromise performance, endurance and reliability for cost-effective, TLC-based SSDs.

### MLC SSD Controllers- SM2246EN and SM2246XT

The SM2246EN is an ultra high-performance and low power SATA 6Gb/s SSD controller supporting 1y/1z nm MLC NAND from all major NAND suppliers. The SM2246EN's performance and power consumption specifications place it squarely among the top SATA SSD controllers on the market.

The SM2246XT is a DRAM-less SATA 6Gb/s SSD controller ideally suited for cost-effective, small form factor and low power client SSDs and industrial storage solutions. Combined, the SM2246EN and SM2246XT controllers power more than 70 SSDs available in the market today.

### Industrial Grade Single Package SSD and eMMC Solutions- FerriSSD® and Ferri-eMMC®

The FerriSSD® and Ferri-eMMC® are optimally designed for a wide range of embedded applications, such as server, thin client, POS, office automation, HMI devices, factory automation, gaming, medical equipment, surveillance and in-vehicle infotainment systems. FerriSSD and Ferri-eMMC come with advanced firmware features including error correction, bad block management and NAND health monitoring, while supporting customized firmware, enabling highly reliable and differentiated storage solutions.

In addition, Silicon Motion representatives will present at the following forums at Flash Memory Summit:

**Forum C-12: SSD Technology (Tuesday, August 11, 3:15pm-5:45pm):** Stanley Huang, Director of Product Marketing of Silicon Motion, will be presenting "DRAM-Less SSD Facilitates HDD Replacement" as part of Forum C-12.

**Forum E-22: Controllers and Flash Technology Part 2: Decoding the Future (Wednesday, August 12, 3:10pm to 5:45pm):** Jeff Yang, Principal Engineer of Silicon Motion's Algorithm & Technology team, will be speaking about "New ECC/DSP Solution Helps Migration to 3D NAND Era" as part of Forum E-22.

**Session 204-B: Embedded Applications, Part 2 (Wednesday, August 12, 4:30pm-5:45pm):** Jason Chien, Product Marketing Manager of Silicon Motion, will be presenting "Tailor-Made SSDs to Excel in Specified Storage Fields" as part of Session 204-B.

For more information on Silicon Motion, please go to <http://www.siliconmotion.com>.

### About Silicon Motion:

We are a fabless semiconductor company that designs, develops and markets high performance, low-power semiconductor solutions to OEMs and other customers in the mobile storage and mobile communications markets. For the mobile storage market, our key products are microcontrollers used in solid state storage devices such as SSDs, eMMCs and other embedded flash applications, as well as removable storage products. For the mobile communications market, our key products are handset transceivers and mobile TV IC solutions. Our products are widely used in smartphones, tablets, and industrial and commercial applications. For further information on Silicon Motion, visit [www.siliconmotion.com](http://www.siliconmotion.com).

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