



Silicon Motion Demonstrates Embedded Storage and Graphics Products at 2016 Embedded World

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MILPITAS, Calif., Feb. 19, 2016 /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 exhibiting at Stand 160 Hall 1 during the upcoming Embedded World in Nuremberg, Germany from February 23rd to 25th and will be showcasing an array of embedded storage and graphics solutions for automotive, industrial and IoT applications.

Products showcasing at Silicon Motion's booth include:

Ferri-eMMC[®] Solution

The Ferri-eMMC Solution combines NAND flash memory, an embedded microcontroller with firmware in a cost-effective, form-factor compliant with the JEDEC/eMMC v4.5 and v5.0 interface and protocol standards. The optimally designed Ferri-eMMC is useful for a wide range of applications and is AEC-Q100 qualified for automotive requirements. Based on proven Silicon Motion eMMC controller and firmware technologies, it features advanced NAND management, error correction, bad block management, and health monitoring. All of these features combine to give the Ferri-eMMC the power to deliver more robust data integrity and protection unprecedented in the market. The Ferri-eMMC is the most advanced storage solution for today's cutting-edge automotive, industrial embedded applications.

FerriSSD[®] Solution

The FerriSSD is designed optimally for a wide range of embedded applications requiring faster access, small form factor and reliable SATA/PATA storage. It combines industry proven controller technology, NAND flash and passive components into a single BGA package with 1.0mm ball-pitch size. FerriSSD comes with advanced firmware features such as protection against sudden power loss, instant data recovery, error correction, bad block management, cell health monitoring, and automatic recovery. FerriSSD simplifies design efforts, reduces time-to-market while protecting from NAND technology migration concerns.

Osprey Visual IoT Platform

The Osprey Visual IoT Platform's all-in-one-package design is based on the Intel Quark SoC X1000 and includes Silicon Motion's SM750 embedded graphics controller and Ferri eMMC storage solution in a compact 123mm x 123mm package. The Intel[®] Quark X1000 SoC provides a robust set of standard I/O interfaces, such as Ethernet, USB Host, USB Client, UART, SPI, I2C and GPIOs. Silicon Motion's SM750 embedded graphics enables multiple high-definition display outputs, while Ferri-eMMC provides best-in-class storage performance with industry compliance to the eMMC/JEDEC 4.5 standard. The Osprey Visual IoT Platform is ideally suited to power-connected devices and Internet of Things (IoT) components, including POS/kiosk, factory automation, digital signage and portable medical devices that require high reliability and power efficiency.

About Silicon Motion:

We are a fabless semiconductor company that designs, develops and markets solutions for mobile storage and mobile communications markets. For the mobile storage market, our key products are controller ICs used in embedded storage devices such as SSDs and eMMCs and in expandable storage devices. For the mobile communications market, our key products include mobile TV SoCs and other specialty RF ICs. Our products are widely used in smartphones, tablets, and industrial, enterprise and commercial applications. For further information on Silicon Motion, visit www.siliconmotion.com.

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To view the original version on PR Newswire, visit: <http://www.prnewswire.com/news-releases/silicon-motion-demonstrates-embedded-storage-and-graphics-products-at-2016-embedded-world-300219954.html>

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