

## TRRUST-Stor Series 200 SSD Delivers Superior Data Protection in Mobile Video Surveillance Operations, SANs and Other Information-sensitive Applications

ALISO VIEJO, Calif.—July 30, 2013—Microsemi Corporation (Nasdaq: MSCC), a leading provider of semiconductor solutions differentiated by power, security, reliability and performance, today announced the world's only secure, half-terabyte (TB) solid state drive (SSD) for mobile video surveillance operations, storage area networks (SANs) and other high capacity storage applications requiring superior real-time data protection. The ruggedized TRRUST-Stor™ Series 200 2.5" SATA SSD operates at sustained 200 megabytes per second (MB/s) and delivers the industry's fastest full-hardware-based erase time of less than 10 seconds. The self-encrypting, half-terabyte SSD is available now and currently shipping to multiple customers to support applications requiring massive secure storage capacity.

"Data storage security and reliability are primary defenses in the battle to protect critical information from loss or breach that can put individuals, companies, organizations and nations at high risk," said Charlie Leader, general manager for Microsemi's Power Management Group. "Our TRRUST-Stor drives are built for extreme reliability and data integrity, and are the most secure, most reliable SSDs available on the market. We also leveraged our miniaturization technology to create an SSD only 9.5 millimeters in height that meets small form factor parameters required for SANs."

The half-terabyte TRRUST-Stor SSD provides military-grade ruggedization as well as unparalleled safeguards and processes for physical data storage with multiple layers of security features. The suite of industry-leading features prevents corruption and unauthorized access with hardware- and software-based barriers. The drive features a built-in compact in-line encryptor with hardware-implemented, NIST-certified AES 256 encryption using the XTS block cipher mode.

Ruggedization features include superior error correction, 9 petabytes write endurance, power loss protection and more than 2 million hours mean time between failure (MTBF). Enhanced mechanical construction ensures operation in extreme temperatures, humidity, shock and vibration.

The TRRUST-Stor Series 200 is powered by Microsemi's second generation Armor™

processor, enabling robust performance. The Series 200 SSDs also offer the ability to load encryption keys. Customers can input their own AES-256 keys, purge them and reload as needed. Microsemi's TRRUST-Purge™ technology destroys keys in less than 30 milliseconds when activated.

#### TRRUST-Stor Series 200 Features:

Capacity: Half-terabyte non-volatile storage using reliable, long-life SLC NAND flash

Performance: 200 MB/s sustained reads and writes

Encryption: Hardware-based implementation of AES-256 encryption with XTS, protecting sensitive data

Security: Flexible key management with loadable AES encryption keys. An optional hardware-based authentication enables higher levels of security. The TRRUST-Purge function erases the keys in under 30ms, rendering data forensically unrecoverable.

U.S.-made with full BOM and assembly control

Fast Erase Capability: Hardware-based fast clear of the entire drive occurs in less than 10 seconds

High-reliability: Developed to endure harsh environments, TRRUST-Stor SSD's ruggedized specifications allow the disk drive to withstand up to 3000 gravitational (G) shock and 30 G root-mean-square acceleration (Grms) of vibration.

Obsolescence Management: Leveraging Microsemi Armor flash management processor and IP,

product obsolescence is mitigated.

<http://www.microsemi.com/s> More information about the TRRUST-Stor products is available at [olid-state-drives/solid-state-drives](#). To request a full datasheet, email [sales.support@microsemi.com](mailto:sales.support@microsemi.com).

Microsemi has full design, manufacture and test capabilities for a wide variety of multiple chip packages (MCPs), commercial-off-the-shelf (COTS) memory, microprocessors and combination MCPs for demanding applications. These microelectronic products can also be ruggedized and processed for tamper resistance.

## About Microsemi

Microsemi Corporation (Nasdaq: MSCC) offers a comprehensive portfolio of semiconductor and system solutions for communications, defense & security, aerospace and industrial markets. Products include high-performance, radiation-hardened and highly reliable analog mixed-signal integrated circuits, FPGAs, SoCs and ASICs; power management products; timing and voice processing devices; RF solutions; discrete components; security technologies and scalable anti-tamper products; Power-over-Ethernet ICs and midspans; as well as custom design capabilities and services. Microsemi is headquartered in Aliso Viejo, Calif., and has [www.microsemi.com](http://www.microsemi.com) approximately 3,000 employees globally. Learn more at

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"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Any statements set forth in this news release that are not entirely historical and factual in nature, including without limitation statements related to its TRRUST-Stor™ Series 200 SSD, and its potential effects on future business, are forward-looking statements. These forward-looking statements are based on our current expectations and are inherently subject to risks and uncertainties that could cause actual results to differ materially from those expressed in the forward-looking statements. The potential risks and uncertainties include, but are not limited to, such factors as rapidly changing technology and product obsolescence, potential cost increases, variations in customer order preferences, weakness or competitive pricing environment of the marketplace, uncertain demand for and acceptance of the company's products, adverse circumstances in any of our end markets, results of in-process or planned development or marketing and promotional campaigns, difficulties foreseeing future demand, potential non-realization of expected orders or non-realization of backlog, product returns, product liability, and other potential unexpected business and economic conditions or adverse changes in current or expected industry conditions, difficulties and costs of protecting patents and other proprietary rights, inventory obsolescence and difficulties regarding customer qualification of products. In addition to these factors and any other factors mentioned elsewhere in this news release, the reader should refer as well to the factors, uncertainties or risks identified in the company's most recent Form 10-K and all subsequent Form 10-Q reports filed by Microsemi with the SEC. Additional risk factors may be identified from time to time in Microsemi's future filings. The forward-looking statements included in this release speak only as of the date hereof, and Microsemi does not undertake any obligation to update these forward-looking statements to reflect subsequent events or circumstances.

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Source: Microsemi Corporation

