



Everspin Technologies' MRAM selected by Emerson Network Power to deliver critical storage for industrial computing boards

Non-volatile MRAM technology provides a robust, reliable memory solution for VME and CompactPCI boards

CHANDLER, Ariz. – July 14, 2009 – Everspin Technologies, a leading provider of magnetoresistive random access memory (MRAM) products, today announced it is providing non-volatile MRAM technology to Emerson Network Power for three of the company's newest high-performance single-board computers (SBCs). Emerson's award winning MVME7100 and MVME4100 VMEbus boards and CPCI6200 CompactPCI® board – all building blocks for a variety of industrial, medical, military, aerospace and advanced telecom platforms – now utilize 4Mb Everspin MRAM to store critical, non-volatile data for a variety of high-availability applications.

MRAM technology enables users to capture system data logs that are not impacted by memory wear-out or data backup during a power failure. Users can also take advantage of MRAM's ability to receive frequent new programs and data updates, which remain non-volatile after every write. MRAM provides an ideal alternative to battery-backed SRAM for industrial computing applications due to fast read/write speeds, superior high temperature performance and best-in-class, power-free data retention capabilities for more than twenty years.

"Everspin's proven track record of MRAM reliability and ease-of-use is enabling and enhancing many of our customers' products across a broad and diverse range of applications," said Saied Tehrani, chief operating officer at Everspin Technologies. "Emerson Network Power is the latest example of an industry leader who is taking advantage of Everspin's unique MRAM characteristics of non-volatility, high performance and reliability, as well as cost effectiveness."

In secure applications, MRAM is capable of holding both security keys and the security algorithms that can be updated frequently during operation without concern for memory wear-out like traditional Flash memory. In addition, MRAM can be erased in just milliseconds if a concern or compromising situation occurs, minimizing potential threats to security.

"Emerson Network Power's extensive line of industrial VME and CompactPCI computing boards enable original equipment manufacturers (OEMs) to gain a competitive edge by leveraging the proven features, high performance and clear migration paths of these SBCs for a variety of demanding environments," explained Hilo Oltman, director of product line management for the Embedded Computing business of

Emerson Network Power. “Everspin’s MRAM complements our broad portfolio by providing added flexibility and increased reliability for numerous applications, giving our customers the added confidence that their critical data remains both accessible and secure.”

For additional information about MRAM’s usage in industrial computing applications, please visit <http://everspin.com/technology-industrial-computing.html>.

About MRAM

Everspin’s MRAM is a revolutionary memory that uses the magnetism of electron spin to provide non-volatility with no wear-out. Everspin MRAM stores information in magnetic material integrated with silicon circuitry to deliver highly reliable non-volatile memory with SRAM-like speed. This enables a true “instant-on” capability and power loss protection in many classes of electronic devices over a wide temperature range and for a variety of applications including: storage, industrial automation, gaming, energy management, communications, consumer, transportation and avionics.

About Everspin Technologies

Everspin Technologies is the global leader in developing and manufacturing standalone and embedded magnetic-based memory (MRAM) and integrated magnetic sensors. With roots in Freescale Semiconductor and backed by prominent venture capital firms, Everspin launched its first commercial MRAM product in 2006. A growing number of leading corporations have adopted Everspin MRAM to enable their most advanced products. www.everspin.com.

About Emerson Network Power

Emerson Network Power, a business of Emerson, is the global leader in enabling *Business-Critical Continuity*™ from grid to chip for telecommunication networks, data centers, health care and industrial facilities. Emerson Network Power provides innovative solutions and expertise in areas including AC and DC power and precision cooling systems, embedded computing and power, integrated racks and enclosures, power switching and controls, monitoring, and connectivity. All solutions are supported globally by local Emerson Network Power service technicians. For more information on Emerson Network Power’s embedded computing products and services including ATCA®, MicroTCA®, CompactPCI®, VMEbus, industrial motherboards and OpenSAF® for original equipment manufacturers and systems integrators in the telecommunications, industrial, aerospace/defense and medical markets, visit www.emersonnetworkpower.com/embeddedcomputing. Learn more about Emerson Network Power products and services at www.emersonnetworkpower.com.

About Emerson

Emerson, based in St. Louis, Missouri (USA), is a global leader in bringing technology and engineering together to provide innovative solutions to customers through its network power, process management, industrial automation, climate technologies, and appliance and tools businesses. Sales in fiscal 2008 were \$24.8 billion and Emerson is

ranked 94th on the Fortune 500 list of America's largest companies. For more information, visit www.Emerson.com.

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