



For immediate release

**Media Contact:**

Shreekant Raivadera

+44 116 267 7396

[Shreekant.Raivadera@Emerson.com](mailto:Shreekant.Raivadera@Emerson.com)

## **Latest VME Single Board Computer from Emerson Network Power uses Freescale P5020 QorIQ Processor to Boost Commercial and Rugged Applications**

**DESIGNWest, SAN JOSE, Calif., US.** [27 March, 2012] – A new high performance VME/VXS single board computer unveiled today by Emerson Network Power, a business of Emerson (NYSE:EMR) and the global leader in enabling *Business-Critical Continuity™*, offers a significant performance and functionality increase for both commercial and rugged applications. The [MVME8100](#) features the Freescale P5020 QorIQ processor supported by up to 8GB high speed DDR3-1333MHz ECC memory and 8GB eMMC NAND Flash. The board also features 512KB of non volatile F-RAM, which is ideal for critical data storage, data logs, dynamic program updates, and dynamic security.

The Emerson Network Power MVME8100 is designed for a range of high end industrial control applications such as semiconductor processing equipment and photo lithography, as well as military applications such as C4ISR, including radar/sonar. Fully rugged variants are available for extreme environments with extended shock, vibration, temperature and conduction cooling. Extended temperature variants of the Emerson Network Power MVME8100 feature a best-in-class operating temperature range of minus 40 degrees up to plus 85 degrees Celsius. Rugged models are capable of operating with up to 10G of vibration (15 to 2000 Hz) and can withstand an 11 millisecond shock of up to 40G. Conformal coating is also available as an option.

Paul Virgo, marketing director of Emerson Network Power's Embedded Computing business, said: "The new MVME8100 will provide technology insertion to prolong current programs while providing significantly more computing performance and data

throughput. Backwards compatibility has been a foundation for the success of VME technology and we are proud to continue this great heritage of investment protection while adding innovative new features.”

The MVME8100 offers extensive I/O including PCIe and SRIO fabric connectivity and multiple USB, Serial and Ethernet ports. On board expansion includes an optional mounting kit for a 2.5 inch SATA drive and two PMC/XMC sites. Supported operating systems on the Emerson Network Power MVME8100 include Linux, Wind River VxWorks, and Green Hills INTEGRITY.

[More information](#) and a [high resolution photo](#) of the MVME8100 are available.

More information about VME boards from Emerson Network Power can be found at [www.EmersonNetworkPower.com/EmbeddedComputing](http://www.EmersonNetworkPower.com/EmbeddedComputing).

#### **About Emerson Network Power**

Emerson Network Power, a business of Emerson (NYSE:EMR), 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, infrastructure management, and connectivity. All solutions are supported globally by local Emerson Network Power service technicians. For more information on Emerson Network Power’s embedded computing solutions, including ATCA®, COM Express®, CompactPCI®, embedded computers and motherboards, OpenVPX™, VMEbus and the RapiDex™ board customization service for original equipment manufacturers and systems integrators in the telecommunications, industrial automation, aerospace/defense and medical markets, visit [www.EmersonNetworkPower.com/EmbeddedComputing](http://www.EmersonNetworkPower.com/EmbeddedComputing). Learn more about Emerson Network Power products and services at [www.EmersonNetworkPower.com](http://www.EmersonNetworkPower.com).

#### **About Emerson**

Emerson (NYSE: EMR), based in St. Louis, Missouri (USA), is a global leader in bringing technology and engineering together to provide innovative solutions for customers in industrial, commercial, and consumer markets around the world. The company is comprised of five business segments: Process Management, Industrial Automation, Network Power, Climate Technologies, and Commercial & Residential Solutions. Sales in fiscal 2011 were \$24.2 billion. For more information, visit [www.Emerson.com](http://www.Emerson.com).

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