



Microsemi Introduces System Management Design Tools for Wired and Wireless Communications Applications

Key Features Include Managing up to 64 Power Rails and PMBus™ Support

ALISO VIEJO, Calif., April 30, 2012 /PRNewswire/ -- **Microsemi Corporation** (Nasdaq: MSCC), a leading provider of semiconductor solutions differentiated by power, security, reliability and performance, today introduced a suite of system and power management design tools for high availability wired and wireless communications infrastructure equipment. The new design tools include Microsemi's Mixed Signal Power Manager (MPM) 4.0 reference design, which supports up to 64 power rails and mixed analog and digital point-of-loads (POLs), as well as PMBus™ based communication. The company also offers an evaluation kit that can be used with Microsemi's SmartFusion® customizable system-on-chip solution (cSoC) to enable quick product-functionality assessments.

(Logo: <http://photos.prnewswire.com/prnh/20110909/MM66070LOGO>)

"Our new power management solution significantly reduces the cost and complexity of board-level power management design by integrating system management functions required in communications infrastructure applications," said Esam Elashmawi, vice president and general manager at Microsemi. "Increasingly, the communications market values the inherent secure and reliable nature of our technology portfolio, bringing more value to the equipment that uses our products while protecting the brand of our customers."

About the MPM 4.0 Power Management Solution

Microsemi's comprehensive MPM 4.0 power management solution includes a graphical user interface that simplifies the visualization of the power sequencing and margining that occurs in complex high availability systems. In addition, trimming, event logging and alarm generation are supported. MPM 4.0 also includes a reference design containing all sources files and firmware, allowing customers to customize products and support a mix of power rails.

An evaluation kit to accelerate initial design testing and experimentation is also offered. The kit includes Microsemi's SEU-immune SmartFusion cSoC, which is offered in standard or military temperatures in a variety of packages. SmartFusion devices include an integrated FPGA, an ARM Cortex™M3 processor, and programmable analog in a single device. The kit also includes Microsemi's NX9415 3.3 V and LX9610 1.5 V nominal regulators. Additional features include:

- Supports up to 64 channels
- Both analog and digital POL supported
- PMBus support for digital POL
- Margining and trimming for analog POL

Availability and Pricing

Microsemi's new power management evaluation kit DMPM-DC-KIT is in stock and priced at \$349. The graphical interface and reference design are available now to qualified customers at no charge at www.microsemi.com/soc/products/solutions/powermgt/. For more information please contact your local Microsemi sales representative.

About Microsemi

Microsemi Corporation (Nasdaq: MSCC) offers a comprehensive portfolio of semiconductor solutions for communications, defense and security, aerospace and industrial markets. Products include mixed-signal integrated circuits, SoCs and ASICS; programmable logic solutions; power management products; timing and voice processing devices; RF solutions; discrete components and systems including Power-over-Ethernet. Microsemi is headquartered in Aliso Viejo, Calif., and has approximately 3,000 employees globally. Learn more at www.microsemi.com.

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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 system and power management design tools for high availability wired and wireless communications infrastructure equipment, 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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