



## Microsemi Strengthens Radiation-Hardened Aerospace Products Portfolio

### Delivers Industry's First 120V Input, 50W High-reliability DC-DC Converter Modules

ALISO VIEJO, Calif., Nov. 1, 2011 /PRNewswire/ -- **Microsemi Corporation** (Nasdaq: MSCC), a leading provider of semiconductor solutions differentiated by power, security, reliability and performance, today announced that it strengthened its portfolio of radiation-hardened products with the industry's first family of 120 volt, 50 watt high-reliability single, dual and triple output rad-hard DC-DC converters. The robust SA50-120 series is a standard product targeted at satellites with greater than 5 kilowatts of operating power. The new DC-DC converters are available in production quantities now.

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

"The aerospace industry is trending towards higher-power satellites that employ a higher voltage main-power bus, allowing manufacturers to significantly reduce the size and weight of main bus wiring," said Robert Warren, vice president and general manager of Microsemi's Power Management Group. "This transition spurs the need for radiation-hardened devices with a higher main-power bus voltage interface capability. Once again, Microsemi has stepped up to deliver a high-performance solution that addresses evolving industry needs."

Offered in industry-standard packages, Microsemi's new DC-DC converters are ideal for driving high-reliability satellite power conversion applications both directly or by point-of-load (POL) converters to further "step down" power to devices such as customizable system-on-chip solutions and field programmable gate arrays.

Microsemi has been providing solutions for demanding space applications for 40 years. The company currently has more than 150 fully qualified space products in its portfolio including converters, customizable system-on-chip (cSoC) solutions, MOSFETS, rectifiers, switching diodes, transistors and zener diode. These solutions include a comprehensive range of standard and customized space solutions.

#### About Microsemi

Microsemi Corporation (Nasdaq: MSCC) offers a comprehensive portfolio of semiconductor solutions for: aerospace, defense and security; enterprise and communications; and industrial and alternative energy markets. Products include high-performance, high-reliability analog and RF devices, mixed-signal and RF integrated circuits, customizable SoCs, FPGAs, and complete subsystems. Microsemi is headquartered in Aliso Viejo, Calif., and has approximately 3,000 employees globally. Learn more at [www.microsemi.com](http://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 new radiation-hardened 120 volt, 40 watt DC-DC converter 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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