



## Microsemi Extends DLA Qualification of Hermetic Power MOSFETs

### JANTX / JANTXV2N6901 and JANTX / JANTXV2N7334 Hermetic Power MOSFETs for Power Conversion, Motor Control and General Purpose Power Switching Applications Now Qualified

IRVINE, Calif., March 7, 2011 (GLOBE NEWSWIRE) -- **Microsemi Corporation** (Nasdaq:MSCC), a leading provider of semiconductor technology aimed at building a smart, secure, connected world, today announced that Defense Logistics Agency (DLA) qualification has been granted for their JANTX / JANTXV2N6901 and JANTX / JANTXV2N7334 hermetic power MOSFETs. Microsemi now has 26 qualified hermetic power MOSFET products, which are primarily used in power conversion, motor control and general purpose power switching applications.

The company's complete line of DLA approvals covers JANTX and JANTXV standards for 100 V, 200 V, 400 V and 500 V, N-channel and P-channel devices with packages available in both leaded and surface mount configurations.

"The qualification of these MOSFETs is a great addition to our existing high-reliability product line," said Kare Karlsen, Executive Vice President of Microsemi's HiRel Group. "We see this as a natural progression as we broaden our existing military MOSFET capabilities to satisfy the demands of the harsh environments to which military and avionics applications are subjected."

Microsemi has worked closely with the DLA to define the test specifications within standard military drawings (MIL-PRF-19500 slashsheets), assuring customers of the performance capabilities of these products.

#### New Product Qualifications

Part Number	BVdss (V)	Rds(on) (ohms)	Channel	I(D)	Slash	Package
2N7334	100	0.7	N	1.0	/597	MO-036
2N6901	100	1.4	N	1.7	/570	TO-39

#### More Information

A full description of these devices and technical datasheets are available on the Microsemi website: [www.microsemi.com](http://www.microsemi.com). Additional qualifications are in process as Microsemi continues to expand the high-reliability hermetic power MOSFET product line.

#### About Microsemi

Microsemi Corporation (Nasdaq:MSCC) offers the industry's most comprehensive portfolio of semiconductor technology. Committed to solving the most critical system challenges, Microsemi's products include high-performance, high-reliability analog and RF devices, mixed signal integrated circuits, FPGAs and customizable SoCs, and complete subsystems. Microsemi serves leading system manufacturers around the world in the defense, security, aerospace, enterprise, commercial, and industrial markets. Learn more at <http://www.microsemi.com>.

The Microsemi Corporation logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=1233>

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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 Defense Logistics Agency (DLA) qualification having been granted for the JANTX / JANTXV2N6901 and JANTX / JANTXV2N7334 hermetic power MOSFETs, 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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