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Murata Power Solutions

www.murata-ps.com

News Release

Addition of 10A and 16A SIP models extends choice of OKAMI™

DOSA-compliant Point-of-Load DC/DC Converters



- *Able to drive 1000 μ F capacitive loads*
- *8.3VDC to 14VDC input voltage range*
- *Programmable output voltage of 0.75VDC to 5.5VDC*
- *High power conversion efficiency up to 94.5%*

Murata Power Solutions has launched the second phase of its Okami™ range of non-isolated single point-of-load (PoL) DC/DC converters. The introduction of SIP 10A and 16A output current models follows the recent launch of 3A and 5A versions. The new additions provide designers of equipment requiring high efficiency PoL power with an even greater choice of compact and reliable modules.

A range comprising four 10A models and four 16A models is available with either positive or negative on/off polarity and an optional sequence/track feature to control start-up time requirement. The modules can act as a drop-in replacement for other DOSA-compliant parts or be used in space constrained designs that require high density power solutions and where a short time-to-market is required.

Housed in industry-standard DOSA SIP packages measuring 50.8mm (2.0in.) x 12.7mm (0.5in.) x 9.4mm (0.37in.), Okami 10A and 16A DC/DC Converters have a wide 8.3VDC to 14VDC (nominally 12VDC) input voltage range and a programmable output voltage of 0.75VDC to 5.5VDC. Efficiency levels are up

to 94.5% and all modules in the range are able to drive 1000 μ F capacitive loads. This makes them ideal for powering the latest generation of FPGAs and DSPs with tight output load regulation requirements. Operating temperature range is -40°C to +85°C.

The new OKAMI DC/DC Converters offer exceptional thermal derating performance with over temperature and over current protection and under voltage lock out are standard features.

The modules are RoHS-compliant and are designed to meet UL/EN/IEC 60950-1 safety approvals and FCC emissions certifications.

Ends

About Okami™

Okami, Japanese for “wolf”, is the registered trademark for Murata Power Solutions’ new breed of DOSA PoL DC/DC converters. For more information on the Okami family, please visit www.murata-ps.com/okami

About Murata Power Solutions

Murata Power Solutions (www.murata-ps.com) is headquartered in Mansfield, Massachusetts, with over 1,300 employees, and locations in the USA, Canada, England, France, Germany, Singapore, Japan and China. Murata Power Solutions designs, manufactures and distributes DC/DC Converters, AC/DC Power Supplies, Magnetics, Data Acquisition devices and Panel Meters, and offers these products in custom, standard and modified-standard variations. These products, which are built to exacting requirements in ISO9000:2000-approved facilities, are typically used worldwide within telecommunications, computing, industrial and other high-tech applications.

About Murata

Based in Kyoto Japan, Murata Manufacturing Company Ltd is one of the world’s leading providers of ceramic based components, sensors, and AC/DC and DC/DC power solutions. Founded in 1950, the company has over 34,000 employees worldwide, and over \$6.3 billion US in consolidated annual sales (as of March 31, 2008). Everywhere in the world, wherever you can reach, Murata’s electronic components are always at work.

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