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New Product Announcement

Integrated Power Solution from Murata Power and ZMDI Now at Mouser

December 5, 2013 – [Mouser Electronics](http://www.mouser.com), Inc. now offers a new integrated power management solution from [Murata Power Solutions](http://www.murata.com), the OKLP-X/25-W12-C 25A Power Block, and the ZSPM10x5 PWM Controller from [ZMDI](http://www.zmdi.com).

The Murata 25A Power Block available from Mouser Electronics is a cost-effective step-down DC-to-DC converter with all components on a small circuit board. The Power Block lowers the input DC voltage with a synchronous buck converter circuit composed of two MOSFETs, an inductor-capacitor output filter, and a thermal sensor. With an input range of 7.0 to 13.2 VDC, the 25A Power Block provides up to 49.5 Watts that can generate a regulated output of 0.8 to 3.6 VDC. Output load currents of up to 25 Amps at 1.0V are supported. The Murata OKLP-X/25-W12-C Power Block is optimized for use with ZMDI's ZSPM10x5 digital controllers.

To learn more about the OKLP-X/25-W12-C 25A Power Block, visit <http://www.mouser.com/murata-power-block>.

ZMDI's ZSPM10x5 PWM Controller available from Mouser Electronics is an advanced single chip digital control loop optimized for use with the Murata Power Block OKLP-X/25 in smart digital power systems. It allows accurate control of the output voltage of the Murata Power Block.

ZMDI's PC-based Pink Power Designer™ provides a user-friendly interface to the ZSPM10x5 for monitoring and configuration of the chip's voltage control and protection features. A Power Management Bus (PMBus™) interface is supported.

To learn more about the ZSPM10x5 series, visit: <http://www.mouser.com/new/zmdi/zmdi-10x5-pwm-controller>

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 20 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 4 million products online from more than 500 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 400,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

About Murata Power Solutions

Murata Power Solutions is a leading global supplier of power products. These products include DC DC converters, AC DC power supplies, magnetics and digital panel meters.

About ZMDI

ZMDI, an innovative provider of high performance analog and mixed-signal semiconductor solutions, has continually focused on innovative high-tech solutions for over 50 years. ZMDI's products and applications offer their customers an especially high level of energy efficiency which markedly reduces emissions. Their energy-efficient switching circuits and sensors contribute to the reduction of CO2 emissions and make lower gasoline and electricity consumption possible.

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