



News Release

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For Immediate Release

MOSFET and Schottky diode share the same SOT-563 package



Hauppauge, NY USA – February 25, 2010 – Central Semiconductor Corp. announces the release of the **CMLM8205** Multi Discrete Module in the SOT-563 surface mount package. This device features a 50V, 280mA P-channel enhancement mode MOSFET and an isolated 40V, 500mA low V_F Schottky diode. The MOSFET has a minimum gate threshold of 1.0V and the Schottky diode has a low forward voltage drop of 0.35V at 100mA.

This energy efficient device can be used in a variety of design applications including; DC to DC converters, battery charging circuits in mobile electronics and a host of other power management applications. The SOT-563 package utilizes only 2.89 sq mm of board space and has a low profile of 0.6mm. The CMLM8205 is the latest in a series of Multi Discrete Modules designed to maximize board space utilization, while at the same time reducing overall energy consumption. The complementary CMLM0205 N-channel MOSFET and 40V, 500mA low V_F Schottky diode is also available from stock.

Pricing for the CMLM8205 starts at US\$ 0.15 each for 3,000 pcs on 7" tape and reel. Sample devices are available upon request.

Central Semiconductor manufactures innovative discrete semiconductors to meet design engineers' ever changing challenges. Specifications for this device can be found in the New Products / Latest Updates section of Central's website at: www.centralsemi.com/product/whatsnew/newprod/

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