



News Release

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For Immediate Release

Two new Schottky Rectifiers boast superior Low V_F characteristics



Hauppauge, NY USA – January 21, 2009 – Central Semiconductor Corp. announces the release of the **CMPSH1-4L** and **CMPSH1-4LE** Low V_F Schottky rectifiers with superior low V_F characteristics and packaged in the SOT-23F surface mount case. The CMPSH1-4L features a low forward voltage drop of 270mV @ 100mA, and 390mV @ 1.0A, while the enhanced version CMLPSH1-4LE, features low leakage currents of 200 μ A @ 5.0 Volts and 900 μ A @ 40 Volts.

In addition to superior electrical specifications, the CMPSH1-4L and CMPSH1-4LE are packaged in the SOT-23F providing a 9% lower profile than the standard SOT-23 with a maximum height of 1.0mm. These energy efficient devices are ideal for portable battery powered applications where extending the battery charge duration is a prime requirement. These devices were developed in response to customers' inquiries requesting alternative electrical characteristics to meet specific design requirements.

The CMPSH1-4L and CMPSH1-4LE are available Bulk Packed or 3,000 pcs on 7" Tape & Reel. Price for the CMPSH1-4L starts at US\$0.090 each for 3,000 pcs on Tape and Reel, and the CMPSH1-4LE starts at US\$0.095 each for 3,000 pcs on Tape and Reel. Sample devices are available upon request.

Central Semiconductor manufactures leading edge discrete semiconductors and is always eager to explore design engineers' requests for special requirements. Specifications for these new devices can be found in the New Products / Latest Updates section of Central's website at www.centralsemi.com/new.

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