



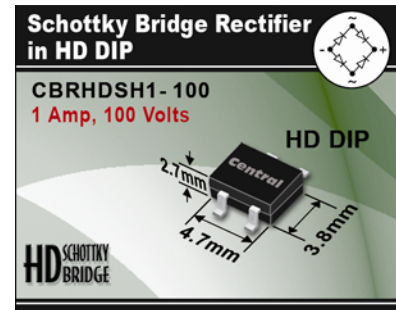
## News Release

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For Immediate Release

### Central's new 1 Amp, 100 Volt Schottky Bridge Rectifier in the very small HD DIP package.



**Hauppauge, NY USA – May 30, 2007 – Central Semiconductor Corp.** announces the release of the **CBRHDSH1-100** 1 Amp, 100 Volt Schottky Bridge Rectifier. The CBRHDSH1-100 is ideal for both first generation and second generation Power over Ethernet (PoE) designs, as well as general purpose full wave rectification and reverse polarity protection applications. With a typical  $V_F$  of 0.7V at 1 Amp, this device is well suited for portable battery and high efficiency applications such as: modems, routers, portable test equipment, and LED lighting systems.

The two main advantages of this new Schottky Bridge are reduced size and energy efficiency. The HD DIP utilizes 50% less board space than 4 individual SMA rectifiers in a bridge configuration. In terms of energy efficiency, the CBRHDSH1-100 uses 36% less energy to perform the same function as a standard bridge rectifier.

The CBRHDSH1-100 is available Bulk Packed or 3,000 pcs on 13" Tape & Reel. Prices start at US\$0.48 each for 3,000 pcs. Samples 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 this new device can be found in the New Products / Latest Updates section of Central's website at [www.centralsemi.com/new](http://www.centralsemi.com/new).

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