



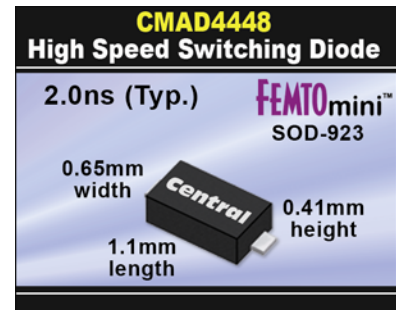
# News Release

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For Immediate Release

## Central's new Ultra High Speed Switching Diode in the tiny SOD-923 package



Hauppauge, NY USA – February 20, 2008 – Central Semiconductor Corp. announces the release of the **CMAD4448** ultra high speed switching diode in the SOD-923 package. This new FEMTOmini™ device is a high quality 120V, 250mA diode with a maximum  $t_{rr}$  of 4.0ns (2.0ns typical), and an ultra low maximum capacitance of 2.0pF. The CMAD4448 has several enhanced specifications compared to the standard 4448 device. Enhancements include:  $V_{RRM}$  = 120V compared to 100V for the standard device, and a lower capacitance of 2pF compared to 4.0 pF for the standard device. Designed for applications requiring a high speed diode in an ultra small package, the CMAD4448 in the SOD-923 package utilizes 55% less board space compared with to the SOD-523 package, and has a 48% lower package profile (0.41mm compared to 0.8mm of the SOD-523 package) making it ideal for most portable handheld electronic devices such as: cell phones, Smartphones, digital cameras, PDAs, and MP3 players.

The CMAD4448 is available on 7" Tape & Reel. Prices start at US\$0.09 each for 3000 pieces on 7" Tape & 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 this new device can be found in the New Products / Latest Updates section of Central's website at: [www.centralsemi.com/product/whatsnew/newprod/](http://www.centralsemi.com/product/whatsnew/newprod/)

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