



News Release

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For Immediate Release

Space saving, low profile N-Channel and P-Channel MOSFETs in the ultra miniature SOT-883L package



Hauppauge, NY USA – August 10, 2010 – Central Semiconductor Corp. announces the **CEDM7001** (N-Channel) and complementary **CEDM8001** (P-Channel) 20V, 100mA MOSFETs packaged in the ultra miniature, low profile SOT-883L surface mount case. These devices have a rated continuous drain current of 100mA and a peak drain current of 200mA ($t_p < 10\mu s$). Both devices have an outstanding low minimum gate threshold voltage of 0.6V and $r_{DS(ON)}$ of 3.0 Ω (CEDM7001) and 8.0 Ω (CEDM8001). The CEDM7001 and CEDM8001 are the ideal solutions for design engineers seeking energy efficient MOSFETs in a miniature package.

The SOT-883L package uses a board space area of only 0.6 sq mm and has a maximum profile of 0.4mm. Designed to solve space constrained circuit layouts, these MOSFETs are ideal for the latest portable electronic products such as cellular phones, MP3 players, Bluetooth headsets, glucose blood analyzers, and hearing aids. Applications for these devices include DC to DC conversion, load switching, battery charging, and boost switching.

Pricing starts at US\$0.12 each for the CEDM7001 and US\$0.16 each for the CEDM8001 for 8,000 pieces on tape and reel. Sample devices are available upon request.

Central Semiconductor manufactures innovative discrete semiconductors to meet design engineers' ever changing challenges. Specifications for these devices 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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