



News Release

Released – March 17, 2009

145 Adams Avenue
Hauppauge, NY 11788 USA
Tel: (631) 435-1110
Fax: (631) 435-1824
Contact: Tom Donofrio
Email: tdonofrio@centralsemi.com
www.centralsemi.com

For Immediate Release

**Dual, 50V, 280mA
N-Channel MOSFET
with built-in ESD protection.**



Hauppauge, NY USA – March 17, 2009 – Central Semiconductor Corp. announces the release of the **CMLDM7003** dual, N-Channel Enhancement-mode MOSFET with built-in 2kV ESD protection. This device has two isolated 50V, 280mA MOSFETs with transient voltage suppressors across the source and gate of each device as an added protection against high voltage transient conditions. The $r_{DS(ON)}$ of the device is 3.0Ω at a test condition of $I_D=50mA$ and $V_{GS}=1.8V$.

The CMLDM7003 is packaged in the tiny surface mount SOT-563 case with a low profile of less than 0.6mm. This package utilizes 62% less board space than the SOT-23 and is the perfect choice for small portable battery powered electronic products. The CMLDM7003 is ideal for cell phones/smart phones, MP3 music players, medical test equipment, bar code scanners, PDAs, and notebook computers.

The CMLDM7003 is available bulk packed or 3,000 pcs on 7" tape & reel. Pricing starts at US\$0.10 each for 3,000 pcs on tape and reel. 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/product/new.

###