



# News Release

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For Immediate Release

## Low profile 5A Schottky Rectifier is ideal for portable battery powered electronic products



Hauppauge, NY USA – September 9, 2008 – Central Semiconductor Corp. announces the release of the **CTLSH5-40M833** 5 Amp, 40 Volt Schottky rectifier in the TLM833 leadless surface mount package. With a typical forward voltage drop of less than 0.35V at 1.0A, and 0.49V at 5.0A, the CTLSH5-40M833 is an outstanding energy efficient device ideal for today's portable battery powered electronic products. Typical circuit applications include: Power management, DC-DC converters, and LCD backlighting.

The TLM833 measures 3.0mm x 3.0mm and has a maximum profile of 1.0mm. Compared with industry standard devices packaged in the SMC case, the TLM883 provides a 61% lower profile, occupies 80% less board space, and boasts a maximum rated power dissipation of 4.5W. The CTLSH5-40M833 demonstrates Central's continued leadership in the development of innovative devices that meet the most challenging design requirements.

The CTLSH5-40M833 is available Bulk Packed or 3,000 pcs on 7" Tape & Reel. Prices start at US\$0.29 each for 3,000 pcs 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/new](http://www.centralsemi.com/new).

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