

June 14, 2006

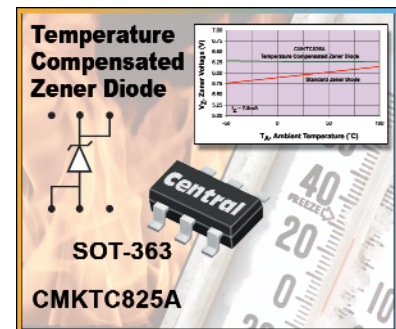
Welcome to the latest edition of Central Semiconductor's Innovations in Discrete Semiconductors Newsletter. As a registered recipient, you have requested to receive information about Central's latest products. We hope you find the following information useful. Your feedback is always welcome. Please send comments, suggestions, or other feedback to tdonofrio@centralsemi.com.

New to this issue...

- **World's First Surface Mount Temperature Compensated Zener Diode**
- **World's Smallest Schottky Bridge Rectifier**
- **Central receives "Discrete Semiconductor Supplier of the Year" from Rockwell Collins**

CMKTC825A World's First Surface Mount Temperature Compensated Zener Diode in the SOT-363 package

Central Semiconductor Corp. announces the release of the **CMKTC825A** temperature compensated (TC) Zener diode packaged in a space saving **ULTRA**mini SOT-363 surface mount case. This new device is the World's first TC Zener in a plastic surface mount package. Utilizing a new proprietary process technique, the CMKTC825A provides a highly stable reference voltage of 6.2V with only a small change of less than 0.28mV/°C over the temperature range of -55°C to +100°C. This is a considerable improvement compared to a standard Zener diode, which typically exhibits a voltage change of 500mV over the same temperature range. In addition, the CMKTC825A occupies only 4.2mm² of circuit board space and has a low profile of 1.0mm.



Designed for applications requiring extremely stable voltage reference over temperature, the CMKTC825A is ideal for use in high stability oscillators, digital volt/frequency meters, analog-to-digital converters, and precision DC power supplies. End products for this device include test equipment, consumer electronics, and industrial equipment.

The CMKTC825A is available Bulk Packed or 3,000 pcs on 7" Tape and Reel. Prices for CMKTC825A start at \$0.36 each for 3,000 pcs on a 7" reel. Sample devices are available upon request.

To order samples of this device, visit www.centralsemi.com/samples.

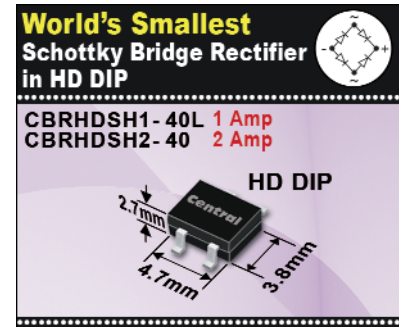
**Central's new CBRHDSH1-40L & CBRHDSH2-40
World's Smallest Schottky Bridge Rectifiers
in the surface mount HD DIP package**

Central Semiconductor Corp. announces the release of the world's smallest Schottky bridge rectifiers, packaged in the HD DIP surface mount case. The CBRHDSH1-40L (1 Amp) and CBRHDSH2-40 (2 Amp) devices are 40 Volt low V_F bridge rectifiers with a typical V_F of 0.39V @ 1.0A and 0.45V @ 2.0A, respectively.

These energy efficient devices are ideal for battery powered circuits requiring a small signal full wave bridge. Compared to the larger SMDIP surface mount package, the HD DIP case is 57% smaller, and utilizes 60% less board space. 60 Volt and 100 Volt versions of both 1 Amp and 2 Amp devices are currently in development.

The CBRHDSH1-40L and CBRHDSH2-40 are available Bulk Packed or 3,000 pcs on 13" Tape & Reel. Prices for the CBRHDSH1-40L and CBRHDSH2-40 start at \$0.42 each and \$0.46 each, respectively for 3,000 pcs on a 13" reel. Sample devices are available upon request.

To order samples of this device, visit www.centrasemi.com/samples.



**Rockwell Collins names Central Semiconductor
as Discrete Semiconductor Commodity Supplier
of the Year 2006**

Central Semiconductor Corp., Hauppauge, N.Y. was recently named the Discrete Semiconductor Commodity Supplier of the Year 2006 by Rockwell Collins.

The award was presented by Chairman, President and CEO Clay Jones to Central Semiconductor's VP of Sales and Marketing Steven Radgowski during the Annual Supplier Conference on May 3rd, in Cedar Rapids, IA. The Supplier of the Year award is an acknowledgement of significant contributions made during the year by suppliers and is based upon quality, delivery, total cost of ownership, lead time and customer service. Rockwell Collins is a worldwide leader in the design, production, and support of communications and aviation electronics for commercial and government customers. The company's 17,000 employees in 27 countries deliver industry-leading communications, navigation, surveillance, display, flight control, in-flight entertainment, information management, and maintenance, training and simulation solutions. Additional information is available at www.rockwellcollins.com



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