



## News Release

Released – March 21, 2017

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For Immediate Release

### Central's New 1200V Silicon Carbide Schottky Rectifiers



**Hauppauge, NY USA – March 21, 2017** – Central Semiconductor introduces the **CSICD05-1200** (5A, 1200V) and **CSICD10-1200** (10A, 1200V) Silicon Carbide Schottky rectifiers, featuring the true 2-lead DPAK-2L (TO-252-2L) package. Both devices are ideal for high frequency systems where energy efficiency, low switching losses and thermal performance are critical design parameters. Silicon Carbide provides a stable solution for a wide range of temperatures and the DPAK-2L case eliminates potential arcing concerns experienced when using high operating voltages with the standard DPAK package.

Applications for these 1200V devices include power inverter, motor drive, switch-mode power supply, and Power Factor Correction (PFC). The operating temperature is -55°C to 175°C and a typical  $V_F$  of 1.5V (5A and 10A).

Pricing for the CSICD05-1200 starts at US \$3.20 each for 2,500 pcs on 13" tape and reel. Pricing for the CSICD10-1200 starts at US \$7.94 each for 2,500 on 13" tape and reel. Samples are available upon request.

Central Semiconductor Corp. manufactures innovative discrete semiconductors to meet design engineers' ever-changing challenges. Specifications for current 1200V Silicon Carbide Schottky rectifiers and future releases can be found on Central's website at: [www.centralsemi.com/info/scd](http://www.centralsemi.com/info/scd)

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