



145 Adams Avenue
Hauppauge, NY 11788 USA
www.centalsemi.com

press release

For Immediate Release:
September 24, 2019

Central Semiconductor's New Schottky Bridge Rectifiers in low profile BR DFN package



Hauppauge, NY USA – September 24, 2019 – Central Semiconductor Corp., a leading manufacturer of innovative discrete semiconductors, introduces its newest family of Schottky bridge rectifiers: **CBRDFSH series**, available in 1.0A - 2.0A, 40V - 100V options. Devices are packaged in the low profile BR DFN surface mount case and feature highly desirable energy efficiency. These full wave bridge rectifiers utilize individual glass passivated die to reduce leakage and improve performance and reliability.

These devices feature forward voltage (V_F) as low as 500mV. The BR DFN package is 1.2mm in height, 54% lower than the comparable HD DIP, ensuring that low board profile is maintained. CBRDFSH series devices are ideal for applications requiring a space saving and energy efficient Schottky bridge rectifier, including Power over Ethernet (PoE), intelligent lighting, and power adapters.

Series includes the following devices:

- **CBRDFSH1-40** (1A, 40V)
- **CBRDFSH1-60** (1A, 60V)
- **CBRDFSH1-100** (1A, 100V)
- **CBRDFSH2-40** (2A, 40V)
- **CBRDFSH2-60** (2A, 60V)
- **CBRDFSH2-100** (2A, 100V)

Pricing for the CBRDFSH1-40 starts at \$0.182 for 5,000 pieces on 13" tape and reel directly from Central. Samples are available upon request.

Central Semiconductor Corp. manufactures innovative discrete semiconductors to meet design engineers' ever-changing challenges. Complete specifications for the CBRDFSH series are available on Central's website at: www.centalsemi.com/featured-products/27

###