



# News Release

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For Immediate Release

## Central's UltraMOS™ MOSFETs expands to 800 volts



**Hauppauge, NY USA – April 12, 2016** – Central Semiconductor introduces its newest energy efficient, high voltage UltraMOS™ MOSFET designed to minimize total conduction losses while maximizing power density. The CDM22012-800LRFP is a 12A, 800V MOSFET in the TO-220FP (Full Pack) package. The low  $r_{DS(ON)}$  of  $0.37\Omega$  and low total gate charge of  $7.6nC$  are key energy efficiency characteristics of this UltraMOS™ device, which surpass the operational performance of similarly rated standard MOSFETs. Full specifications are available at: [www.centralsemi.com/ultramos](http://www.centralsemi.com/ultramos)

The 800V UltraMOS™ MOSFETs are ideal for power supplies, power inverters and the perfect pairing with Central's HyperFast rectifiers, to provide a superior high speed operational benefit for phase shift compensation in Power Factor Correction (PFC) applications. UltraMOS™ devices are available in industry standard packages as well as in custom packages.

Pricing for the CDM22012-800LRFP is \$1.90 each for 1,000 pieces packed in sleeves or supplied bulk and available from Digi-Key ([www.digikey.com](http://www.digikey.com)) Future Electronics ([www.futureelectronics.com](http://www.futureelectronics.com)) and Mouser Electronics ([www.mouser.com](http://www.mouser.com)). Sample devices are available upon request direct from Central Semiconductor ([www.centralsemi.com](http://www.centralsemi.com)). In addition to the 800V device, Central has 600V and 700 UltraMOS™ devices available. A 6A, 800V device is also planned for release later this year.

Central Semiconductor Corp. manufactures innovative discrete semiconductors to meet design engineers' ever changing challenges. Specifications for all UltraMOS™ devices can be found on Central's website at: [www.centralsemi.com/ultramos](http://www.centralsemi.com/ultramos)

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