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## For Immediate Release

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## Mouser Electronics Expands C&D Technologies Product Portfolio

### *UQQ Series of DC/DC Quarter-Brick Converters Satisfy a Wide Range of Applications*

Mansfield, Texas, USA – October 15 , 2007 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it has expanded its [C&D Technologies](#) portfolio to include the [UQQ Series](#) “Quarter-Brick” DC/DC Converters for applications requiring wide range input, as well as improved electrical and thermal performance.

“Both the design engineering community and our suppliers rely on Mouser to supply the newest products available to the marketplace,” according to Barry McConnell, Mouser Vice President of Product Marketing. “By stocking new products like these from C&D Technologies, Mouser is able to fulfill its commitment to both suppliers and design engineers.”

The ultra-wide 4:1 input range of converters supply up to 100W of usable power offers enhanced flexibility for industrial, mobile, medical, and telecom applications. The UQQ converter series employs an interleaved, synchronous-rectifier topology that exploits 100% of the duty cycle. These devices simultaneously achieve ultra-high efficiency up to 91%, tight line/load regulation, low noise, and quick step response.

The state-of-the-art single-board, open-frame design is highly efficient with a reduced component count, low on-resistance FETs, and planar magnetics embedded in heavy-copper PC boards – all of which contribute to impressive thermal de-rating.

From a 9-36V or 18-75V input, the UQQ series delivers outputs of 3.3V, 5V, 12V, 15V or 24V, and measures 1.45 x 2.30 x 0.43 inches. The industry standard footprint carries on/off control (positive or negative polarity), output trim (+10/-20%), and output sense functions. An optional base plate keeps the package below 0.5” providing more usable power in applications with little or no air flow.

The UQQ’s feature set includes high isolation, input pi filters, input undervoltage shutdown, output overvoltage protection, current limiting, short-circuit protection, and thermal shutdown. These

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***The Newest Products For The Newest Designs***

converters have a standard quarter-brick package (pinout in through-hole version), are fully isolated up to 2250V<sub>dc</sub>, and have UL/EN/EIC60950 safety approvals.

### **About Mouser**

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers. Mouser.com features over 875,000 products online from more than 335 manufacturers. Mouser's 1,900+ page catalog is published every 90 days, providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 280,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

### **About C&D Technologies**

C&D Technologies, Inc. is a technology company that produces and markets systems for the conversion and storage of electrical power, including telecom/industrial batteries, rectifiers and electronics. Corporate headquarters are in Blue Bell, Pennsylvania, USA and the company is traded on the NYSE under the symbol 'CHP'. The Power Electronics Division of C&D Technologies, Inc. ([www.cd4power.com](http://www.cd4power.com)) is headquartered in Mansfield, Massachusetts. The division designs, manufactures and distributes DC/DC Converters, AC/DC Power Supplies, Magnetics, Data Acquisition devices and Panel Meters, and offers these products in custom, standard and modified-standard variations. These products, which are built to exacting requirements in ISO9000:2000-approved facilities, are typically used worldwide within telecommunications, computing, industrial and other high-tech applications.

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