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Ref. CD227A FPGA Power Guide

C&D Technologies, Inc.
Power Electronics Division
www.cd4power.com

News Release

Design guide simplifies selection of DC/DC converters to power FPGAs



February 1st, 2007, Mansfield, MA C&D Technologies has developed a new design guide to assist engineers seeking DC/DC converters to power FPGA processors. The guide features product parametric tables as well as Xilinx and



Altera FPGA application examples to guide designers towards the most appropriate solutions for their system designs.

C&D's broad range of DC/DC converters is well suited to powering modern FPGA processors and provides numerous benefits when compared to approaches that use discrete components. These include a simplified design, increased reliability and efficiency, reduced component count, and PCB real estate savings. The modular design also helps minimise the need for design resources.

A combination of distributed power and intermediate bus architecture products can be effectively deployed to meet the requirements of leading FPGAs. These products include standard brick isolated converters, intermediate bus converters and non-isolated point-of-load converters.

Note: Go to www.cd4power.com to request or download a copy

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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) 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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