

FOR IMMEDIATE RELEASE

V•I Chip Corporation Introduces Complete Powertrain Solution for High Voltage DC Distribution in Data Centers

Andover, MA, November 11, 2008...V•I Chip Corporation, a subsidiary of Vicor Corporation (NASDAQ: VICR) announced the availability of a 330 W, 380 V to 48 Vdc, 1/16th brick footprint BCM™ bus converter to complete the powertrain conversion to processor and memory loads in HV DC distribution data centers.

The VIB0002TFJ uses a MHz-switching ZVS, ZCS Sine Amplitude Converter (SAC)™ with a high power density of 1,150 Watts per cubic inch and more than 95 percent efficiency, providing more than 4000 V of safety isolated 330 W power for downstream loads.

In parallel 'eco-array' configurations, 380 V to 48 V conversion is achieved at more than 90 percent efficiency from 10 percent light load all the way to full-load at multi-kW power levels.

“The new BCM provides a vital link in the progression to 380 V DC data centers, enabling a safe, elegant conversion to the industry-recognized 48 Vdc rail. From there, it’s an easy, highly efficient step to high current, sub-1 V loads using established Factorized Power Architecture components,” said Stephen Oliver, VP Marketing and Sales. “The small size and high power density allows a flexible architectural choice for the system designer to locate the power conversion stage per rack, per shelf or even on the individual processor blade itself.”

The BCM V•I Chip package is compatible with standard pick-and-place and surface-mount assembly processes. The VIB0002TFJ is priced at less than \$35 in OEM quantities and is available from stock. To order, contact Vicor Customer Service at 800-735-6200 or e-mail custserv@vicr.com.

For a data sheet and more information on the VIB0002TFJ and other V•I Chip products, including application notes and demonstration boards, please visit www.vicorpower.com.

V•I Chip Corporation specifies, designs, manufactures and markets V•I Chip power components to enable next-generation power architecture in high-end computing, ATE, telecom, solid-state lighting, and defense electronics markets worldwide.

Vicor Corporation designs, develops, manufactures, and markets modular power components and complete power systems used primarily by original equipment manufacturers (OEMs) in the communications, data processing, industrial control, test equipment, medical, and defense electronics markets.

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