

FOR IMMEDIATE RELEASE

Vicor Introduces MIL-COTS High-Voltage Bus Converter for Aerospace and Defense Applications

Andover, MA, November 17, 2008...V•I Chip Corporation, a subsidiary of Vicor Corporation (NASDAQ: VICR) announced the availability of a MIL-COTS BCM™ bus converter. This high-efficiency (more than 95 percent), Sine Amplitude Converter (SAC)™ operates from MIL-STD-704E/F 270 Vdc and delivers an isolated 30.0 – 41.3 Vdc. This voltage is suitable as an input to the MIL-COTS PRM™ regulator and VTM™ current multiplier, and is ideal for aircraft distributed power applications.

The MIL-COTS BCM achieves a power density of 829 Watts per cubic inch in a V•I Chip package compatible with standard pick-and-place and surface mount assembly processes. The V•I Chip package provides flexible thermal management through its low junction-to-case and junction-to-board thermal resistance. Owing to its high conversion efficiency and safe operating temperature range, the BCM may not require a discrete heat sink in typical applications. Low junction-to-case and junction-to-lead thermal impedances assure low junction temperatures and long life in the harshest environments.

“While the new MIL-COTS High-Voltage Bus Converter Module is primarily suited for aerospace applications requiring a 270 Vdc nominal input,” says Keith Nardone, Director of Business Development for Aerospace and Defense, “this product can be used in a wide variety of applications that require high efficiency, fast transient response, a low profile, and overall design flexibility.”

There are two models available, the VMB0004MFJ (J-lead version) and VMB0004MFT (through-hole version). The MIL-COTS High-Voltage Bus Converter Module is priced as low as \$105.75 each in OEM quantities and is available in standard leadtime. To order, contact Vicor Customer Service at 800-735-6200 or e-mail custserv@vicr.com.

For a datasheet and more information on the VMB0004MFJ and other MIL-COTS products, including 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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Editorial Contact:

Iris Kimber

Sr. Strategic Marketing Manager

978-749-3396

ikimber@vicr.com

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