



Vicor's V-I Chip Wins EDN 2003 Innovation of the Year Award

March 30, 2004

ANDOVER, Mass.-(BUSINESS WIRE)—March 30, 2004—Vicor Corporation (NASDAQ:VICR) announced today that its V-I Chip Bus Converter Module (BCM) has won EDN magazine's 2003 "Innovation of the Year" Award for Power Supplies. V-I Chip BCMs provide breakthrough performance as bus converters for Intermediate Bus Architecture applications.

Vicor developed the BCM product through the invention of a new class of power conversion topologies, called Sine Amplitude Converters (SAC). SACs deliver isolated power to point of load converters by utilizing proprietary zero-voltage and zero-current switching (ZVS and ZCS) technology that allows efficient conversion at several million cycles per second while minimizing serial energy storage. The performance of SACs sets new standards in the levels of high power density, efficiency, low noise and fast transient response for board-mounted converters. This superior performance is provided in the new V-I Chip standard, a surface mount component available with either ball grid array (BGA) or J-lead terminations.

The V-I Chip's first application is for 48 V Intermediate Bus Architecture (IBA) power system implementations. With up to 1,000 Watts/cubic-inch power density and 97% efficiency, V-I Chips offer significant benefits when used as Intermediate Bus Converters (IBC). BCMs are also an order of magnitude quieter and faster than hard-switching IBCs.

First members of the 48 V BCM family are models with outputs of 48 V at 300 Watts, 9.6 V at 240 Watts, and 12 V at 200 Watts.

"EDN's award confirms the significance of Vicor's V-I Chip technology" said Andy Hilbert, Senior Director, Product Marketing. "It is gratifying to see the engineering community declare the V-I Chip BCM the most significant innovation in power during 2003. BCMs offer power system designers unrivalled performance while substantially reducing the cost-per-Watt of power conversion, at both the component and system levels."

Readers of EDN chose the winners across 13 categories from a list of finalists. The award to Vicor was announced during EDN's awards ceremony held in San Francisco on March 29, 2004. EDN, a premier electronic design magazine, is published by Reed Business Information, headquartered in Newton, Massachusetts.

For more information on Vicor and the BCM and V-I Chips, please visit www.vicorpower.com

Vicor Corporation designs, develops, manufactures and markets modular power components and complete power systems based upon a portfolio of patented technologies. Headquartered in Andover, Massachusetts, Vicor sells its products primarily to the telecommunications, electronic data processing, industrial control and military electronics markets.

This press release contains certain forward-looking statements as that term is defined in the Private Securities Litigation Reform Act of 1995. You can identify these statements by our use of the words "may," "will," "would," "plans," "expects," "anticipates," "believes," "is designed to," "continue," "estimate," "project," "intend," and similar expressions. These forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those projected or anticipated. These risks and uncertainties include our ability to develop new products cost-effectively and our ability to decrease manufacturing costs, as well as those risks and uncertainties identified in the Company's Annual Report or Form 10-K. The risk factors contained in the Annual Report on Form 10-K may not be exhaustive. Therefore, the information contained in that Form 10-K should be read together with other reports and documents that the Company files with the SEC from time to time, which may supplement, modify, supersede or update those risk factors.

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