

FOR IMMEDIATE RELEASE

Vicor Introduces Seven New Mid-Power Micro Modules

Expands 300 V Input, High-Density DC-DC Converter Family

Andover, MA, April 4, 2006...Vicor Corporation (NASDAQ: VICR) announced the addition of seven mid-power Micro DC-DC converters to the high-density 300 Vdc input family: two 50 W models, one at 3.3 Vout and 5 Vout, and five 75 W models at 12, 15, 24, 28, and 48 Vout. The modules are appropriate for designing off-line power systems for industrial and process control, distributed power, medical, ATE, communications, defense, and aerospace applications.

The addition of these modules doubles the size of the high-power density 300 Vin Micro family, which previously consisted of 100 W at 5 Vout, and 150 W at 12, 15, 24, 28, and 48 Vout. The converters operate from 300 V nominal input, with an input range of 180 V to 375 V, and have power densities up to 90 W/cubic inch with efficiencies up to 90%.

The modules, which are RoHS compliant (with F or G pin option), are 2.28 x 1.45 x 0.5 inch (57,9 x 36,8 x 12,7mm) in size with a height above board of 0.43 inch (10,9mm).

“These mid-power Micros offer customers a cost-effective solution for applications that don’t require the full power capability of the Micro module”, said Robert Marchetti, Manager, Product Marketing.

Pricing for the mid- power Micros begins as low as \$0.72/Watt in quantities of 1000, and they are available in standard leadtimes.. For data sheets and additional information on Vicor DC-DC and AC-DC power products, please visit the Vicor website at www.vicorpower.com. To order, contact Vicor Express at 800-735-6200 or e-mail vicorexp@vicr.com.

Technical Contact:

Editorial Contact:

Robert Marchetti
Manager, Product Marketing
978-749-3511
rmarchetti@vicr.com

Iris Kimber
Senior Strategic Marketing Manager
978-749-3396
ikimber@vicr.com

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,” “should,” “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 on 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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