

Vicor Introduces New Mid-Power 48 Vin Micro Modules

Andover, MA, August 3, 2006...Vicor Corporation (NASDAQ: VICR) announced the addition of six mid-power Micro DC-DC converters to the 48 Vdc input family: a 50 W model at 3.3 Vout and 75 W models at 12, 15, 24, 28, and 48 Vout. The modules — which incorporate Vicor's patented low-noise Zero-Current and Zero-Voltage Switching (ZCS/ZVS) — are appropriate for power system applications in distributed power, medical, ATE, communications, defense, and aerospace. Low noise ZCS/ZVS greatly reduces the design effort and filtering costs required for power converters to meet agency conducted emissions requirements.

With these new models, the 48Vin Micros family now comprises 16 models with output voltages from 2 to 48Vdc and power levels from 50 to 150W. The converters operate from 48 V nominal input, with an input range of 36 V to 75 V. Efficiencies range up to 89% for the higher output voltages. These models are available in five different environmental grades, with six different pin options and three baseplate options. They can be configured in any combination in Vicor's Custom Module Design System at www.vicorpower.com

The modules, which are optionally available in RoHS compliant models, are a compact 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 provide designers, who don't require the full-power capability of the Micro module, with a wider range of options that will make their designs more cost effective,” said Robert Marchetti, Manager, Product Marketing.

The new mid-power Micros are available from stock to 6 weeks leadtimes and are priced from \$48 in quantities of 1000. 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.

Vicor Corporation designs, manufactures and markets modular power components and complete power systems based upon a portfolio of patented technologies. Headquartered in Andover, Massachusetts, Vicor sells its broad portfolio of leading power conversion products to the communications, information technology, industrial control, medical and military electronics markets.

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