



Picor Introduces New EMI Filters Optimized for V•I Chip Applications



NO. SMITHFIELD, RI, MAY 31, 2006... Picor, a subsidiary of Vicor Corporation (NASDAQ:VICR), today introduced two new product additions to its QPI QuietPower® input filter product offering: the QPI-12 V•I Chip EMI filter and the QPI-10 V•I Chip EMI filter with hot swap, for AdvancedTCA® applications.

The QPI-12 EMI filter is specifically designed to attenuate conducted common-mode and differential-mode noise, to comply with CISPR22 requirements. The filter is designed to operate from 10 Vdc to 76 Vdc and supports 7 A loads up to 80°C; it is parallelable for higher power and occupies only 0.5" square inch of board area.

The QPI-10 complies with AdvancedTCA PICMG3.0® requirements for hot insertion and board-level conducted

noise limitations defined by EN 55022 class B. The EMI filter provides conducted common-mode and differential-mode noise attenuation from 150 kHz to 30 MHz. The QPI-10 is designed for use on a 48- or 60-volt DC bus (36-76 Vdc). The in-rush current limit and circuit breaker are designed to satisfy the 200 W per board PICMG3.0 limit up to 70°C PCB temperature around the QPI-10.

"Both of these devices are small, low-profile SiPs that reduce the total noise spectrum to well below the EN55022 Class B Quasi-peak detection limit," said Bob Lanoue, Picor Systems & Applications Manager. "The QPI-10, of course, also meets PICMG3.0 requirements for hot insertion." Both are optimized for use upstream of the V•I Chip Factorized Power Architecture.

QPI-12 is packaged in a 12.4mm x 25mm x 4.5mm size LGA SiP; QPI-10 is a 25mm x 25mm x 4.5mm SiP. Both products are packaged in anti-static tubes. QPI-12 sells for \$6.75 and QPI-10 sells for \$12.10, in 1,000-piece quantity. Delivery is stock to 6 weeks.

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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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