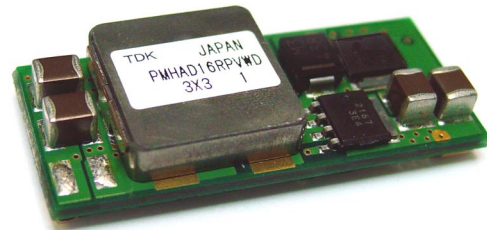


TDK Innoveta introduces ultra wide input range (6V-14V) POL converter

Richardson, TX, USA - TDK Innoveta Inc. announced today a non-isolated point-of-load (POL) converter which is suitable for intermediate bus architectures. The PMH-series covers a wide input range of 6V-14V, providing a 16A output current with adjustable output voltage of 0.75V-3.63V, in a standard surface mount footprint of 1.3in. x 0.53in. x 0.24in. (33mm x 13.5mm x 6.2mm).



The PMH is the first POL product in standard footprint to cover regulated 12V bus, semi-regulated 12V bus, and unregulated 12V and 9.6V buses with a single part number.

In telecom, datacom, server, and storage markets, the intermediate bus architecture is becoming popular and is evolving due to its flexibility, availability, and low cost. In particular, unregulated or fixed ratio bus converters offer the highest power density and best value for the isolation stage. TDK's FReta™ Series products, including the iQD 300W quarter brick and the iEB 150W eighth brick, are cutting edge examples of fixed-ratio technology. A 4:1 fixed ratio bus converter for an input of 42V-56VDC provides a 10.5V-14VDC bus, while a 5:1 fixed ratio bus converter for an input of 36V-60VDC delivers a 7.2V-12VDC bus. To cover the total span of bus voltages with one POL converter, TDK releases the wide input range PMH-series.

The PMH-series offers many advantages:

- PMH product provides a wide input range of 6V-14VDC by an enhanced control design, covering the output range for both 4:1 and 5:1 unregulated bus converters, reducing inventory for the customer.
- PMH product provides maximum 53W (3.3V/16A) with high efficiency of 92%, and adjustable output voltage of 0.75V-3.63V using an external trimming resistor. The wide range output also reduces the number of devices that the customer must stock.
- PMH's surface mount configuration and light weight of 6.5g make it easy to automatically pick-and-place.
- PMH product is RoHS compliant.
- PMH product provides full, auto-recovery protection for input under voltage, output short circuit (non-hiccup type), and thermal limit.
- PMH-series offers an ultra low profile of 6.2mm (typ), allowing use in tight board pitch applications.

About TDK Innoveta Inc.

TDK Innoveta Inc., formerly Innoveta Technologies, continues to set new benchmarks for technological innovation and business efficiency in the development, manufacturing and support of high density power products. TDK DC-DC converters combine flexibility, reliability, and the highest usable power density for telecommunications, data communications and computer applications. For information, please call toll free at 1-877-498-0099 or visit our website at <http://www.tdkinnoveta.com>