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News Release

FOR IMMEDIATE RELEASE

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VPT Introduces New 10A Point-of-Load Converter

BLACKSBURG, VA, November 6, 2006 - VPT Inc., the innovative leader in providing power handling products, added a new point-of-load converter to its new DVPL Series today. The new DVPL0510S provides engineers with an entirely new way to achieve high current, low voltage point-of-load power distribution in military, avionics, and space electronics systems.

The DVPL0510S is a non-isolated, synchronous, buck regulated converter that steps down the voltage at the point of end use. Measuring just over one square inch, the DVPL0510S delivers up to 10A (33W) of high current for a low voltage output of 0.8V to 3.4V, with up to 96% efficiency. With its tiny size, light weight, and high output current, engineers save cost and valuable board real estate with this affordable power distribution system.

The new DVPL0510S also features:

- Military grade reliability
- 5V Input
- High power density: >100 W/in³
- Operation over the full military (-55°C to +125°C) temperature range with no power derating
- Precision projection welded hermetic package
- Output voltage sequencing and tracking
- Operation into a pre-biased output
- Output inhibit control
- Low output noise
- Over current and short circuit protection
- MIL-STD-461C and MIL-STD-461D EMC compliance when used with VPT DC-DC converters and EMI filters
- Optional additional environmental screening
- MIL-PRF-38534 element evaluated components

The new DVPL0510S is designed for use in low voltage point-of-load applications such as FPGAs, digital IC's, ASICs, processors, and others. Multiple DVPL0510S modules can be used with VPT's high efficiency, high power DC-DC converters for a complete power distribution system. Full technical specifications are posted on www.vpt-inc.com.

****MORE****

VPT's new DVPL0510S is immediately available and can be ordered directly from VPT or through one of its sales distributors. The cost is \$205.00 per unit in OEM quantities .

For further information, contact VPT at (425) 353-3010.

About VPT

VPT, Inc. leads the industry in providing innovative DC-DC converters, EMI filters, and custom engineering services for avionics, military, and space applications. Working in partnership with Delta Electronics, the world's largest commercial power supply manufacturer, VPT delivers its patented power solutions in a fast timeframe, with the highest certified quality, at a comfortable cost. Every day, organizations like NASA, Lockheed Martin, Boeing, Raytheon, the United States Air Force, and many more depend on quality solutions from VPT to power critical systems. Whether on the ground, in the air, or beyond, VPT provides the power driving critical missions today.

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