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News Release

FOR IMMEDIATE RELEASE

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VPT Introduces New DC-DC Converter Product Line For Military and Aerospace Programs

*New Products Provide More Choices for Companies Seeking to Reduce Costs
Consistent with Commercial-Off-The-Shelf Directive*

BLACKSBURG, VA, February 12, 2007 - VPT Inc., the innovative leader in providing power conversion products, introduced a new line of DC-DC converter and EMI filter families today. Initially comprised of 15 modules, the new VPT Series of converters and filters brings high performance, high reliability solutions at a lower cost to designers of aircraft, vehicles, and weapons systems.

“Some electronics systems designers have chosen to rely on commercial-grade parts in an attempt to reduce costs when using “commercial-off-the-shelf” (COTS) DC-DC converters. Because these commercial grade products are not specifically designed for the higher reliability markets, system designers have been hampered by less temperature tolerance, excess weight, and lower reliability in extreme situations.” explained Michael Bosmann, Senior Vice President of Sales and Marketing for VPT. “Today we’re introducing a whole new line of converters that solves the designer’s issues of satisfying the COTS directive for lower cost solutions with higher reliability components.”

The VPT Series delivers value, performance, and technology tailor-made for the unique requirements and challenges of military and avionics programs. “These new products complement our proven MIL-PRF-38534 compliant products, providing our customers with an excellent alternative while designing for demanding cost sensitive applications. The VPT Series offers small size, robust design, -55°C performance, and reliable designs with significant cost savings when compared with full military compliant products. The VPT Series is a perfect match for many applications in today’s market.”

Meeting the New Demands of Today’s Military and Avionics Systems

The new VPT Series combines proven technology with new designs to satisfy today’s key requirements of military and avionics systems including size and weight, EMI requirements, and reliability through extreme environmental

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conditions. VPT understands the specific requirements of military and avionics markets, and continues to provide long-term production support, technical assistance, and the ability to accept low volumes for this VPT Series.

The VPT Series initially offers:

- ▶ 13 DC-DC converters from 5W – 100W
- ▶ 2 EMI filters at 1A and 3A max current
- ▶ Single output configurations of 3.3V, 5V, 12V, 15V, and 28V (100W version only)
- ▶ Designed for MIL-STD-704A-E input range, much wider than commercial products
- ▶ Ultra high reliability performance through a patented magnetic feedback circuit with no optoisolators
- ▶ Very low output noise
- ▶ Wide input ranges
- ▶ Converters manufactured in the U.S.A. to the standard of JSTD-001
- ▶ Filters satisfy the requirements of MIL-STD-461C, D and E EMC requirements
- ▶ Operation over a wide temperature range of -55°C to +100°C is standard
- ▶ 6-sided metal cases for improved EMI, mechanical, and environmental performance (most commercial converters offer 5 sides of metal casing or less)
- ▶ Small size and light weight
- ▶ High power density
- ▶ Proven topologies and designs
- ▶ All products are 100% environmentally screened including 96 hour burn-in, 100% electrical testing, shock and vibration testing.

Later this year VPT will introduce several additional modules into this family, in single and dual output configurations.

Further Information

The VPT Series is immediately available and can be ordered directly from VPT or through one of its sales distributors. The converters start at \$128.06 per unit and the filters start at \$105.00 per unit in OEM quantities.

Interested engineers can visit the VPT Web site at www.vpt-inc.com or call (425) 353-3010 for specifications and to request a technical article on the new VPT Series.

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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