

NEWS RELEASE
For Immediate Release
April 28, 2006

HPS3512
168 Watt Power Supply with HPS-UPS firmware

Tri-M Systems is proud to introduce the HPS3512, a high power, high performance DC-to-DC converter that supplies +3.3V, +5V, and +12V outputs. The HPS3512 also includes a flash based microcontroller that supplies advanced power management, and an RS232 serial port. The HPS3512 is designed for low noise embedded computer systems, has a wide input range of 6-40V(>6:1) and is ideal for battery or unregulated input applications. The HPS3512 is specifically designed for vehicular applications and has heavy-duty transient suppressors (up to 18000W1) that clamp the input voltage to safe levels, while maintaining normal power supply operation.

The HPS3512 is a state-of-the-art Mosfet based design that provides outstanding line and load regulation with efficiencies up to 95 percent. Organic Semiconductor Capacitors and Polymerized Organic Semiconductor capacitors provide filtering that reduces ripple noises below 20mV. The low noise design makes the HPS3512 ideal for use aboard aircraft or military applications or wherever EMI or RFI must be minimized.

The HPS3512 has advanced power management functions that allow timed on/off control of the HPS3512, notification of changes to main power and secondary power status. Single unit pricing starts at \$429 USD, with quantity 100 pricing at \$364. For OEM pricing, disty information, international sales, or technical information please contact Tri-M Systems, Inc. at 604.945.9565.

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