



## **Power Integrations' New DPA-Switch Powers Emerging PoE Applications**

### **Monolithic IC Targets 10W PSU Designs Including Optimized Class 2 PoE Solutions**

#### **Debuts at APEC Conference in Anaheim, February 25 – March 1st**

SAN JOSE, Calif. - February 27, 2007 - Power Integrations, Inc. (OTC: POWI), the leader in high-voltage integrated circuits for power conversion, has today extended its DPA-Switch® DC-DC IC family with the introduction of the 10 W DPA422, which enables designers to develop efficient power supply designs for Power Over Ethernet (PoE) applications, and is especially suitable for Class 2 PoE implementations for applications such as VoIP telephones.

Explains Andy Smith, Power Integrations' product marketing manager for the DPA-Switch family: "Integrated PoE solutions available on the market are a costly answer to a simple requirement. In contrast, by using our DPA-Switch family plus a few low-cost discrete components, designers can achieve a similar solution – simply, reliably and cost-effectively."

Power Integrations' DPA-Switch family is the only scaleable family of parts available that covers all current and proposed PoE classes from 3 W to 30 W and beyond. Rated at up to 10 watts output power, the new DPA422 has been specifically designed to meet the power requirements of IEEE802.3af Class 2 Powered Devices (PDs).

DPA-Switch family devices include a monolithic 220 V MOSFET and feature voltage mode feedback control which requires no slope compensation, an internal, tight tolerance cycle-by-cycle current limit which needs no external current sense components and output overload and loop fault 'auto-restart' protection. Other benefits include remote ON/OFF control, low EMI, high efficiency, soft start and hysteretic thermal shutdown. The DPA422 device is available in DIP-8, SMD 8 package.

#### **Pricing & Availability**

DPA422P devices in the DIP-8 are priced at \$0.97 in 10,000-piece volumes and are available immediately. As well as PoE implementations, these devices are well suited to DC-DC merchant power supply designs and as a low-cost alternative to power bricks. More information on DPA422 is available on the PI Website at [www.powerint.com/dpaproduct](http://www.powerint.com/dpaproduct).

#### **About Power Integrations**

Power Integrations is the leading supplier of high-voltage analog integrated circuits used in power conversion. The company's breakthrough integrated-circuit technology enables compact, energy-efficient power supplies in a wide range of electronic products, in both AC-DC and DC-DC applications. The company's EcoSmart® energy-efficiency technology, which dramatically reduces energy waste, has saved consumers and businesses around the world more than an estimated \$2 billion on their electricity bills since its introduction in 1998. For more information, visit the company's website at [www.powerint.com](http://www.powerint.com).