

Power Integrations Releases PI Expert(TM) Suite Version 8

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Popular PSU Design Software Generates Full System Schematics, Bill of Materials, Thermal and Transformer Designs

SAN JOSE, Calif., Oct 19, 2010 (BUSINESS WIRE) -- Power Integrations (Nasdaq: **POWI**), the leader in high-voltage integrated circuits for energy-efficient power conversion, today introduced **PI Expert Suite** Version 8, the latest upgrade to its immensely popular power supply design software. The newly released update further improves the productivity of power supply design teams by greatly reducing the time to first prototype and by slashing the number of prototype iterations required to reach a finished product.

PI Expert Suite Version 8 dramatically simplifies the design process by generating a complete schematic of the power supply. The new release also features improved power transformer optimization techniques and a more flexible BOM (bill of materials) selection and report generation feature. New for **PI Expert Suite** Version 8 is a heatsink calculation and optimization tool which provides the designer with an estimation of the thermal design requirements for a new power supply concept. This may be used to guide layout and mechanical prototyping decisions - avoiding iterations and wasted time. The new version features enhanced PCB layout recommendations based on the device and package chosen, allowing the designer to minimize trace-induced EMI and board area, and also maximize electrical noise immunity and surge tolerance.

Comments Doug Bailey, vice president of marketing at Power Integrations: "Design automation is a critical component of engineering team productivity. **PI Expert** was the first such tool for power supply designers and remains the only comprehensive design tool capable of satisfying the flexibility demands of experienced power supply designers, while guiding those new to power supply engineering through the maze of technical and regulatory challenges to a successful outcome. The new features in **PI Expert Suite** Version 8 will further enhance engineering productivity by reducing the design and development investment required to produce a highly reliable

and cost-optimized power supply across a wide range of applications."

The English language release of **PI Expert Suite** Version 8 can be downloaded now at www.powerint.com/pi-expert. Additional language support will be released later in 2010. Transformer prototypes resulting from the use of this software may be ordered through Power Integrations' Rapid Transformer Sample Service (RTSS); a quick-start guide describing how to create a compatible design file is available at <http://www.powerint.com/rtss>.

About Power Integrations

Power Integrations is the leading supplier of high-voltage integrated circuits used in energy-efficient power conversion. The company's innovative technology enables compact, energy-efficient power supplies in a wide range of electronic products, in AC-DC, DC-DC and LED lighting applications. Since its introduction in 1998, Power Integrations' EcoSmart(TM) energy-efficiency technology has saved an estimated \$4.4 billion of standby energy waste and prevented millions of tons of CO2 emissions. The company's **Green Room** web site provides a wealth of information about "energy vampires" and the issue of standby energy waste, along with a comprehensive guide to energy-efficiency standards around the world. Reflecting the environmental benefits of EcoSmart technology, Power Integrations is included in clean-technology stock indices sponsored by the **Cleantech Group** (Amex: CTIUS) and **Clean Edge** (Nasdaq: CELS). For more information, please visit www.powerint.com.

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