



Power Integrations Releases New PI Expert(TM) Suite v7.1 Power Supply Design Software

Automated Power Supply Design Tool Supports LinkSwitch(R)-II, LinkSwitch(R)-CV; Features New Design Options for Constant-Current Offline LED Drivers

SAN JOSE, Calif., Dec 17, 2008 (BUSINESS WIRE) --

Power Integrations (Nasdaq:[POWI](#)), the leader in high-voltage integrated circuits for energy-efficient power conversion, today introduced a new version of its popular power supply design software, *PI Expert*. The software now supports the *LinkSwitch-CV* and *LinkSwitch-II* families of primary-side-control switcher ICs, and includes comprehensive design functionality for offline LED drivers.

PI Expert Suite v7.1 consists of three components:

- *PI Expert*: An interactive program that takes a designer's power supply specifications and automatically generates the electrical design and selects the critical components required to build a cost-effective switched-mode power supply. The tool also provides a detailed electrical and mechanical transformer design using PI's proprietary *eShield(TM)* EMI reduction techniques. Optimization choices stressing cost and efficiency are included to help designers target specific needs. The program reduces design time from days to minutes.
- *PI Xls Designer*: A hands-on approach to power supply design for advanced users and those who prefer a spreadsheet interface, along with support for recently introduced products not yet included in *PI Expert*. The tool generates detailed engineering and mechanical designs to assist users in prototyping the transformer.
- *PI Viewer*: A tool for viewing design files created with older versions of *PI Expert*.

Explains Doug Bailey, Power Integrations' vice president of marketing: "Power Integrations focuses on making it easier for designers to create highly efficient power supplies. Typically, system developers go through a make/buy decision for their power supply needs - trading additional unit cost against development cost and risk. *PI Expert* arms system designers with the tools they need to take advantage of lower production costs by designing and building a custom power solution. The new version 7.1 software dramatically simplifies the design process, guiding the designer to a predictable and successful project outcome."

Bailey continues: "The design of LED drivers poses a unique challenge in that LEDs must be driven with a constant current, rather than a constant voltage. *PI Expert* Suite v7.1 adds full design support for offline LED lighting applications."

PI Expert Suite v7.1 is available now for free download, with fully supported English and simplified Chinese versions, at <http://www.powerint.com/pi-expert>. Transformer prototypes generated by the software may be ordered through PI's 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 analog 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^(R)* energy-efficiency technology has saved an estimated \$3.1 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.

SOURCE: Power Integrations, Inc.

Power Integrations, Inc.
Peter Rogerson, 408-414-8573 (Media)
progerson@powerint.com

Joe Shiffler, 408-414-8528 (Investor Relations)

jshiffler@powerint.com

or

Billings Europe PR Agency

Nick Foot, +44 (0) 1491-636 393

nick.foot@billings-europe.com

Copyright Business Wire 2008

News Provided by COMTEX