



## **New PI Expert™ SMPS Software from Power Integrations Shortens Design Time**

### **Suite 5.0 Simplifies SMPS Designs Between 1 and 200 Watts**

SAN JOSE, Calif. - March 11, 2004 - Power Integrations (NASDAQ: POWI), introduced a new generation of the company's dynamic power supply design tool today, delivering shorter design times for switched mode power supplies (SMPS) built with the company's highly scalable power conversion integrated circuits. The PC-based software, PI Expert Suite version 5.0, automates the design of flyback, forward converter, and buck topology power supplies, and utilizes an intuitive user interface and new productivity enhancing features.

The new software suite consists of three major components:

- PI Expert Design Software is an interactive program that takes a designer's power supply specifications and automatically determines the critical components needed to generate an energy efficient switch mode power supply. These include transformer specs (the most difficult and time-consuming portion of the power supply design process), bulk input capacitance, and the selection of the correct Power Integrations' power conversion IC. The software saves hours of engineering design time.
- PIXIs Designer offers spreadsheet design support for recently released products as well as for users who prefer a simplified spreadsheet approach.
- PI Viewer allows the viewing of designs created with previous versions of PI Expert.

This new PI Expert Design Software version has undergone a major redesign and expansion. Enhancements include a greatly improved user interface, a new Design Wizard that guides the user to the best circuit topology, and the best Power Integrations device family to fit the power supply requirements. It also adds an interactive schematic diagram featuring GUI circuit blocks for ease of user modification, a design navigation tree for simultaneously browsing multiple designs, and new design forms to determine resistor values to implement overvoltage and under-voltage protection and to set external current limit.

The CD ROM also contains a complete library of the company's latest data sheets and application notes, as well as a mirror copy of the company's Web site. PI Expert Suite version 5.0 is offered free of charge and is available immediately as a download from the company's Web site at [www.powerint.com](http://www.powerint.com) or through the company's worldwide distributor network.

Power Integrations is a leading supplier of high-voltage analog integrated circuits for use in AC to DC and DC to DC power conversion. For more information, contact the company at 5245 Hellyer Avenue, San Jose, California 95138, PH: (408) 414-9200 or visit the company's web site at [www.powerint.com](http://www.powerint.com). For information on meeting energy regulations, visit the Power Integrations Green Room at [www.powerint.com/greenroom](http://www.powerint.com/greenroom)