

For Immediate Release
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ZM7300 Controllers Manage Both Analog Components and Digital POL Converters

Camarillo, CA – Nov. 16th, 2005 – Power-One, Inc., (Nasdaq: PWER) today announced the introduction of the ZM7300 Series of Digital Power Managers. The ZM7300 Series products are the first power controllers ever available that can manage analog components – including VRMs, linear regulators, Point-Of-Load (POL) converters, fans, and others – while simultaneously managing digital POL converters for a total of up to 32 devices. These open-architecture Z-Alliance[™] compatible products can communicate with host systems via industry-standard I²C interfaces, to support 100kbs and 400kbs modes of operation.

ZM7300 controllers are available in industry-standard 9 x 9mm QFN packages that are less than one-sixth the size of Power-One's previous generation of Digital Power Managers. In addition to purchasing ZM7300 controllers preprogrammed to their exact requirements, customers can perform programming via an IEEE 1149.1 compliant JTAG port during board assembly, or by using the wizard-driven Z-Series graphical user interface and the I²C port.

ZM7300 products also provide “on-the-fly” reprogramming capabilities without having to remove or replace any components on the board. Four independent enable outputs and Power Good inputs facilitate controlling analog components. Z-Series POL converter programmability includes:

- Output voltages, tracking, and sequencing
- POL switching frequency and interleaving
- Overcurrent, overvoltage, and undervoltage protection thresholds
- Power Good signal limits
- Feedback compensation network optimization
- Fault management scenarios

Monitoring capabilities include output voltage, current, and temperature for each Z-Series converter. A buffer stores this information for host-system communications, facilitating system-level monitoring and remote diagnostics. Z-Series controllers can also monitor the intermediate voltage bus, accept external interrupts, and initiate crowbar protection.

Unit pricing for an eight-node controller is approximately \$8.50 for a quantity of 1,000 pieces. Production quantities of RoHS-compliant ZM7300 models, ranging from 4 to 32 nodes, will be available in Q1' 2006.

Power-One products power high-availability infrastructure applications such as: wireless communications, routers, data storage and servers, optical networking, medical diagnostic, railway controls, and semiconductor test equipment. Power-One, with headquarters in Camarillo, CA, has global sales offices and manufacturing and R&D operations in China, the Dominican Republic, Ireland, Slovakia, Switzerland, and the United States.

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