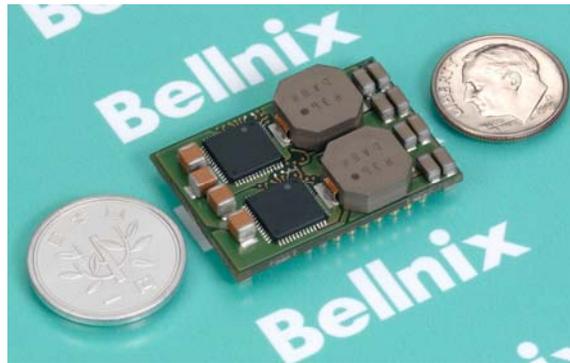


High-Current Bellnix Power Module Relies on Powervation's Digital Controller Technology for Precision Output Voltage Control

Low-Profile, 60 A PMBus™ Compliant Module Support Parallel Operation and Incorporates Powervation's Auto-Control® for Higher Performance and Greater Ease of Use



Cork, Ireland, and San Jose, CA, December 3, 2013: Powervation Ltd. (www.powervation.com), the leader in Intelligent Digital Power™ IC solutions, today announced that its PV3012 digital controller has been adopted by leading power supply manufacturer, Bellnix Co., Ltd. for use in a new low-profile, 60 A DC/DC module. The BDP12-0.6S60R0 digital power module is a PMBus compliant, non-isolated step-down converter that is designed for today's Communications and Computing applications, and addresses the needs for small form-factor designs while providing high reliability and high performance.

Bellnix's 60 A BDP is the first in a series of Bellnix Digital Power modules based on Powervation's digital controller architecture that provides a total power solution in a low-profile, 10 mm, form-factor. The 60 A BDP uses Powervation's PV3012 digital two-phase controller, and parallel BDP module operation is supported via Powervation's DSS® current sharing bus. This PMBus compliant module features precision measurement & telemetry reporting, a full-line of programmable power supply protection features, power good, and optional tracking function, all in a compact 32.8 mm x 23.0 mm ROHS compliant SMD package design.

"The 60 A BDP module is the first Bellnix Digital Power module to use Powervation's digital control technology," said Noritaka Kojima, Bellnix's Vice President of Worldwide Sales. "This module features highly accurate control of the output voltage, and the ability to parallel a second BDP module for even higher power delivery requirements. We are planning to release 30 A and 90 A versions in the future, so

that users can combine 30 A, 60 A, or 90 A modules for parallel operation. Our low-profile, ultra-small footprint design provides a high efficiency, high-current modular solution that supports the needs of today's space critical applications while providing the benefits and flexibility of a PMBus compliant digital power supply. The 60 A BDP provides high performance with an output voltage accuracy of $\pm 0.5\%$; our 60 A BDP will support power designers of 28 nm, 20 nm, 16 nm and other advanced process FPGA , ASIC and ASSP solutions.”

“We are excited to work with a leading power supply module designer such as Bellnix and are impressed with the low-profile, compact design their engineering team has accomplished,” commented David New, Powervation's Vice President of Product Marketing. “This high-current Bellnix module takes full advantage of PV3012's dual-phase capability, precision control, and real-time auto-tuning architecture to deliver higher system performance and reliability.”

Powervation's Auto-Control is the industry's leading intelligent auto-tuning technology. The patented adaptive compensation technology optimizes dynamic performance and system stability in real-time without requiring any noise injection or the drawbacks of periodic techniques. This is a key benefit for modules and other designs that drive unknown or variable output loads, and addresses the challenges of load parameter drift that occurs over temperature and time.

The BDP12-0.6S60R0 power module, GUI, and evaluation board are available now from Bellnix; to download the data sheet, visit <http://www.bellnix.com/news/307.html>. The PV3012 and other digital control ICs are available from Powervation.

About Powervation

Powervation (www.powervation.com), the Intelligent Digital Power™ Company, delivers breakthrough intelligent digital IC solutions for designers of Communications, Computing, and power Point-of-Load systems. The company's digital DC/DC controllers with Auto-Control® technology provides intelligent adaptive compensation, delivering significant benefits in performance, efficiency, reliability and breakthrough design simplicity. Powervation is a private company backed by leading global VCs - SEP, Intel Capital, VentureTech Alliance, Braemar Energy Ventures and is headquartered in Cork, Ireland, with sales/applications offices in San Jose, California and Taipei, Taiwan.

About Bellnix Co., Ltd.

Bellnix Co., Ltd. is a leading switching regulator manufacturer. Headquartered in Saitama-ken, Japan, Bellnix offers variety of switching modulators including Digital Controlled POLs, Fast Transient POLs, High Voltage DC/DC converter modules, DOSA compliance Power Modules and custom power modules. For more information, visit the Bellnix website at <http://www.bellnix.com> or contact Bellnix at info@bellnix.com.

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