Bel Power Releases Point-of-Load Power Converters Featuring Tunable Loop(TM) Technology

Non-Isolated DC/DC Converters Optimized to Improve Transient Response and Reduce External Filtering in a Broad Range of Power Architectures

WESTBOROUGH, Mass., Mar 23, 2010 (BUSINESS WIRE) -- Bel Power, a division of Bel Fuse Inc. (NASDAQ: BELFA) (NASDAQ: BELFB), today announced the addition of the SLIN Series of non-isolated, point-of-load (POL) DC/DC converters to their growing portfolio of parts targeting distributed power architectures and intermediate bus voltage applications. Under the terms of a licensing agreement with Lineage Power Corporation, Bel's new SLIN Series features Tunable Loop(TM) technology, which allows engineers to optimize the dynamic response of the converter to match customers' specific load requirements. This minimizes the quantity, type and size of the capacitors needed for any given application, and offers significant cost and performance advantages over other solutions and technologies. Packaged in a standard Distributed-power Open Standards Alliance (DOSA) footprint, and available in 3A, 6A, 12A and 20A versions, the SMT modules offer OEMs/ODMs maximum flexibility and efficiency without compromising development schedules. The SLIN Series is engineered to operate over a wide input voltage range of 4.5V to 14V and provide a precise output voltage of 0.59V to 5.5V, programmable via an external resistor. The series moreover consists of modules, which operate at efficiencies of up to 94.3%. Parts are RoHS EU Directive 2002/95/EC complaint, and carry a full set of international safety approvals including UL and UL60950.

The cost-effective, compact, open-frame construction of the SLIN Series makes these converters ideally suited for an array of state-of-the-industry, high-current microchip designs requiring dense inter-board spacing. Parts are used in a variety of applications, ranging from simple standalone operation to an integrated component of sophisticated power architecture. They are most commonly specified for use on PC boards in telecommunications equipment, server and storage applications, and enterprise networks.

The new power modules' features include tight 10-millivolt load voltage regulation, fixed frequency synchronous rectification control, remote on/off, adjustable output voltage, over-current and over-temperature protection, output voltage sequencing, and paralleling with active current sharing. They additionally provide a power good signal and current sink/source capabilities. Parts operate over an ambient temperature of -40 degrees C to +85 degrees C. To learn more about the SLIN Series of DC/DC converters visit, Bel Power SLIN converters or www.belpower.com.

Pricing for the SLIN Series, in quantities of 10,000, is $4.60, $4.80, $5.45 and $6.05 each for the 3A, 6A, 12A, and 20A models, respectively. Samples and production quantities are available from stock with lead times of up to 12 weeks. To locate a representative, visit http://belfuse.com/BelPower/FindARep.asp, or to find a distributor, visit http://belfuse.com/BelPower/DistributorList.asp

Tunable Loop(TM) is a registered trademark of Lineage Power Corporation

About Bel

Bel (www.belfuse.com) and its divisions, including Bel Power, are primarily engaged in the design, manufacture, and sale of products used in networking, telecommunications, high-speed data transmission, commercial aerospace, military, transportation, and consumer electronics. Products include magnetics (discrete components, power transformers and MagJack (R) connectors with integrated magnetics), modules (DC/DC converters, integrated analog front-end modules, custom designs), circuit protection (miniature, micro and surface mount fuses) and interconnect devices (micro, circular and filtered D-Sub connectors, passive jacks, plugs and high-speed cable assemblies). The Company operates facilities around the world.

Except for historical information contained in this news release, the matters discussed are (including information regarding the Bel Power SLIN Series of POL Converters) forward-looking statements that involve risks and uncertainties. Among the factors that could cause actual results to differ materially are the following: the effect of business and economic conditions, the impact of competitive products and pricing; capacity and supply constraints or difficulties; product development, commercializing or technological difficulties; the regulatory and trade environment; and the risk factors reported from time to time in the Company's SEC reports.

SOURCE: Bel Fuse Inc.

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