



Bel's New HomePlug(R) AV PLC Modules For Embedded Networking or Consumer Electronics Applications

Devices Integrate Intellon's INT6400/INT1400 Chip Set to Assure Optimum Performance and Reliability

JERSEY CITY, N.J., Jul 14, 2009 (BUSINESS WIRE) -- Bel Fuse Inc. (NASDAQ:BELFA) (NASDAQ:BELFB), a premier developer of magnetic-based solutions for high-speed networking and computer applications, today announced the availability of their newest Powerline Communications (PLC) transceiver modules (PN# 0804-5000-17 and 0804-5000-18) to support HomePlug^(R) AV standards. The low-power modules notably integrate Intellon's third-generation INT6400/INT1400 HomePlug AV chip set, along with the majority of components required for adding HomePlug AV functionality to any embedded consumer electronics or networking product. Devices feature a MII (Host and PHY) interface, and easily connect to embedded systems via the standard 1.27 mm header to further assist OEMs and ODMs speed time-to-market and minimize BOM costs.

Designed to support the development of HD-grade communication bridges both to and from the powerline, Bel's PLC transceiver modules are well suited for the broadest spectrum of embedded HomePlug AV applications including High Definition (HD) and Standard Transmission (SD) video distribution, Internet Protocol Television (IPTV), Voice over Internet Protocol (VoIP) and backbone for Wi-Fi, UWB and wireless USB. They are equally appropriate in higher data rate broadband sharing, shared broadband Internet access, audio and video streaming, and file sharing applications.

"Bel is pleased to again be partnering with Intellon to bring modular solutions to the ever-expanding embedded HomePlug AV market," said Lee Hancock, broadband product manager at Bel. "Our new PLC transceiver modules, incorporating Intellon's INT6400 IC, provide the most integrated, cost-effective solution to embed HomePlug AV into in-home multimedia applications."

Chris Henningsen, vice president of marketing at Intellon, stated, "Intellon and Bel are jointly committed to meet customers' requirements for easy-to-build embedded HomePlug AV applications. We are confident that the integration of our INT6400/INT1400 chip set into Bel's HomePlug AV modules will help shorten product development and production cycles while ensuring the ultimate in HomePlug AV functionality."

The small-footprint, SIP modules are available in vertical or horizontal configurations and measure 2.776" (L) x 0.238" (W) x 1.249" (H), or 2.776" (L) x 1.142" (W) x 0.293" (H), respectively. They boast a low DC power requirement of 830 mA from a single 3.3 V supply and are fully compliant with the HomePlug AV standard to reliably deliver up to 200 Mbps PHY rate over powerline wiring. Featuring 128-bit AES link encryption with key management to secure powerline communications, parts support 1024/256/64/16/8-QAM, QPSK, BPSK and ROBO modulation schemes. For complete specifications regarding Bel's new transceiver modules, visit <http://www.belfuse.com/Data/Datasheets/0804-5000-17-18.pdf>.

Samples of Bel's HomePlug^(R) AV PLC modules are available immediately. To locate a representative, visit <http://belfuse.com/BelPower/FindARep.asp>, or to find a distributor, visit <http://belfuse.com/BelPower/DistributorList.asp>.

About Bel

Bel (www.belfuse.com) and its divisions are primarily engaged in the design, manufacture, and sale of products used in networking, telecommunications, high-speed data transmission, 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 (passive jacks, plugs, and cable assemblies). The Company operates facilities around the world.

About Intellon Corporation

[Intellon](http://www.intellon.com) (Nasdaq: ITLN) is a market leader in [powerline](#) communications, providing HomePlug^(R) compliant and other powerline integrated circuits for home networking, [networked entertainment](#), [BPL](#) access, Ethernet-over-Coax (EoC), smart grid management and other commercial applications. Intellon created and patented the baseline technology for HomePlug 1.0, and is a major contributor to the baseline technology for the 200-Mbps PHY-rate [HomePlug AV powerline standard](#). With more than 30 million HomePlug-based ICs sold, Intellon is the market share leader in the HomePlug IC market. The Company was founded in 1989 and is headquartered in Orlando, Florida, with offices in Ocala, Florida, San Jose, California and Toronto, Canada. For

additional information, visit www.intellon.com.

Except for historical information contained in this news release, the matters discussed (including information regarding the 0804-5000-17 and 0804-5000-18 embedded HomePlug^(R) AV modules) are 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.

Intellon is a registered trademark of Intellon Corporation. HomePlug is a registered trademark of the HomePlug Powerline Alliance.

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