Bel Fuse and Teranetics Join Forces to Deliver Industry's Highest Density 10GBASE-T Solution

Teranetics' Dual-Port 10GBASE-T PHY and Bel's 2x4 MagJack® Integrated Connector Enable 48 Ports in One Rack Uni

JERSEY CITY, NEW JERSEY, September 15, 2008 . . . BEL FUSE INC. (NASDAQ:BELFA) & (NASDAQ:BELFB) – Teranetics, Inc., a leading provider of high performance Ethernet solutions, and Bel Fuse Inc. today introduced the industry's highest density 10GBASE-T solution, which enables switch manufacturers to design up to 48 RJ-45 ports into a single rack unit. The joint solution showcases Bel's G08-8NNR-031 2x4 MagJack® connector along with the recently introduced TN2022, dual-port 10GBASE-T PHY IC from Teranetics.

The 10GBASE-T solution from Bel and Teranetics will allow original equipment manufacturers (OEMs) to design systems that deliver 10 times more bandwidth at nearly one-third of the cost of, and in the same rack space as, existing 1 Gigabit Ethernet systems. The Teranetics TN2022 features multi-rate capabilities, consuming only six watts of power per port at the full 10 Gigabit rate, and operates at cable lengths exceeding one hundred meters. Bel's G08-8NNR-031 MagJack® connector delivers the highest density with its double stack, eight-port format, while supporting Ethernet signal transmission at 10GBASE-T data rates and distances.

"Bel has a track record of delivering high performance magnetics for BASE-T technologies" said Kamal Dalmia, vice president of marketing at Teranetics. "By combining the strengths of our high-performance PHY and the MagJack® integrated connector modules, Teranetics and Bel have set a new standard for port density, cost and performance."

"In addition to providing customers twice the port density, MagJack® connectors do not require OEMs to design-in mezzanine cards or any extra components," said John Hess, MagJack® product manager at Bel. "Coupled with the Teranetics PHY, it's the optimal 10 Gigabit, high-density solution."

Availability and Pricing

The TN2022 dual-port 10GBASE-T PHY transceiver and the G08-8NNR-031 MagJack® connectors are now available in sample quantities. Additional product information and pricing are available upon request.

About Bel

Bel Fuse Inc. (www.belfuse.com) and its subsidiaries 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®s), modules (DC-DC converters, integrated analog front end modules and custom designs), circuit protection (miniature, micro and surface mount fuses) and interconnect devices (passive jacks, plugs and cable assemblies). Bel operates facilities around the world.

About Teranetics

Teranetics, Inc. is a leading mixed-signal IC company that develops silicon products for the most advanced communication applications. The company develops 10GBASE-T transceivers, which are designed for next-generation network applications while supporting backwards compatibility with Gigabit Ethernet and Fast Ethernet. Teranetics is led by a team of individuals with expertise and experience in the development and application of mixed-signal semiconductor solutions and digital communication technologies. The company is backed by a strong consortium of venture investors, who bring in-depth experience and success in the semiconductor and data networking markets. For more information, visit www.teranetics.com.

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