

MergeOptics GmbH
Berlin, Germany
OFC 2006 – Booth #2274

MergeOptics unveils the availability of prototypes of a 40Gbit/s transponder in a XENPAK form factor. The design is utilizing MergeOptics' fully qualified LX4 technology as used for its 10GBASE-LX4 products, available in both form factors X2 and XENPAK.

Berlin Germany, -- March 3, 2006 MergeOptics GmbH a leading supplier of highly integrated, low power fiber optic components and transceivers, announced today the availability of prototypes of its next generation LX4 product supporting the market need for higher speed and higher density.

The latest development based on MergeOptics' LX4 technology is offered in a XENPAK form factor and is aggregating four individual electrical XFI data channels at 10Gb/s each which are optically multiplexed into a single fiber with a throughput of 40Gb/s. The transponder enables transmission distances up to 10km using four DFB based optical transmitter subunits, 4 optical PIN based receiver units, optical multi-/demultiplexer and retiming electronics resulting in a power consumption of only 6.5W.

As the product is based on MergeOptics' LX4 platform, which is fully qualified and currently being ramped up into volume production, the 40Gb/s transponder will initially be priced below \$8000.

Dag Neumeuer, President and CEO of MergeOptics stated today, "We are upgrading the industries most comprehensive 10Gb/s product portfolio towards a low cost 40 Gb/s solution. Based on our experience and well developed LX4 technology, which is fully qualified and complies with respective standards including EU-RoHS requirements, we will be able to support the emerging 40Gbit/s market with a solution enabling up to 10km transmission distance at very attractive cost".

The company will be exhibiting at the upcoming OFC 2006, (hosted at the Convention Center), Anaheim, California, March 7-9th, 2006, Booth# 2274

About MergeOptics

MergeOptics GmbH was founded in Germany, in September 2000. They develop highly integrated components and modules for the rapidly growing high-speed fiber optic data transfer market. The company integrates optical components (lasers, modulators and photo diodes) with high-frequency electrical circuits to create compact modules that operate with industry standard optical and electrical interfaces. MergeOptics' business objective is to specialize in high-speed optical products that are world-class for both integration and performance. MergeOptics has partnerships with several leading German universities and research facilities, including the prestigious Heinrich Hertz Institute in Berlin, Germany. For more information, please visit the company's website at www.mergeoptics.com or contact your regional Sales and Marketing.

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