EpiPhotonics

**<For immediate release>**

# EpiPhotonics unveils the world fastest nano-second speed 8x8 optical switch and VOA

**December 9, 2013**

San Jose, CA and Tokyo, Japan – EpiPhotonics Corp. has developed a 20 ns speed PLZT 8x8 optical switch and 20 ns speed PLZT Arrayed Variable Optical Attenuator (VOA). EpiPhotonics has also introduced new version of nano-second speed PLZT optical switches which integrated tapered waveguides for lower loss.

EpiPhotonics pioneers and leads electro-optic PLZT photonics. The PLZT photonics is a powerful optical waveguide platform which enables nano-second speed and polarization insensitive response at very low power consumption with no moving parts. Utilizing EpiPhotonics' PLZT photonics technology, the PLZT 8x8 optical switch and the PLZT VOA provide nano-second speeds which are the fastest available in the industry.

The application of nano-speed optical switches includes low-latency optical switching for data centers and interconnects, on-demand ROADM and OCX, software defined optical networks, optical packet switching, optical burst switching, and quantum photonics. The nano-speed VOA is useful for tansit/surge suppression, fast power control, channel blocking, and analog signal modulation.

EpiPhotonics now deliver the PLZT 8x8 optical switch equipped with a TTL control nano-second speed driver electronics and the PLZT VOA, together with newer version of low-loss PLZT optical switches including 1x1, 1x2, 1x8, 1x16, 2x2, and 4x4.

**About EpiPhotonics**

EpiPhotonics is a fast growing high-technology company headquartered in Tokyo with its main research, development and manufacturing facility in San Jose, California. By capitalizing on its proprietary PLZT electro-optic technology, EpiPhotonics designs, manufactures and markets advanced integrated photonics products for the optical communication market.

EpiPhotonics currently supplies high-speed optical switches and tunable AWGs to the world leading optical networking companies, testing equipment companies, fiber sensing equipment companies, and also research and governmental organizations.

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