Peru Customized High-Speed â€‹â€‹Optical-Electro-Photonic Connection LPO

By seamlessly integrating advanced silicon photonics, ultra high speed circuit and packaging designs, Hyper Photonix offers a comprehensive range of high-speed optical transceivers - with data rate ...

Highly integrated photonic integrated circuit chips designed for transceiver pluggable and co-packaged optics. Built for power and bandwidth efficient optical connectivity in the AI-scale data center.

This research program unites material and tool suppliers, foundries, IDMs, OSATs, fabless and system companies in the exploration of optical I/O technologies.

Discover how this revolutionary photonic interconnect technology is changing the game for Artificial Intelligence (AI) infrastructure by enabling massive scale-up bandwidth and radix, connecting GPUs, ...

Our all diode or fiber approach makes us the ideal partner for driving future innovations in the cutting-edge fields of optical inspection (e.g. brightfield and darkfield microscopy) and metrology techniques ...

Achieving improved electro-optical bandwidth density while maintaining optimized power efficiency necessitates addressing the optical power penalty associated with photonic integrated circuits.

The LPO MSA develops electrical and optical interoperability specifications for a diversity of high-density networking equipment and pluggable optical modules based on LPO technology

DAS Photonics has successfully led and participated in FP6, FP7 and H2020 funded projects, ESA and EDA R& D programmes.

OpenLight is the world-leader in custom, PASIC chip design and manufacture. OpenLight"s unique, heterogeneously integrated, silicon photonics technology enables next-generation PASIC designs, ...

Solderable compact optical interconnect terminating at 12 fiber MTP/MPO connector. Replaces pluggable Optical Transceivers and enables near packaged optical communication.

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