

US manufacturer of silicon photonics technology QSFP



Overview

Cisco designs and manufactures high-speed pluggable optical transceivers based on industry-leading silicon photonics technology platforms. Bellevue, Washington, February 27, 2023 – Hyper Photonix Ltd, a leading designer and manufacturer of high-performance silicon photonics powered optical transceivers, announces its entrance into the US optical transceiver market with Hyper Silicon™ enabled 400G DR4 general availability and OFC 2023. The Acacia QSFP28 100ZR optical module makes the benefits of coherent technology accessible to a wide range of applications such as access aggregation and campus/enterprise interconnects where a transition from 10G links to 100G is required to alleviate bandwidth constraints. Edge, Access |. Our module products are powered by our internally developed and purpose-built coherent Digital Signal Processor (DSP) Application-Specific Integrated Circuits (ASICs) and silicon Photonic Integrated Circuits (PICs), which are engineered to work together and integrate numerous signal processing and. Eoptolink - market leader in high speed optical transceivers: 800G, 400G QSFP56-DD and OSFP, 200G QSFP56 and QSFP-DD, 100G single lambda QSFP28 and SFP56, QSFP28 LR4 ER4 ZR4 DWDM & CWDM, CFPx. 6T OSFP transceivers are compliant to the latest version of the OSFP MSAs. The firmware. Engineer Teams provide 5x 24-hour tech support to tackle your most complex issues and provide tailored networking solutions. 200G DWDM Without 100G?

A 25G-Based 36km Solution for PacketStream 200G on 25G Optics?

Discover how QSFPTEK helped PacketStream engineer a reliable 200G DWDM network over. Hyper Photonix is a US supplier of high performance optical transceiv...

Article Content

Modular. Scalable. Silicon Photonics. | OpenLight Photonics

OpenLight is the world-leader in custom, PASIC chip design and manufacture. OpenLight's unique, heterogeneously integrated,

Optical Transceivers | Network Solutions for AI Cluster,

Empower AI data centers, HPC clusters with QSFPTEK transceivers, switches, cabling. Trusted by 3000+

Skorpios Technologies Inc. | Developing Next Generation Optical ...

Skorpios Tru-SiPh Achieves Record 0.35 FIT Laser Reliability, Setting New Benchmark for Silicon Photonics

QSFP28 » Acacia

The Acacia QSFP28 100ZR optical module makes the benefits of coherent technology accessible to a wide range of applications

Top 100 Photonics Companies in United States (2026) | ensun

The company, Analog Photonics, specializes in the development of photonic circuits and has created a fully operational Solid State

Intel® Silicon Photonics Pluggable Optical Transceivers

Intel® Silicon Photonics Pluggable Optical Transceivers product listing with links to detailed product features and specifications.

Top Photonic Quantum Computing Companies in 2026

Insider Brief Photonic quantum computing uses photons instead of matter-based qubits, offering room-temperature

Roadmapping the next generation of silicon photonics

Silicon photonics has developed into a mainstream technology driven by advances in optical communications. The

High Quality Optical Module Wholesaler

By seamlessly integrating advanced silicon photonics, ultra high speed circuit and packaging designs, Hyper Photonix offers a

Top Silicon Photonics Stocks 2026: Breaking the Copper Wall

TSMC's chairman publicly called silicon photonics a "More-than-Moore" pillar at the company's 2025 North America

Top 100 Silicon Photonics Companies in 2026 | ensun

Key takeaway Intel® Silicon Photonics integrates the manufacturing capabilities of silicon with the advantages of light on a single

High-Speed Pluggable Optics with Silicon Photonics

Silicon photonics designs are incorporated into QSFP pluggable form factors for network architectures based on 100G and 400G

United States Photonics Companies

Major Players: Within the US Photonics Market, several key players significantly influence trends and technological advancements.

Optical Transceivers | Network Solutions for AI Cluster,

QSFPTEK provides Crytek with high-density and high-reliability network solutions to help them solve

Hyper Photonix Announces Si Photonics 400G DR4

Hyper Photonix" 400G QSFP-DD DR4 module, built on Hyper Silicon™ technology, is

Global Leader in Materials, Networking, and Lasers

Visit us at Booth P502 to discover cutting-edge laser solutions and photonics technologies designed to

Eoptolink

Eoptolink offers 40G transceivers for both QSFP and CFP form-factors. In the QSFP form-factor there are SR4, LR4 and single

Silicon Photonics Companies

List of the top Silicon Photonics companies based on extensive research conducted by Mordor Intelligence analysts and expert

Top 100 Photonic Chip Companies in 2026 | ensun

Key takeaway Intel is a leading manufacturer in semiconductor technologies, and its Intel® Silicon

Fast Photonics | Lightwave Online

FAST Photonics Technologies, Shenzhen, China, has announced plans to develop and manufacture high-speed optical transceiver

Global Silicon Photonics Market Report 2025-2035, with Profiles of

The Global Silicon Photonics Market 2025-2035 provides an in-depth analysis of the rapidly evolving industry,

AIM Photonics Powers U.S. Innovation in Silicon

One of 18 Manufacturing USA institutes—and supported by the U.S. Department of Credo Technology Group Holding Ltd

Acquisition will bring industry-leading Silicon Photonics PIC technology in-house, expanding Credo's addressable

Top Silicon Photonics Companies in United States

Analog Photonics specializes in developing photonic circuits and disruptive technologies, particularly in silicon photonics. Their focus

Products » Acacia

Acacia is widely recognized as a pioneer of silicon-based PICs for coherent optical communications—the highly integrated Silicon

Intel® Silicon Photonics

Our US-based high-volume Silicon Photonics platform offers proven industry-leading quality and field reliability while

Top 10 companies in Silicon Photonics Market in 2023

Rockley Photonics – Revenue [US\$47 Million] For high-volume optics applications, Rockley Photonics is a fabless

Optoway Technology

Optoway is a boutique optics design and manufacturing company. We have been designing optical components and transceivers

Contact Us

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