

High-end silicon photonics module manufacturer



Overview

The top 6 silicon photonics companies in 2026, including Cisco Systems, Intel, IBM, NeoPhotonics, Hamamatsu Photonics, and STMicroelectronics globally. LIGENTEC is a leading European manufacturer of Photonic Integrated Circuits (PICs) providing access to state-of-the-art technologies. Through engineering excellence and. Cisco designs and manufactures high-speed pluggable optical transceivers based on industry-leading silicon photonics technology platforms. With its OFC 2026 announcements centred on 1. 6T optics, 800G linear pluggables, and AI networking, Cisco is one of the strongest commercial players in silicon. ficonTEC provides device micro-assembly and testing solutions for the photonic device industry. These solutions are realized as cutting-edge, high-precision production systems utilizing advanced automation approaches, regardless of the device material and target application. Our modular system. Get access to the business profiles of top 24 Silicon Photonics companies, providing in-depth details on their company overview, key products and services, financials, recent developments and strategic moves. Get market shares and tailor-made intelligence on top players.



Article Content

Top 6 Silicon Photonics Companies Worldwide 2026

The top 6 silicon photonics companies in 2026, including Cisco Systems, Intel, IBM, NeoPhotonics, Hamamatsu Photonics, and STMicroelectronics globally.

Top 100 Silicon Photonics Companies in 2026 | ensun

Elenion is at the forefront of silicon photonics technology, utilizing a proprietary manufacturing process in a major CMOS foundry to create highly integrated photonic devices.

Photonic Integrated Circuits (PICs) for Next Generation Space ...

Silicon photonics (SOI) is CMOS-compatible. CMOS infrastructure provides well controlled and rapidly scalable fab environment (higher yield than InP). Enables 3D-integration with driving CMOS

Silicon Photonics Companies

This report lists the top Silicon Photonics companies based on the 2023 & 2024 market share reports. Mordor Intelligence expert advisors conducted extensive

Silicon Photonics in Pluggable Optics White Paper

This white paper focuses specifically on the trend toward building optical devices in silicon. "Silicon photonics," as it is called, offers the promise of increased integration of optical components and

Top 10 companies in Silicon Photonics Market in 2023

Rise in adoption of 2.5D integrated onboard silicon photonics by data centers and rising demand for high bandwidth, high data transfer, and

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However, the high intangible weighting and negative free cash flow make tangible liquidity and capital-market access more relevant than accounting equity. Impairment sensitivity is material.

ST silicon photonics and BiCMOS technologies: the winning portfolio

Silicon photonic PIC100 technology represents a cutting-edge advancement in the field of optical communications and integrated photonics. Silicon photonics leverages the well-established silicon

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

The "Global Silicon Photonics Market 2025-2035" report has been added to ResearchAndMarkets 's offering. The silicon photonics market represents a transfo...

What is Silicon Photonics? : Hitachi High-Tech Corporation

What is Silicon Photonics? Silicon photonics is a technology for fabricating optical and electronic integrated circuit on silicon microchip. Since the

Photonics assembly and testing - From Lab to Fab -

ficonTEC Home. Manufacturer of automated micro-assembly and testing solutions for the photonics industry. From Lab to Fab.

Photonics packaging heads toward a \$14.4 billion market by 2031

Integrating photonic devices into reliable, scalable modules and systems is still one of the industry's most complex challenges. Yet that same complexity is also creating value, with the

About Us

We build optoelectronic modules based on all major PIC technology platforms, such as indium phosphide, silicon photonics, silicon nitride, and planar lightwave

Photonics Suppliers | Suppliers | Photonics Buyers' Guide | Photonics ...

Explore top photonics and optical component manufacturers in our comprehensive buyers' guide. Compare suppliers of lenses, lasers, cameras, filters, sensors, and more.

Global Leader in Materials, Networking, and Lasers

Communications Transform global communications networks with our comprehensive portfolio of coherent transceivers and modules, lasers, amplifiers,

Photonic Integrated Circuits: Research Advances and

Silicon photonics, serving as a cornerstone technology in modern information technology, demonstrates significant application potential in critical

Silicon photonics

ST unveils new silicon photonics and next-gen BiCMOS proprietary technologies. Leveraging 300mm silicon photonics as the leading technology platform for application-based innovations built in the EU.

Top Silicon Photonics Technology Companies & How to Compare

Enterprises seeking integrated, turnkey modules often turn to Cisco or Acacia. Meanwhile, industrial and telecom players might prefer II-VI or Lumentum for their specialized components.

Silicon Photonics: The Future of High-Speed Optical

Discover how silicon photonics enables high-speed, energy-efficient optical communication by integrating photonics and silicon

Silicon Photonics Companies

Intel Corporation (US) Intel is the global semiconductor innovation leader with deep core strengths in leading-edge chip manufacturing, integrated circuit design, and high-performance computing. Intel

Nvidia's high-end GPU shipments expected to grow 55

Forge Nano delivers wafer fab equipment to leading firm Forge Nano's TEPHRA platform will support development and manufacturing activities related

AIM Photonics

We offer start-ups, designers and developers, and academic researchers access to a supporting infrastructure of services across the entire silicon photonics

Contact Us

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