

Manufacturer Silicon Photonics Technology SFP





Overview

The top 6 silicon photonics companies in 2026, including Cisco Systems, Intel, IBM, NeoPhotonics, Hamamatsu Photonics, and STMicroelectronics globally. Factory-direct optical transceivers and high-speed cables, from legacy links to 1.5D integrated onboard silicon photonics by data centers and rising demand for high bandwidth, high data transfer, and government initiative to move towards e-banking are driving the Silicon Photonics market growth. As per the analysis by Expert Market Research, the market is expected to be driven by the surge in. Whether you're a cloud provider, system integrator, telco or reseller, choosing the right SFP module contract manufacturer affects compatibility, lead time, total cost of ownership and brand reputation. After gathering significant public information from various online sources and conducting relevant analysis and comparisons, we have compiled a list of the leading optical transceiver manufacturers based on market share. As data centers expand, 5G and edge networks mature, and AI workloads multiply, the small form-factor pluggable (SFP) optical transceiver — once seen as a modest workhorse — is stepping back into the spotlight.



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OEM/hite-Label Sfp Module Contract Manufacturers



Whether you're a cloud provider, system integrator, telco or reseller, choosing the right SFP module contract manufacturer affects compatibility, lead time, total cost

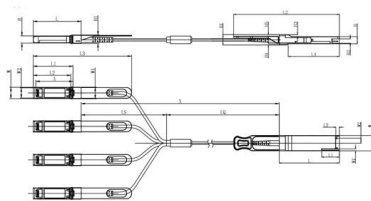
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Silicon Photonics Companies

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



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Unit: mm

GSFP28	L	L1	L2	L3	L4	W	W1	W2	H	H1	H2	H3	H4	H5	H6
Max	72.2	-	128	4.35	61.4	18.45	-	6.2	8.6	12.4	5.35	2.5	1.6	2.0	-
Type	72.0	-	4.20	61.2	18.35	-	-	8.5	12.2	5.2	2.3	1.5	1.8	6.55	-
Min	68.8	16.5	124	4.05	61.0	18.25	2.2	5.8	8.4	12.0	5.05	2.1	1.3	1.6	-

SFP28	L	L1	L2	L3	W	W1	W2	H	H1	A
Max	57.6	47.7	44.55	119.9	13.8	14.0	12.3	8.7	10.3	45.25
Type	57.4	47.5	44.35	117.9	13.55	13.8	12.1	8.5	10.1	45
Min	57.2	47.3	44.15	115.9	13.3	13.6	11.9	8.4	9.9	44.65

Pluggables, Power, and Geopolitics: Mapping the 800G

Acquisitions: Cisco acquired Luxtera (Silicon Photonics) for \$660 million and Acacia (Coherent DSPs) for \$2.6 billion.47 Model: Cisco uses its

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dongguan-liguo-optoelectronics-technology-co Manufacturer/Producer

All suppliers for dongguan-liguo-optoelectronics-technology-co Manufacturer/Producer Find wholesalers and contact them directly B2B marketplace Find companies now!



TSMC Silicon Photonics Platform, an In-Depth Look!

This research demonstrates an advanced silicon photonics foundry platform with a state-of-the-art PDK. Leveraging advanced process capabilities, automated in-circuit testing and reliability protocols,

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Active Optical Module Market 2025

This transition is driven by the need for energy-efficient solutions that reduce power consumption per bit of data transmitted. Technological Advancements in Optical Networking Innovations in silicon

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BRKOPT-2699

Source: Light Counting May 2024 Report: Silicon Photonics, Linear Drive Pluggable and Co-Packaged Optics Report Cisco brings years of high-volume silicon photonics manufacturing experience -

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Pluggable Optical Module Market Research Report 2034

Silicon photonics technology, advancing rapidly in manufacturing yield and integration density, is enabling new classes of pluggable modules with significantly reduced power consumption, smaller

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Silicon photonics

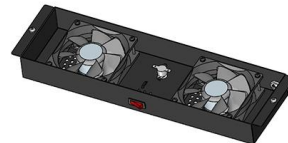
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Top 6 Silicon Photonics Companies Worldwide 2026

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

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NVIDIA's \$4B Photonics Play: Lumentum vs Coherent

NVIDIA is spending \$4 billion on silicon photonics through Lumentum and Coherent deals. Here's which partnership looks stronger heading into 2026.

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Source Photonics: Leading Global Manufacturer of

As a leading global provider of advanced technology solutions for communications and data connectivity, we embrace the need to be nimble. In a rapidly growing

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Top Optical Transceiver Manufacturers List (2024)

Acacia's cutting-edge silicon-based high-speed optical interconnect devices boost network scalability by improving performance, capacity, and cost.

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Silicon Photonics Companies

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,

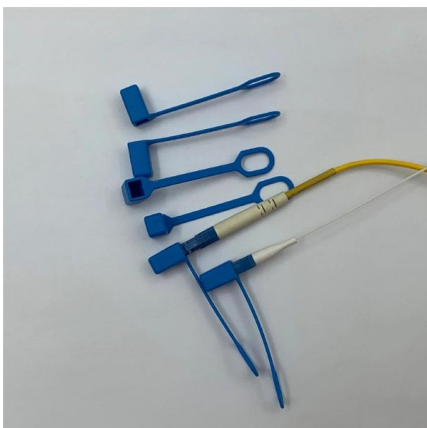
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Indigenously developed silicon photonics technology solutions

S. Krishnan, Secretary, Ministry of Electronics and Information Technology (MeitY), Government of India, recently launched two silicon photonics technology solutions: (a) Silicon

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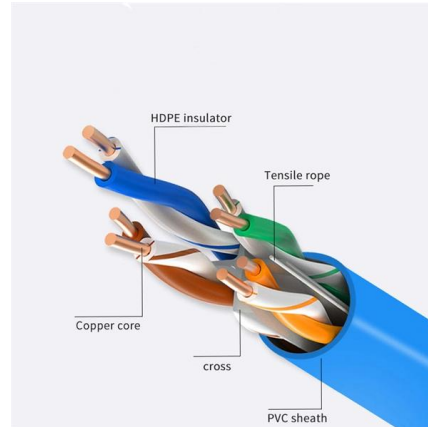




Cisco Optics , Transform Your Network

Scale AI back-end and front-end networks with high-performance, reliable 400G to 1.6T pluggable optics powered by Cisco silicon photonics technology.

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Top 10 companies in Silicon Photonics Market in 2023

The Fusion of Innovation: Silicon Integrated Circuit and Semiconductor Laser Navigating The Challenges: Simple Issues, Complex Solutions World'S Prominent Companies in The Silicon Photonics Market: Top 10 by Revenue Top 10 Leading Companies in Silicon Photonics Market by Revenue Silicon Photonics combines two of the twentieth century's most important inventions: the silicon integrated circuit and the semiconductor laser. It allows for speedier data transfer over longer distances than traditional electronics while taking use of high-volume silicon production economies. Silicon photonics is shaping up to be one of the most i See more on emergenresearch Missing: SFP Must include: SFPST Translate this result

Silicon photonics - STMicroelectronics

Discover STMicroelectronics' advancements in silicon photonics technology, driving innovation in high-speed data communication and optical connectivity solutions.

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SFP Optical Transceiver Launch Strategies: Defining the New

Semiconductor shortages, geopolitical factors, and transportation delays continue to shape manufacturing timelines. To mitigate these risks, leading vendors are diversifying suppliers,



Co-Packaged Optics (CPO) Market Trends 2026: AI Data Center

Explore the future of co-packaged optics (CPO) in AI data centers. Learn how silicon photonics, optical I/O, and high-speed optical interconnect technologies are shaping next-generation

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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

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Silicon Photonic Ethernet Transceivers

Here we investigate the comparative advantages, applications, and limitations of these technologies, with an emphasis on the emergence of Silicon

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Top Optical Transceiver Manufacturers List (2024)

Explore the top optical transceiver manufacturers and their market share. Stay informed about revenue figures and the latest developments in the

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Optical Transceiver Solutions for Cloud Performance

ATOP operates fully integrated R& D and manufacturing platforms covering optical design, high-speed electrical engineering, silicon photonics, optical packaging, reliability testing, and automated clean

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GlobalFoundries acquires Singapore-based photonics

GlobalFoundries has acquired Advanced Micro Foundry (AMF), a Singapore-based silicon photonics specialist, in a move that significantly expands

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