

Ranking of High-End Silicon Photonics Module Manufacturers



Overview

The top 6 silicon photonics companies in 2026, including Cisco Systems, Intel, IBM, NeoPhotonics, Hamamatsu Photonics, and STMicroelectronics globally. Get access to the business profiles of top 24 Silicon Photonics companies, providing in-depth details on their company overview, key products and services. The global silicon photonics market was valued at USD 562. It is projected to grow at a CAGR of 26.80% during the forecast period of 2026-2035, reaching USD 6039. As per the analysis by Expert Market Research, the market is expected to be driven by the surge in. Our AI-powered database combines millions of company and investor profiles, making it simple to filter, search, and benchmark opportunities. Explore this list as a starting point and connect with us to see how Inven can help you build tailored lists for sourcing and market discovery. Their focus on innovative LiDAR and optical communications solutions highlights their commitment to enhancing connectivity and autonomy across various markets. 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. A fast strategic view before the full read.



Article Content

Top 10 crystalline PV module manufacturer ranking

With production and capacity figures provided by industry analyst IHS Markit, **pv magazine** provides a rundown of the top 10 crystalline silicon

Top 21 Photonics Industry Companies

This list profiles 21 prominent photonics industry companies, ranging in size from small innovators to large corporations. They come from diverse localities,

Global Silicon Photonics Modules Supply, Demand and Key

The silicon photonics module is based on silicon photonics integration technology and uses industry-leading chips. It changes the layout of traditional discrete devices and greatly simplifies the design

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

Top Silicon Photonics Technology Companies & How to Compare

Early leader in silicon photonics transceivers. Focused on high-speed coherent optical modules. Offering integrated photonics solutions for cloud infrastructure.

Top 100 Photonic Chip Companies in 2026 | ensun

Analog Photonics specializes in the development of photonic circuits, including innovative LiDAR and Optical Communications technology built on a proprietary

Silicon Photonics Market Size, Share & Trends Report,

The global silicon photonics market size was estimated at USD 1.29 billion in 2022 and is projected to reach USD 8.13 billion by 2030, growing at a CAGR of 25.8%

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.

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.

Silicon Photonics Modules

The silicon photonics module is based on silicon photonics integration technology and uses industry-leading chips. It changes the layout of traditional discrete devices and greatly simplifies the design

Top 10 companies in Silicon Photonics Market in 2023

Top 10 Companies In Silicon Photonics Market Rise in adoption of 2.5D integrated onboard silicon photonics by data centers and rising demand for

Global Silicon Photonics Optical Module Market 2024 by Manufacturers ...

The silicon photonics module is based on silicon photonics integration technology and uses industry-leading chips. It changes the layout of traditional discrete devices and greatly simplifies the design

Silicon Photonics Market Size Report 2025

The silicon photonics market was valued at USD 2.16 billion in 2024 and is projected to reach USD 9.65 billion by 2030, growing at a CAGR of 29.5% from 2025 to 2030.

Top Silicon Photonics Technology Companies & How to Compare

This report provides a thorough analysis of industry trends, growth catalysts, and strategic insights. Silicon photonics is transforming data transmission, computing, and telecommunications.

Roadmapping the next generation of silicon photonics

What will the next generation of silicon photonics look like? What are the common threads in the integration and fabrication bottlenecks that silicon

Top 20 Silicon photonics companies

Silicon photonics is the study and application of photonic systems which use silicon as an optical medium. The silicon is usually patterned with sub-micrometre precision, into microphotonic

Silicon Photonics Modules Industry Analysis—the global market size is ...

According to the new market research report “Silicon Photonics Modules- Global Market Share and Ranking, Overall Sales and Demand Forecast 2024-2030”, published by QYResearch,

Top ten solar manufacturers ship 500GW modules in 2024

The leading crystalline silicon PV manufacturers have shipped a record 500GW of modules in 2024, according to a report from Wood Mackenzie.

Top 10 Solar Module Manufacturers in 2024: Market

Judging by the global ranking of the top 10 solar module manufacturers, progress appears slow. Asia remains the dominant player in solar

Top ten solar PV module manufacturers show resilience

Despite facing significant challenges, including unprecedented price declines across solar modules and the silicon supply chain, the top ten solar PV manufacturers

2025 Top 20 Global Silicon Material/Wafer

PVTIME – On 10 June 2025, the PVBL 2025 Global Top 100 Solar Brands rankings and the PVBL 2025 Global Solar Brand Influence Report were unveiled at the

Biggest Photonics Companies for May 2026

The most valuable photonics company in the world is Marvell Technology (MRVL) with a market cap of \$155.238B, followed by Cadence Design Systems (CDNS) and Ciena (CIEN).

Top 100 Silicon Photonics Companies in 2026 | ensun

DustPhotonics specializes in providing an end-to-end technology platform for Silicon Photonics solutions, catering to the increasing demands of data-centric industries. Their offerings include high

Silicon Photonics Companies | Market Research Future

Explore the world of Silicon Photonics Companies with Market Research Future. Gain insights into market size and trends shaping the industry's

Photonics Companies, Top Photonics Manufacturers

Photonics is responsible for real innovations in high-speed data transmission, advanced and precise manufacturing, and advanced imaging of light-specific imaging techniques by utilizing the unique

Silicon Photonics Companies

Silicon Photonics industry insights on factors that are driving the growth of the Silicon Photonics Market and key players along with their go to market strategies and new revenue sources.

Silicon Photonics-based High-Speed Optical Modules

The global market for Silicon Photonics-based High-Speed Optical Modules was estimated to be worth US\$ 2560 million in 2024 and is forecast to a readjusted size of US\$ 15241 million by 2031 with a

Top 10 Global Silicon Wafer Manufacturers 2026

Top Silicon Wafer Manufacturing Companies in the World – List of Silicon Producers and Silicon Wafer Manufacturing Countries in the World. The

Contact Us

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