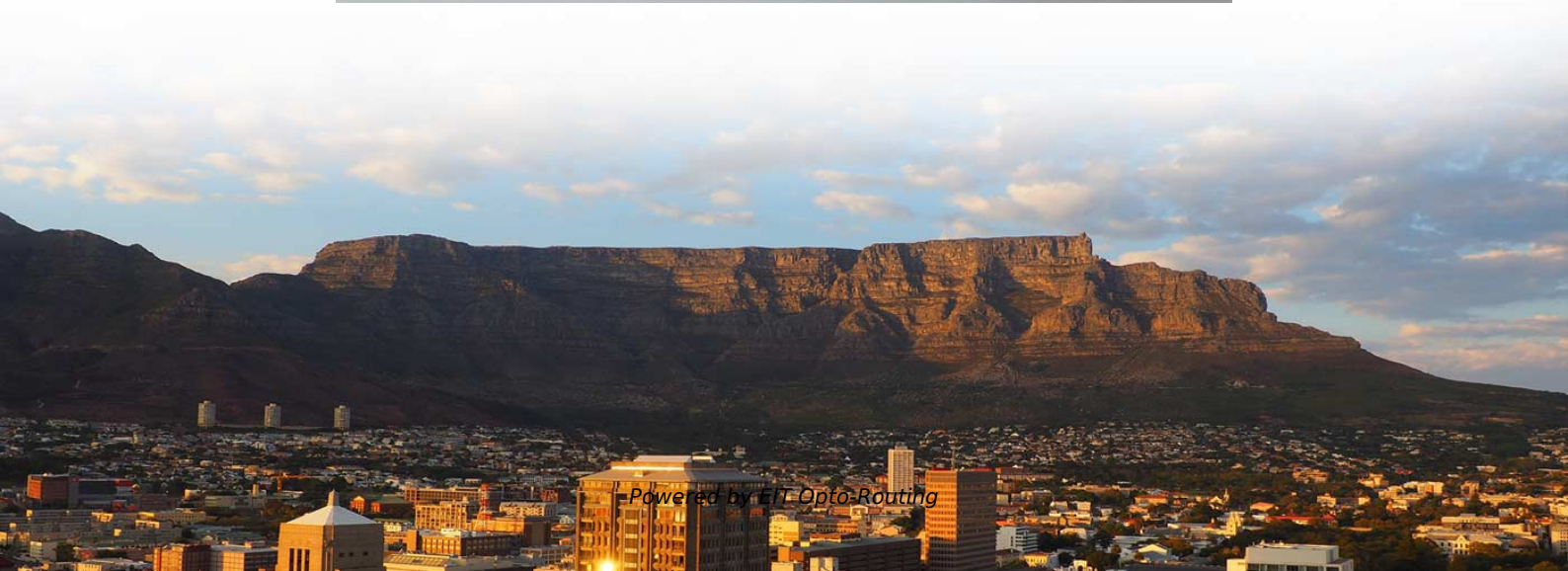


# **Leading companies in silicon photonics modules**





## Overview

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The major players in the silicon photonics market are Cisco Systems, Inc. (US), Lumentum Operations LLC (US), Marvell (US), Coherent Corporation (US), IBM (US), STMicroelectronics (US), Rockley Photonics . Get access to the business profiles of top 24 Silicon Photonics companies, providing in-depth details on their company overview, key products and services. As per the analysis by Expert Market Research, the market is expected to be driven by the surge in. Inven is a deal sourcing platform that assists you in discovering niche businesses and investors across industries. 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. EFFECT Photonics is revolutionizing telecommunications through its innovative light-to-digital technologies, including advanced digital signal processing and ultra-pure light sources.



## Leading companies in silicon photonics modules

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## Silicon Photonics Companies

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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,

## Top 6 Silicon Photonics Companies Worldwide 2026

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

## Tower Semiconductor Teams with NVIDIA to

Tower Semiconductor, the foundry of high value analog semiconductor solutions, announced it is scaling AI infrastructure deployments with high

## **2026 OFC Showcase**

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Scintil Photonics Silicon Photonics: Integrated Lasers & DWDM at Scale Matt Crowley, CEO of Scintil Photonics, presents the company's heterogeneous silicon photonics technology that integrates

## **Silicon Photonics Module Packaging Integration Engineer (2026 New**

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GlobalFoundries (GF) is a leading full-service semiconductor foundry providing a unique combination of design, development, and fabrication services to some of the world's most inspired



## **\$SIVE \$LWLG \$POET The AI infrastructure supply chain is evolving**

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The foundry has already integrated LWLG's polymer process into its silicon photonics PDK, enabling scalable manufacturing of next-generation optical engines on 8-inch wafers. Siverts laser

## **Intel® Silicon Photonics**

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Intel is a pioneer in Silicon Photonics, having started investing in this technology at Intel Labs over 20 years ago. Today, the Intel Silicon Photonics Product Division is the volume market leader in Silicon



## **Top 100 Photonics Companies in 2026 , ensun**

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Their focus on disruptive innovations in silicon photonics technology enhances data communication and connectivity across various sectors, including automotive,

## **Tower Semiconductor & Nvidia team up on 1.6T silicon**

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Tower Semiconductor and NVIDIA are teaming up to scale next-generation AI infrastructure with 1.6T optical modules for data centers. The

## **Silicon Photonic Module 2026-2034 Analysis: Trends,**

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This dominance stems from a robust ecosystem of leading technology companies like Intel, IBM, Cisco Systems, and Juniper Networks, who are heavily



## **Tower Semiconductor and NVIDIA Advance 1.6T AI Optics**

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Tower Semiconductor teams with NVIDIA on 1.6T silicon photonics optical modules to boost AI data center speed and bandwidth.

## **Inside Nvidia's \$4B Optical Strategy--and Why CPO Changes**

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This extends beyond the photonics ICs to include CW lasers and ultra-high-power (UHP) lasers for external light source (ELS) modules. Coherent and Lumentum expect to be leading

## **Has Silicon Photonics Finally Found Its Killer**



## Application?

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Multiple AI companies envision the use of integrated silicon photonics as the next natural evolutionary step for optical interconnects architecture targeting next

## Top 10 Photonics Companies Revolutionizing Light

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Explore the top 10 photonics companies driving innovation in light-based technologies, from optical communications to quantum computing and

## Tower Semiconductor Teams with NVIDIA to Advance AI

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Tower's advanced Silicon Photonics platform enables optical and network infrastructure ecosystem with high-speed data transceivers for AI deployments MIGDALHAEMEK, Israel



## Photonics

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Photonics Spectra is a global photonics resource and magazine with news, products, research, and applications covering optics, lasers, imaging, and sensing.

## 9 Public Photonics Stocks to Watch Before the AI Optical Wave

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**Key Takeaways** The best photonics stocks are not simply optics-adjacent names. They are public companies with real revenue exposure to optical modules, transceivers, lasers, silicon

## Top 21 Photonics Industry Companies

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

## **Optical Interconnect Market Size, Share, Trends**

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The optical interconnect market is highly competitive, with companies focusing on innovation in silicon photonics, AI-driven networking, and high-speed optical

## **Samsung Foundry Reportedly Wins Optical Module Order,**

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Samsung Foundry is reportedly stepping up its silicon photonics efforts. According to ZDNet, the company said in its 1Q26 earnings release that its foundry has secured orders from a



# Top Silicon Photonics Technology Companies & How to Compare

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

## Silicon Photonics Companies

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The dominant strategies in the silicon photonics industry are vertical specialization and integration. Intel and Cisco are pursuing integration, focusing on merging electronic and photonic components onto

## Top 10 companies in Silicon Photonics Market in 2023

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For high-volume optics applications, Rockley Photonics is a fabless supplier of silicon photonics chipsets, IP, and custom designs. Rockley's

## **Opportunities and Applications of Silicon Photonics**

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Silicon photonics is gaining traction in high-speed optical modules, particularly in data centers and coherent communication systems. This article explores its

## **52 Photonic Computing Companies in 2026 , Compute Compass**

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52 companies building photonic computing. Light-based processors using photons instead of electrons for ultra-fast, energy-efficient computation and AI inferenc



## Silicon Photonics

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GF proven silicon photonics technology helps you innovate your designs for success at the speed and bandwidth your customers expect. With our electro-optical

### Contact Us

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For datasheets, pricing, or custom optical networking solutions, please visit:  
<https://www.entrenamientointeligente.es>