

# Global Silicon Photonics Market Data Survey Report 2015-2025

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## Abstracts

### SUMMARY

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 components. These operate in the infrared, most commonly at the 1.55 micrometre wavelength used by most fiber optic telecommunication systems.[6] The silicon typically lies on top of a layer of silica in what (by analogy with a similar construction in microelectronics) is known as silicon on insulator (SOI).

The global Silicon Photonics market will reach xxx Million USD in 2020 with CAGR xx% 2020-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers profile, products & services, sales data of business

Global market size by Major End-Use

Global market size by Major Type

Key manufacturers are included based on company profile, sales data and product specifications etc.:

Intel Corporation

Mellanox technologies

Luxtera Inc

IBM Corporation

Molex Inc

Cisco Systems

Hamamatsu Photonics

STMicroelectronics

Infinera Corporation

Finisar Corporation

Luxtera Inc

DAS Photonics

Aurion Inc

Major applications as follows:

IT & Telecommunications

Consumer Electronics

Healthcare & Life Sciences

Defense and Security

Commercial

Others

Major Type as follows:

Optical Waveguides

Optical Modulators

Photodetectors

Wavelength-Division Multiplexing (WDM) Filters

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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