

# Global and China Silicon Photonics Market Research by Company, Type & Application 2013-2025

<https://marketpublishers.com/r/GCA1F722EC7EN.html>

Date: August 2019

Pages: 85

Price: US\$ 2,000.00 (Single User License)

ID: GCA1F722EC7EN

## 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).

Market Segment as follows:

By Type

Optical Waveguides

Optical Modulators

Photodetectors

Wavelength-Division Multiplexing (WDM) Filters

By Application

IT & Telecommunications

Consumer Electronics

Healthcare & Life Sciences

Defense and Security

Commercial

Others

### By Company

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

The main contents of the report including:

Section 1:

Product definition, type and application, global and China market overview;

Section 2:

Global and China Market competition by company;

Section 3:

Global and China sales revenue, volume and price by type;

Section 4:

Global and China sales revenue, volume and price by application;

Section 5:

China export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

Section 9:

Conclusion.

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Market Segment Overview

##### 1.1.1 Product Definition

##### 1.1.2 Market by Type

###### 1.1.2.1 Optical Waveguides

###### 1.1.2.2 Optical Modulators

###### 1.1.2.3 Photodetectors

###### 1.1.2.4 Wavelength-Division Multiplexing (WDM) Filters

##### 1.1.3 Market by Application

###### 1.1.3.1 IT & Telecommunications

###### 1.1.3.2 Consumer Electronics

###### 1.1.3.3 Healthcare & Life Sciences

###### 1.1.3.4 Defense and Security

###### 1.1.3.5 Commercial

###### 1.1.3.6 Others

#### 1.2 Global and China Market Size

##### 1.2.1 Global Overview

##### 1.2.2 China Overview

### 2 GLOBAL AND CHINA MARKET BY COMPANY

#### 2.1 Global

##### 2.1.1 Global Sales by Company

##### 2.1.2 Global Price by Company

#### 2.2 China

##### 2.2.1 China Sales by Company

##### 2.2.2 China Price by Company

### 3 GLOBAL AND CHINA MARKET BY TYPE

#### 3.1 Global

##### 3.1.1 Global Sales by Type

##### 3.1.2 Global Price by Type

#### 3.2 China

##### 3.2.1 China Sales by Type

##### 3.2.2 China Price by Type

## **4 GLOBAL AND CHINA MARKET BY APPLICATION**

### 4.1 Global

4.1.1 Global Sales by Application

4.1.2 Global Price by Application

### 4.2 China

4.2.1 China Sales by Application

4.2.2 China Price by Application

## **5 CHINA TRADE**

### 5.1 Export

### 5.2 Import

## **6 KEY MANUFACTURERS**

### 6.1 Intel Corporation

6.1.1 Company Information

6.1.2 Product Specifications

6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

### 6.2 Mellanox technologies

### 6.3 Luxtera Inc

### 6.4 IBM Corporation

### 6.5 Molex Inc

### 6.6 Cisco Systems

### 6.7 Hamamatsu Photonics

### 6.8 STMicroelectronics

### 6.9 Infinera Corporation

### 6.10 Finisar Corporation

### 6.11 Luxtera Inc

### 6.12 DAS Photonics

### 6.13 Aurrion Inc

## **7 INDUSTRY UPSTREAM**

### 7.1 Industry Chain

### 7.2 Raw Materials

## **8 MARKET ENVIRONMENT**

8.1 SWOT

8.2 Porter's Five Forces

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Market Sales Revenue by Company 2013-2017  
Table Global Market Sales Revenue Share by Company 2013-2017  
Table Global Market Sales Volume by Company 2013-2017  
Table Global Market Sales Volume Share by Company 2013-2017  
Table Global Price by Company 2013-2017  
Table China Market Sales Revenue by Company 2013-2017  
Table China Market Sales Revenue Share by Company 2013-2017  
Table China Market Sales Volume by Company 2013-2017  
Table China Market Sales Volume Share by Company 2013-2017  
Table China Price by Company 2013-2017  
Table Global Market Sales Revenue by Type 2013-2017  
Table Global Market Sales Revenue Share by Type 2013-2017  
Table Global Market Sales Volume by Type 2013-2017  
Table Global Market Sales Volume Share by Type 2013-2017  
Table Global Price by Type 2013-2017  
Table China Market Sales Revenue by Type 2013-2017  
Table China Market Sales Revenue Share by Type 2013-2017  
Table China Market Sales Volume by Type 2013-2017  
Table China Market Sales Volume Share by Type 2013-2017  
Table China Price by Type 2013-2017  
Table Global Market Sales Revenue by Application 2013-2017  
Table Global Market Sales Revenue Share by Application 2013-2017  
Table Global Market Sales Volume by Application 2013-2017  
Table Global Market Sales Volume Share by Application 2013-2017  
Table Global Price by Application 2013-2017  
Table China Market Sales Revenue by Application 2013-2017  
Table China Market Sales Revenue Share by Application 2013-2017  
Table China Market Sales Volume by Application 2013-2017  
Table China Market Sales Volume Share by Application 2013-2017  
Table China Price by Application 2013-2017  
Table China Export 2013-2017 (Million USD)  
Table China Export 2013-2017 (Volume)  
Table China Import 2013-2017 (Million USD)  
Table China Import 2013-2017 (Volume)  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Intel Corporation

Table Sales Revenue, Sales Volume, Price, Cost and Margin of Mellanox technologies  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Luxtera Inc  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of IBM Corporation  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Molex Inc  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Cisco Systems  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Hamamatsu Photonics  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of STMicroelectronics  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Infinera Corporation  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Finisar Corporation  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Luxtera Inc  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of DAS Photonics  
Table Sales Revenue, Sales Volume, Price, Cost and Margin of Aurrion Inc



## List Of Figures

### LIST OF FIGURES

- Figure Optical Waveguides Market Size and CAGR 2013-2018 (Million USD)
- Figure Optical Waveguides Market Size and CAGR 2013-2018 (Volume)
- Figure Optical Waveguides Market Forecast and CAGR 2019-2025 (Million USD)
- Figure Optical Waveguides Market Forecast and CAGR 2019-2025 (Volume)
- Figure Optical Modulators Market Size and CAGR 2013-2018 (Million USD)
- Figure Optical Modulators Market Size and CAGR 2013-2018 (Volume)
- Figure Optical Modulators Market Forecast and CAGR 2019-2025 (Million USD)
- Figure Optical Modulators Market Forecast and CAGR 2019-2025 (Volume)
- Figure Photodetectors Market Size and CAGR 2013-2018 (Million USD)
- Figure Photodetectors Market Size and CAGR 2013-2018 (Volume)
- Figure Photodetectors Market Forecast and CAGR 2019-2025 (Million USD)
- Figure Photodetectors Market Forecast and CAGR 2019-2025 (Volume)
- Figure Wavelength-Division Multiplexing (WDM) Filters Market Size and CAGR 2013-2018 (Million USD)
- Figure Wavelength-Division Multiplexing (WDM) Filters Market Size and CAGR 2013-2018 (Volume)
- Figure Wavelength-Division Multiplexing (WDM) Filters Market Forecast and CAGR 2019-2025 (Million USD)
- Figure Wavelength-Division Multiplexing (WDM) Filters Market Forecast and CAGR 2019-2025 (Volume)
- Figure IT & Telecommunications Market Size and CAGR 2013-2018 (Million USD)
- Figure IT & Telecommunications Market Size and CAGR 2013-2018 (Volume)
- Figure IT & Telecommunications Market Forecast and CAGR 2019-2025 (Million USD)
- Figure IT & Telecommunications Market Forecast and CAGR 2019-2025 (Volume)
- Figure Consumer Electronics Market Size and CAGR 2013-2018 (Million USD)
- Figure Consumer Electronics Market Size and CAGR 2013-2018 (Volume)
- Figure Consumer Electronics Market Forecast and CAGR 2019-2025 (Million USD)
- Figure Consumer Electronics Market Forecast and CAGR 2019-2025 (Volume)
- Figure Healthcare & Life Sciences Market Size and CAGR 2013-2018 (Million USD)
- Figure Healthcare & Life Sciences Market Size and CAGR 2013-2018 (Volume)
- Figure Healthcare & Life Sciences Market Forecast and CAGR 2019-2025 (Million USD)
- Figure Healthcare & Life Sciences Market Forecast and CAGR 2019-2025 (Volume)
- Figure Defense and Security Market Size and CAGR 2013-2018 (Million USD)
- Figure Defense and Security Market Size and CAGR 2013-2018 (Volume)
- Figure Defense and Security Market Forecast and CAGR 2019-2025 (Million USD)

Figure Defense and Security Market Forecast and CAGR 2019-2025 (Volume)  
Figure Commercial Market Size and CAGR 2013-2018 (Million USD)  
Figure Commercial Market Size and CAGR 2013-2018 (Volume)  
Figure Commercial Market Forecast and CAGR 2019-2025 (Million USD)  
Figure Commercial Market Forecast and CAGR 2019-2025 (Volume)  
Figure Others Market Size and CAGR 2013-2018 (Million USD)  
Figure Others Market Size and CAGR 2013-2018 (Volume)  
Figure Others Market Forecast and CAGR 2019-2025 (Million USD)  
Figure Others Market Forecast and CAGR 2019-2025 (Volume)  
Figure Global Silicon Photonics Market Size and CAGR 2013-2017 (Million USD)  
Figure Global Silicon Photonics Market Size and CAGR 2013-2017 (Volume)  
Figure Global Silicon Photonics Market Forecast and CAGR 2019-2025 (Million USD)  
Figure Global Silicon Photonics Market Forecast and CAGR 2019-2025 (Volume)  
Figure China Silicon Photonics Market Size and CAGR 2013-2017 (Million USD)  
Figure China Silicon Photonics Market Size and CAGR 2013-2017 (Volume)  
Figure China Silicon Photonics Market Forecast and CAGR 2019-2025 (Million USD)  
Figure China Silicon Photonics Market Forecast and CAGR 2019-2025 (Volume)  
Figure Global Market Sales Revenue Share by Company in 2017  
Figure Global Market Sales Volume Share by Company in 2017  
Figure China Market Sales Revenue Share by Company in 2017  
Figure China Market Sales Volume Share by Company in 2017  
Figure Global Market Sales Revenue Share by Type in 2017  
Figure Global Market Sales Volume Share by Type in 2017  
Figure China Market Sales Revenue Share by Type in 2017  
Figure China Market Sales Volume Share by Type in 2017  
Figure Global Market Sales Revenue Share by Application in 2017  
Figure Global Market Sales Volume Share by Application in 2017  
Figure China Market Sales Revenue Share by Application in 2017  
Figure China Market Sales Volume Share by Application in 2017  
Figure Industry Chain Overview  
Figure Silicon Photonics SWOT List  
Figure Silicon Photonics Porter's Five Forces

## I would like to order

Product name: Global and China Silicon Photonics Market Research by Company, Type & Application 2013-2025

Product link: <https://marketpublishers.com/r/GCA1F722EC7EN.html>

Price: US\$ 2,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCA1F722EC7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

