

Global Silicon Photonics Market Data Survey Report 2025

<https://marketpublishers.com/r/GE395EA13F1EN.html>

Date: October 2017

Pages: 92

Price: US\$ 1,500.00 (Single User License)

ID: GE395EA13F1EN

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 Volume Million USD in 2017 with CAGR xx% 2018-2025. The main contents of the report including:

Global market size and forecast

Regional market size, production data and export & import

Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

Average market price by SUK

Major applications

Key manufacturers are included based on manufacturing sites, capacity and production, 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

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

Contents

1 GLOBAL MARKET OVERVIEW

- 1.1 Scope of Statistics
 - 1.1.1 Scope of Products
 - 1.1.2 Scope of Manufacturers
 - 1.1.3 Scope of Application
 - 1.1.4 Scope of Regions/Countries
- 1.2 Global Market Size

2 REGIONAL MARKET

- 2.1 Regional Production
- 2.2 Regional Demand
- 2.3 Regional Trade

3 KEY MANUFACTURERS

- 3.1 Intel Corporation
 - 3.1.2 Company Information
 - 3.1.2 Product Specifications
 - 3.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.2 Mellanox technologies
 - 3.2.1 Company Information
 - 3.2.2 Product Specifications
 - 3.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.3 Luxtera Inc
 - 3.3.1 Company Information
 - 3.3.2 Product Specifications
 - 3.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.4 IBM Corporation
 - 3.4.1 Company Information
 - 3.4.2 Product Specifications
 - 3.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 3.5 Molex Inc
 - 3.5.1 Company Information
 - 3.5.2 Product Specifications
 - 3.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

3.6 Cisco Systems

3.6.1 Company Information

3.6.2 Product Specifications

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

3.7 Hamamatsu Photonics

3.7.1 Company Information

3.7.2 Product Specifications

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

3.8 STMicroelectronics

3.8.1 Company Information

3.8.2 Product Specifications

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

3.9 Infinera Corporation

3.9.1 Company Information

3.9.2 Product Specifications

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

3.10 Finisar Corporation

3.10.1 Company Information

3.10.2 Product Specifications

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

3.11 Luxtera Inc

3.12 DAS Photonics

3.13 Aurrion Inc

4 MAJOR APPLICATION

4.1 IT & Telecommunications

4.1.1 Overview

4.1.2 IT & Telecommunications Market Size and Forecast

4.2 Consumer Electronics

4.2.1 Overview

4.2.2 Consumer Electronics Market Size and Forecast

4.3 Healthcare & Life Sciences

4.3.1 Overview

4.3.2 Healthcare & Life Sciences Market Size and Forecast

4.4 Defense and Security

4.4.1 Overview

4.4.2 Defense and Security Market Size and Forecast

4.5 Commercial

4.5.1 Overview

4.5.2 Commercial Market Size and Forecast

4.6 Others

4.6.1 Overview

4.6.2 Others Market Size and Forecast

5 MARKET PRICE

5.1 Overview

5.2 Price by SUK

6 CONCLUSION

List Of Tables

LIST OF TABLES

- Tab REGIONAL PRODUCTION 2011-2017 (VALUE)
- Tab Regional Production 2011-2017 (Volume)
- Tab Regional Demand and CAGR 2011-2017 (Value)
- Tab Regional Demand and CAGR 2011-2017 (Volume)
- Tab Regional Demand Forecast and CAGR 2018-2025 (Value)
- Tab Regional Demand Forecast and CAGR 2018-2025 (Volume)
- Tab Regional Export 2011-2017 (Value)
- Tab Regional Export 2011-2017 (Volume)
- Tab Regional Import 2011-2017 (Value)
- Tab Regional Import 2011-2017 (Volume)
- Tab Sales Revenue, Volume, Price, Cost and Margin of Intel Corporation
- Tab Sales Revenue, Volume, Price, Cost and Margin of Mellanox technologies
- Tab Sales Revenue, Volume, Price, Cost and Margin of Luxtera Inc
- Tab Sales Revenue, Volume, Price, Cost and Margin of IBM Corporation
- Tab Sales Revenue, Volume, Price, Cost and Margin of Molex Inc
- Tab Sales Revenue, Volume, Price, Cost and Margin of Cisco Systems
- Tab Sales Revenue, Volume, Price, Cost and Margin of Hamamatsu Photonics
- Tab Sales Revenue, Volume, Price, Cost and Margin of STMicroelectronics
- Tab Sales Revenue, Volume, Price, Cost and Margin of Infinera Corporation
- Tab Sales Revenue, Volume, Price, Cost and Margin of Finisar Corporation
- Tab Sales Revenue, Volume, Price, Cost and Margin of Luxtera Inc
- Tab Sales Revenue, Volume, Price, Cost and Margin of DAS Photonics
- Tab Sales Revenue, Volume, Price, Cost and Margin of Aurrion Inc
- Tab Market Price by Region
- Tab Market Price by Manufacturers
- Tab Market Price by Application
- Tab Price by SUK (Popular Goods on the Market)

List Of Figures

LIST OF FIGURES

Fig Global Silicon Photonics Market Size and CAGR 2011-2017 (Value)
Fig Global Silicon Photonics Market Size and CAGR 2011-2017 (Volume)
Fig Global Silicon Photonics Market Forecast and CAGR 2018-2025 (Value)
Fig Global Silicon Photonics Market Forecast and CAGR 2018-2025 (Volume)
Fig IT & Telecommunications Market Size and CAGR 2011-2017 (Value)
Fig IT & Telecommunications Market Size and CAGR 2011-2017 (Volume)
Fig IT & Telecommunications Market Forecast and CAGR 2018-2025 (Value)
Fig IT & Telecommunications Market Forecast and CAGR 2018-2025 (Volume)
Fig Consumer Electronics Market Size and CAGR 2011-2017 (Value)
Fig Consumer Electronics Market Size and CAGR 2011-2017 (Volume)
Fig Consumer Electronics Market Forecast and CAGR 2018-2025 (Value)
Fig Consumer Electronics Market Forecast and CAGR 2018-2025 (Volume)
Fig Healthcare & Life Sciences Market Size and CAGR 2011-2017 (Value)
Fig Healthcare & Life Sciences Market Size and CAGR 2011-2017 (Volume)
Fig Healthcare & Life Sciences Market Forecast and CAGR 2018-2025 (Value)
Fig Healthcare & Life Sciences Market Forecast and CAGR 2018-2025 (Volume)
Fig Defense and Security Market Size and CAGR 2011-2017 (Value)
Fig Defense and Security Market Size and CAGR 2011-2017 (Volume)
Fig Defense and Security Market Forecast and CAGR 2018-2025 (Value)
Fig Defense and Security Market Forecast and CAGR 2018-2025 (Volume)
Fig Commercial Market Size and CAGR 2011-2017 (Value)
Fig Commercial Market Size and CAGR 2011-2017 (Volume)
Fig Commercial Market Forecast and CAGR 2018-2025 (Value)
Fig Commercial Market Forecast and CAGR 2018-2025 (Volume)
Fig Others Market Size and CAGR 2011-2017 (Value)
Fig Others Market Size and CAGR 2011-2017 (Volume)
Fig Others Market Forecast and CAGR 2018-2025 (Value)
Fig Others Market Forecast and CAGR 2018-2025 (Volume)
Fig Global Market Price 2011-2017
Fig Global Market Price 2018-2025

I would like to order

Product name: Global Silicon Photonics Market Data Survey Report 2025

Product link: <https://marketpublishers.com/r/GE395EA13F1EN.html>

Price: US\$ 1,500.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE395EA13F1EN.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