

Global and Regional Silicon Photonics Market Research Report 2017

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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).

Market Segment as follows:

By Region

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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 regional market overview;

Section 2: Global and regional Market competition by company;

Section 3: Global and regional sales revenue, volume and price by type;

Section 4: Global and regional sales revenue, volume and price by application;

Section 5: Regional 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 Regional Market Size

1.2.1 Global Overview

1.2.2 Market by Region

1.2.2.1 Asia-Pacific

1.2.2.2 North America

1.2.2.3 Europe

1.2.2.4 South America

1.2.2.5 Middle East & Africa

2 GLOBAL AND REGIONAL MARKET BY COMPANY

2.1 Global

2.1.1 Global Sales by Company

2.1.2 Global Price by Company

2.2 Asia-Pacific

2.2.1 Asia-Pacific Sales by Company

2.2.2 Asia-Pacific Price by Company

2.3 North America

2.3.1 North America Sales by Company

2.3.2 North America Price by Company

2.4 Europe

- 2.4.1 Europe Market Sales by Company
- 2.4.2 Europe Price by Company
- 2.5 South America
 - 2.5.1 South America Sales by Company
 - 2.5.2 South America Price by Company
- 2.6 Middle East & Africa
 - 2.6.1 Middle East & Africa Sales by Company
 - 2.6.2 Middle East & Africa Price by Company

3 GLOBAL AND REGIONAL MARKET BY TYPE

- 3.1 Global
 - 3.1.1 Global Sales by Type
 - 3.1.2 Global Price by Type
- 3.2 Asia-Pacific
 - 3.2.1 Asia-Pacific Sales by Type
 - 3.2.2 Asia-Pacific Price by Type
- 3.3 North America
 - 3.3.1 North America Sales by Type
 - 3.3.2 North America Price by Type
- 3.4 Europe
 - 3.4.1 Europe Market Sales by Type
 - 3.4.2 Europe Price by Type
- 3.5 South America
 - 3.5.1 South America Sales by Type
 - 3.5.2 South America Price by Type
- 3.6 Middle East & Africa
 - 3.6.1 Middle East & Africa Sales by Type
 - 3.6.2 Middle East & Africa Price by Type

4 GLOBAL AND REGIONAL MARKET BY APPLICATION

- 4.1 Global
 - 4.1.1 Global Sales by Application
 - 4.1.2 Global Price by Application
- 4.2 Asia-Pacific
 - 4.2.1 Asia-Pacific Sales by Application
 - 4.2.2 Asia-Pacific Price by Application
- 4.3 North America

- 4.3.1 North America Sales by Application
- 4.3.2 North America Price by Application
- 4.4 Europe
 - 4.4.1 Europe Market Sales by Application
 - 4.4.2 Europe Price by Application
- 4.5 South America
 - 4.5.1 South America Sales by Application
 - 4.5.2 South America Price by Application
- 4.6 Middle East & Africa
 - 4.6.1 Middle East & Africa Sales by Application
 - 4.6.2 Middle East & Africa Price by Application

5 REGIONAL TRADE

- 5.1 Export
- 5.2 Import

6 KEY MANUFACTURERS

- 6.1 Intel Corporation
 - 6.1.2 Company Information
 - 6.1.2 Product Specifications
 - 6.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.2 Mellanox technologies
 - 6.2.1 Company Information
 - 6.2.2 Product Specifications
 - 6.2.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.3 Luxtera Inc
 - 6.3.1 Company Information
 - 6.3.2 Product Specifications
 - 6.3.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.4 IBM Corporation
 - 6.4.1 Company Information
 - 6.4.2 Product Specifications
 - 6.4.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)
- 6.5 Molex Inc
 - 6.5.1 Company Information
 - 6.5.2 Product Specifications
 - 6.5.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

6.6 Cisco Systems

6.6.1 Company Information

6.6.2 Product Specifications

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

6.7 Hamamatsu Photonics

6.7.1 Company Information

6.7.2 Product Specifications

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

6.8 STMicroelectronics

6.8.1 Company Information

6.8.2 Product Specifications

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

6.9 Infinera Corporation

6.9.1 Company Information

6.9.2 Product Specifications

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

6.10 Finisar Corporation

6.10.1 Company Information

6.10.2 Product Specifications

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

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 AND FIGURES

Table Global Market Sales Revenue by Company 2011-2017
Table Global Market Sales Revenue Share by Company 2011-2017
Table Global Market Sales Volume by Company 2011-2017
Table Global Market Sales Volume Share by Company 2011-2017
Table Global Price by Company 2011-2017
Table Asia-Pacific Market Sales Revenue by Company 2011-2017
Table Asia-Pacific Market Sales Revenue Share by Company 2011-2017
Table Asia-Pacific Market Sales Volume by Company 2011-2017
Table Asia-Pacific Market Sales Volume Share by Company 2011-2017
Table Asia-Pacific Price by Company 2011-2017
Table North America Market Sales Revenue by Company 2011-2017
Table North America Market Sales Revenue Share by Company 2011-2017
Table North America Market Sales Volume by Company 2011-2017
Table North America Market Sales Volume Share by Company 2011-2017
Table North America Price by Company 2011-2017
Table Europe Market Sales Revenue by Company 2011-2017
Table Europe Market Sales Revenue Share by Company 2011-2017
Table Europe Market Sales Volume by Company 2011-2017
Table Europe Market Sales Volume Share by Company 2011-2017
Table Europe Price by Company 2011-2017
Table South America Market Sales Revenue by Company 2011-2017
Table South America Market Sales Revenue Share by Company 2011-2017
Table South America Market Sales Volume by Company 2011-2017
Table South America Market Sales Volume Share by Company 2011-2017
Table South America Price by Company 2011-2017
Table Middle East & Africa Market Sales Revenue by Company 2011-2017
Table Middle East & Africa Market Sales Revenue Share by Company 2011-2017
Table Middle East & Africa Market Sales Volume by Company 2011-2017
Table Middle East & Africa Market Sales Volume Share by Company 2011-2017
Table Middle East & Africa Price by Company 2011-2017
Table Global Market Sales Revenue by Type 2011-2017
Table Global Market Sales Revenue Share by Type 2011-2017
Table Global Market Sales Volume by Type 2011-2017
Table Global Market Sales Volume Share by Type 2011-2017
Table Global Price by Type 2011-2017

Table Asia-Pacific Market Sales Revenue by Type 2011-2017
Table Asia-Pacific Market Sales Revenue Share by Type 2011-2017
Table Asia-Pacific Market Sales Volume by Type 2011-2017
Table Asia-Pacific Market Sales Volume Share by Type 2011-2017
Table Asia-Pacific Price by Type 2011-2017
Table North America Market Sales Revenue by Type 2011-2017
Table North America Market Sales Revenue Share by Type 2011-2017
Table North America Market Sales Volume by Type 2011-2017
Table North America Market Sales Volume Share by Type 2011-2017
Table North America Price by Type 2011-2017
Table Europe Market Sales Revenue by Type 2011-2017
Table Europe Market Sales Revenue Share by Type 2011-2017
Table Europe Market Sales Volume by Type 2011-2017
Table Europe Market Sales Volume Share by Type 2011-2017
Table Europe Price by Type 2011-2017
Table South America Market Sales Revenue by Type 2011-2017
Table South America Market Sales Revenue Share by Type 2011-2017
Table South America Market Sales Volume by Type 2011-2017
Table South America Market Sales Volume Share by Type 2011-2017
Table South America Price by Type 2011-2017
Table Middle East & Africa Market Sales Revenue by Type 2011-2017
Table Middle East & Africa Market Sales Revenue Share by Type 2011-2017
Table Middle East & Africa Market Sales Volume by Type 2011-2017
Table Middle East & Africa Market Sales Volume Share by Type 2011-2017
Table Middle East & Africa Price by Type 2011-2017
Table Global Market Sales Revenue by Application 2011-2017
Table Global Market Sales Revenue Share by Application 2011-2017
Table Global Market Sales Volume by Application 2011-2017
Table Global Market Sales Volume Share by Application 2011-2017
Table Global Price by Application 2011-2017
Table Asia-Pacific Market Sales Revenue by Application 2011-2017
Table Asia-Pacific Market Sales Revenue Share by Application 2011-2017
Table Asia-Pacific Market Sales Volume by Application 2011-2017
Table Asia-Pacific Market Sales Volume Share by Application 2011-2017
Table Asia-Pacific Price by Application 2011-2017
Table North America Market Sales Revenue by Application 2011-2017
Table North America Market Sales Revenue Share by Application 2011-2017
Table North America Market Sales Volume by Application 2011-2017
Table North America Market Sales Volume Share by Application 2011-2017

Table North America Price by Application 2011-2017

Table Europe Market Sales Revenue by Application 2011-2017

Table Europe Market Sales Revenue Share by Application 2011-2017

Table Europe Market Sales Volume by Application 2011-2017

Table Europe Market Sales Volume Share by Application 2011-2017

Table Europe Price by Application 2011-2017

Table South America Market Sales Revenue by Application 2011-2017

Table South America Market Sales Revenue Share by Application 2011-2017

Table South America Market Sales Volume by Application 2011-2017

Table South America Market Sales Volume Share by Application 2011-2017

Table South America Price by Application 2011-2017

Table Middle East & Africa Market Sales Revenue by Application 2011-2017

Table Middle East & Africa Market Sales Revenue Share by Application 2011-2017

Table Middle East & Africa Market Sales Volume by Application 2011-2017

Table Middle East & Africa Market Sales Volume Share by Application 2011-2017

Table Middle East & Africa Price by Application 2011-2017

Table Regional Export 2011-2017 (Value)

Table Regional Export 2011-2017 (Volume)

Table Regional Import 2011-2017 (Value)

Table Regional Import 2011-2017 (Volume)

Table Sales Revenue, Volume, Price, Cost and Margin of Intel Corporation

Table Sales Revenue, Volume, Price, Cost and Margin of Mellanox technologies

Table Sales Revenue, Volume, Price, Cost and Margin of Luxtera Inc

Table Sales Revenue, Volume, Price, Cost and Margin of IBM Corporation

Table Sales Revenue, Volume, Price, Cost and Margin of Molex Inc

Table Sales Revenue, Volume, Price, Cost and Margin of Cisco Systems

Table Sales Revenue, Volume, Price, Cost and Margin of Hamamatsu Photonics

Table Sales Revenue, Volume, Price, Cost and Margin of STMicroelectronics

Table Sales Revenue, Volume, Price, Cost and Margin of Infinera Corporation

Table Sales Revenue, Volume, Price, Cost and Margin of Finisar Corporation

Table Sales Revenue, Volume, Price, Cost and Margin of Luxtera Inc

Table Sales Revenue, Volume, Price, Cost and Margin of DAS Photonics

Table Sales Revenue, Volume, Price, Cost and Margin of Aurrion Inc

Figure Optical Waveguides Market Size and CAGR 2011-2017 (Value)

Figure Optical Waveguides Market Size and CAGR 2011-2017 (Volume)

Figure Optical Waveguides Market Forecast and CAGR 2018-2025 (Value)

Figure Optical Waveguides Market Forecast and CAGR 2018-2025 (Volume)

Figure Optical Modulators Market Size and CAGR 2011-2017 (Value)

Figure Optical Modulators Market Size and CAGR 2011-2017 (Volume)

Figure Optical Modulators Market Forecast and CAGR 2018-2025 (Value)
Figure Optical Modulators Market Forecast and CAGR 2018-2025 (Volume)
Figure Photodetectors Market Size and CAGR 2011-2017 (Value)
Figure Photodetectors Market Size and CAGR 2011-2017 (Volume)
Figure Photodetectors Market Forecast and CAGR 2018-2025 (Value)
Figure Photodetectors Market Forecast and CAGR 2018-2025 (Volume)
Figure Wavelength-Division Multiplexing (WDM) Filters Market Size and CAGR 2011-2017 (Value)
Figure Wavelength-Division Multiplexing (WDM) Filters Market Size and CAGR 2011-2017 (Volume)
Figure Wavelength-Division Multiplexing (WDM) Filters Market Forecast and CAGR 2018-2025 (Value)
Figure Wavelength-Division Multiplexing (WDM) Filters Market Forecast and CAGR 2018-2025 (Volume)
Figure IT & Telecommunications Market Size and CAGR 2011-2017 (Value)
Figure IT & Telecommunications Market Size and CAGR 2011-2017 (Volume)
Figure IT & Telecommunications Market Forecast and CAGR 2018-2025 (Value)
Figure IT & Telecommunications Market Forecast and CAGR 2018-2025 (Volume)
Figure Consumer Electronics Market Size and CAGR 2011-2017 (Value)
Figure Consumer Electronics Market Size and CAGR 2011-2017 (Volume)
Figure Consumer Electronics Market Forecast and CAGR 2018-2025 (Value)
Figure Consumer Electronics Market Forecast and CAGR 2018-2025 (Volume)
Figure Healthcare & Life Sciences Market Size and CAGR 2011-2017 (Value)
Figure Healthcare & Life Sciences Market Size and CAGR 2011-2017 (Volume)
Figure Healthcare & Life Sciences Market Forecast and CAGR 2018-2025 (Value)
Figure Healthcare & Life Sciences Market Forecast and CAGR 2018-2025 (Volume)
Figure Defense and Security Market Size and CAGR 2011-2017 (Value)
Figure Defense and Security Market Size and CAGR 2011-2017 (Volume)
Figure Defense and Security Market Forecast and CAGR 2018-2025 (Value)
Figure Defense and Security Market Forecast and CAGR 2018-2025 (Volume)
Figure Commercial Market Size and CAGR 2011-2017 (Value)
Figure Commercial Market Size and CAGR 2011-2017 (Volume)
Figure Commercial Market Forecast and CAGR 2018-2025 (Value)
Figure Commercial Market Forecast and CAGR 2018-2025 (Volume)
Figure Others Market Size and CAGR 2011-2017 (Value)
Figure Others Market Size and CAGR 2011-2017 (Volume)
Figure Others Market Forecast and CAGR 2018-2025 (Value)
Figure Others Market Forecast and CAGR 2018-2025 (Volume)
Figure Global Silicon Photonics Market Size and CAGR 2011-2017 (Value)

Figure Global Silicon Photonics Market Size and CAGR 2011-2017 (Volume)
Figure Global Silicon Photonics Market Forecast and CAGR 2018-2025 (Value)
Figure Global Silicon Photonics Market Forecast and CAGR 2018-2025 (Volume)
Figure Asia-Pacific Silicon Photonics Market Size and CAGR 2011-2017 (Value)
Figure Asia-Pacific Silicon Photonics Market Size and CAGR 2011-2017 (Volume)
Figure Asia-Pacific Silicon Photonics Market Forecast and CAGR 2018-2025 (Value)
Figure Asia-Pacific Silicon Photonics Market Forecast and CAGR 2018-2025 (Volume)
Figure North America Silicon Photonics Market Size and CAGR 2011-2017 (Value)
Figure North America Silicon Photonics Market Size and CAGR 2011-2017 (Volume)
Figure North America Silicon Photonics Market Forecast and CAGR 2018-2025 (Value)
Figure North America Silicon Photonics Market Forecast and CAGR 2018-2025 (Volume)
Figure Europe Silicon Photonics Market Size and CAGR 2011-2017 (Value)
Figure Europe Silicon Photonics Market Size and CAGR 2011-2017 (Volume)
Figure Europe Silicon Photonics Market Forecast and CAGR 2018-2025 (Value)
Figure Europe Silicon Photonics Market Forecast and CAGR 2018-2025 (Volume)
Figure South America Silicon Photonics Market Size and CAGR 2011-2017 (Value)
Figure South America Silicon Photonics Market Size and CAGR 2011-2017 (Volume)
Figure South America Silicon Photonics Market Forecast and CAGR 2018-2025 (Value)
Figure South America Silicon Photonics Market Forecast and CAGR 2018-2025 (Volume)
Figure Middle East & Africa Silicon Photonics Market Size and CAGR 2011-2017 (Value)
Figure Middle East & Africa Silicon Photonics Market Size and CAGR 2011-2017 (Volume)
Figure Middle East & Africa Silicon Photonics Market Forecast and CAGR 2018-2025 (Value)
Figure Middle East & Africa Silicon Photonics Market Forecast and CAGR 2018-2025 (Volume)
Figure Global Market Sales Revenue Share by Company in 2017
Figure Global Market Sales Volume Share by Company in 2017
Figure Asia-Pacific Market Sales Revenue Share by Company in 2017
Figure Asia-Pacific Market Sales Volume Share by Company in 2017
Figure North America Market Sales Revenue Share by Company in 2017
Figure North America Market Sales Volume Share by Company in 2017
Figure Europe Market Sales Revenue Share by Company in 2017
Figure Europe Market Sales Volume Share by Company in 2017
Figure South America Market Sales Revenue Share by Company in 2017
Figure South America Market Sales Volume Share by Company in 2017

Figure Middle East & Africa Market Sales Revenue Share by Company in 2017
Figure Middle East & Africa 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 Asia-Pacific Market Sales Revenue Share by Type in 2017
Figure Asia-Pacific Market Sales Volume Share by Type in 2017
Figure North America Market Sales Revenue Share by Type in 2017
Figure North America Market Sales Volume Share by Type in 2017
Figure Europe Market Sales Revenue Share by Type in 2017
Figure Europe Market Sales Volume Share by Type in 2017
Figure South America Market Sales Revenue Share by Type in 2017
Figure South America Market Sales Volume Share by Type in 2017
Figure Middle East & Africa Market Sales Revenue Share by Type in 2017
Figure Middle East & Africa 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 Asia-Pacific Market Sales Revenue Share by Application in 2017
Figure Asia-Pacific Market Sales Volume Share by Application in 2017
Figure North America Market Sales Revenue Share by Application in 2017
Figure North America Market Sales Volume Share by Application in 2017
Figure Europe Market Sales Revenue Share by Application in 2017
Figure Europe Market Sales Volume Share by Application in 2017
Figure South America Market Sales Revenue Share by Application in 2017
Figure South America Market Sales Volume Share by Application in 2017
Figure Middle East & Africa Market Sales Revenue Share by Application in 2017
Figure Middle East & Africa Market Sales Volume Share by Application in 2017
Figure Industry Chain Overview
Figure Silicon Photonics SWOT List
Figure Electronics Porter's Five Forces

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