

# Global Silicon Photonics Market Research Report 2021

https://marketpublishers.com/r/G29A8243974EN.html

Date: July 2016 Pages: 129 Price: US\$ 2,900.00 (Single User License) ID: G29A8243974EN

## Abstracts

This report studies Silicon Photonics in Global market, especially in North America, Europe, China, Japan, Korea and Taiwan, focuses on top manufacturers in global market, with sales, price, revenue and market share for each manufacturer, covering

CISCO SYSTEMS, INC.

INTEL CORPORATION

INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM)

MELLANOX TECHNOLOGIES, LTD.

HAMAMATSU PHOTONICS K.K.

FINISAR CORPORATION

INFINERA CORPORATION

STMICROELECTRONICS N.V.

LUXTERA INC.

AURRION INC.

DAS PHOTONICS



Market Segment by Regions, this report splits Global into several key Region, with production, consumption, revenue, market share and growth rate of Silicon Photonics in these regions, from 2011 to 2021 (forecast), like

North America China Europe Japan Taiwan Korea

Split by product type, with production, revenue, price, market share and growth rate of each type, can be divided into

TRANCEIVERS

ACTIVE OPTICAL CABLES

OPTICAL MULTIPLEXERS

VARIABLE OPTICAL ATTENUATORS

OPTICAL ENGINES

**RF CIRCUITS** 

Split by application, this report focuses on consumption, market share and growth rate of Silicon Photonics in each application, can be divided into

CONSUMER ELECTRONICS

TELECOMMUNICATION

Global Silicon Photonics Market Research Report 2021



DATA COMMUNICATION

MEDICAL AND LIFE SCIENCE

DEFENSE

COMMERCIAL



## Contents

Global Silicon Photonics Market Research Report 2021

### **1 SILICON PHOTONICS OVERVIEW**

- 1.1 Product Overview and Scope of Silicon Photonics
- 1.2 Silicon Photonics Segment by Types
- 1.2.1 Global Production Market Share of Silicon Photonics by Type in 2015
- 1.2.2 TRANCEIVERS Overview and Price
- 1.2.2.1 TRANCEIVERS Overview
- 1.2.2.2 TRANCEIVERS Price List in 2015 and 2016
- 1.2.3 ACTIVE OPTICAL CABLES
  - 1.2.3.1 ACTIVE OPTICAL CABLES Overview
- 1.2.3.2 ACTIVE OPTICAL CABLES Price List in 2015 and 2016
- **1.2.4 OPTICAL MULTIPLEXERS** 
  - 1.2.4.1 OPTICAL MULTIPLEXERS Overview
- 1.2.4.2 OPTICAL MULTIPLEXERS Price List in 2015 and 2016
- 1.2.5 VARIABLE OPTICAL ATTENUATORS
  - 1.2.5.1 VARIABLE OPTICAL ATTENUATORS Overview
- 1.2.5.2 VARIABLE OPTICAL ATTENUATORS Price List in 2015 and 2016
- **1.2.6 OPTICAL ENGINES**
- 1.2.6.1 OPTICAL ENGINES Overview
- 1.2.6.2 OPTICAL ENGINES Price List in 2015 and 2016
- 1.2.7 RF CIRCUITS
  - 1.2.7.1 RF CIRCUITS Overview
- 1.2.7.2 RF CIRCUITS Price List in 2015 and 2016
- 1.3 Silicon Photonics Segment by Application
- 1.3.1 Silicon Photonics Consumption Market Share by Application in 2015
- 1.3.2 CONSUMER ELECTRONICS and Major Clients (Buyers) List
- 1.3.3 TELECOMMUNICATION and Major Clients (Buyers) List
- 1.3.4 DATA COMMUNICATION and Major Clients (Buyers) List
- 1.3.5 MEDICAL AND LIFE SCIENCE and Major Clients (Buyers) List
- 1.3.6 DEFENSE and Major Clients (Buyers) List
- 1.3.7 COMMERCIAL and Major Clients (Buyers) List
- 1.4 Silicon Photonics Market by Region
- 1.4.1 North America Status and Prospect (2011-2021)
- 1.4.2 China Status and Prospect (2011-2021)
- 1.4.3 Europe Status and Prospect (2011-2021)



- 1.4.4 Japan Status and Prospect (2011-2021)
- 1.4.5 Taiwan Status and Prospect (2011-2021)
- 1.4.6 Korea Status and Prospect (2011-2021)
- 1.5 Global Market Size (Value and Volume) of Silicon Photonics (2011-2021)
- 1.5.1 Global Silicon Photonics Sales and Revenue (2011-2021)
- 1.5.2 Global Silicon Photonics Sales and Growth Rate (2011-2021)
- 1.5.3 Global Silicon Photonics Revenue and Growth Rate (2011-2021)

## 2 GLOBAL SILICON PHOTONICS MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Silicon Photonics Production and Share by Manufacturers (2015 and 2016)
- 2.2 Global Silicon Photonics Revenue and Share by Manufacturers (2015 and 2016)
- 2.3 Global Silicon Photonics Average Price by Manufacturers (2015 and 2016)
- 2.4 Manufacturers Silicon Photonics Manufacturing Base Distribution and Product Type
- 2.5 Competitive Situation and Trends
- 2.5.1 Expansions
- 2.5.2 New Product Launches
- 2.5.3 Acquisitions
- 2.5.4 Other Developments

## **3 GLOBAL SILICON PHOTONICS ANALYSIS BY REGION**

3.1 Global Silicon Photonics Production, Revenue and Market Share by Region (2011-2021)

- 3.1.1 Global Silicon Photonics Production Market Share by Region (2011-2021)
- 3.1.2 Global Silicon Photonics Revenue Market Share by Region (2011-2021)
- 3.2 Global Silicon Photonics Consumption by Region (2011-2021)

3.3 North America

- 3.3.1 North America Silicon Photonics Production, Revenue and Price (2011-2021)
- 3.3.2 North America Silicon Photonics Production, Revenue and Growth Rate (2011-2021)
- 3.4 Europe
- 3.4.1 Europe Silicon Photonics Production, Revenue and Price (2011-2021)
- 3.4.2 Europe Silicon Photonics Production, Revenue and Growth Rate (2011-2021) 3.5 China
- 3.5.1 China Silicon Photonics Production, Revenue and Price (2011-2021)
- 3.5.2 China Silicon Photonics Production, Revenue and Growth Rate (2011-2021) 3.6 Japan
  - 3.6.1 Japan Silicon Photonics Production, Revenue and Price (2011-2021)



3.6.2 Japan Silicon Photonics Production, Revenue and Growth Rate (2011-2021)3.7 Taiwan

3.7.1 Taiwan Silicon Photonics Production, Revenue and Price (2011-2021)

3.7.2 Taiwan Silicon Photonics Production, Revenue and Growth Rate (2011-2021)3.8 Korea

3.8.1 Korea Silicon Photonics Production, Revenue and Price (2011-2021)

3.8.2 Korea Silicon Photonics Production, Revenue and Growth Rate (2011-2021)

### 4 GLOBAL SILICON PHOTONICS ANALYSIS BY TYPE

4.1 Global Silicon Photonics Production, Revenue, Market Share and Growth Rate by Type (2011-2021)

4.1.1 Global Silicon Photonics Production and Market Share by Type (2011-2021)

4.1.2 Global Silicon Photonics Revenue, Market Share and Growth Rate by Type (2011-2021)

4.2 TRANCEIVERS Production, Revenue, Price and Growth (2011-2021)

4.3 ACTIVE OPTICAL CABLES Production, Revenue, Price and Growth (2011-2021)

4.4 OPTICAL MULTIPLEXERS Production, Revenue, Price and Growth (2011-2021) 4.5 VARIABLE OPTICAL ATTENUATORS Production, Revenue, Price and Growth (2011-2021)

4.6 OPTICAL ENGINES Production, Revenue, Price and Growth (2011-2021)

4.7 RF CIRCUITS Production, Revenue, Price and Growth (2011-2021)

## **5 GLOBAL SILICON PHOTONICS MARKET ANALYSIS BY APPLICATION**

5.1 Global Silicon Photonics Consumption and Market Share by Application (2011-2021)

5.2 Major Regions Silicon Photonics Consumption by Application in 2015 and 2016

5.2.1 North America Silicon Photonics Consumption by Application

- 5.2.2 Europe Silicon Photonics Consumption by Application
- 5.2.3 China Silicon Photonics Consumption by Application
- 5.2.4 Japan Silicon Photonics Consumption by Application
- 5.2.5 Taiwan Silicon Photonics Consumption by Application
- 5.2.6 Korea Silicon Photonics Consumption by Application
- 5.3 Global Silicon Photonics Consumption Growth Rate by Application (2011-2021)
- 5.4 Market Drivers and Opportunities
  - 5.4.1 Potential Applications
  - 5.4.2 Emerging Markets/Countries



#### 6 GLOBAL SILICON PHOTONICS MANUFACTURERS ANALYSIS

#### 6.1 CISCO SYSTEMS, INC.

- 6.1.1 Company Basic Information, Manufacturing Base and Competitors
- 6.1.2 Silicon Photonics Product Type and Technology
- 6.1.2.1 TRANCEIVERS
- 6.1.2.2 ACTIVE OPTICAL CABLES
- 6.1.2.3 OPTICAL MULTIPLEXERS

6.1.3 Electronics Production, Revenue, Price of Silicon Photonics (2015 and 2016)6.2 INTEL CORPORATION

- 6.2.1 Company Basic Information, Manufacturing Base and Competitors
- 6.2.2 Silicon Photonics Product Type and Technology
- 6.2.2.1 TRANCEIVERS
- 6.2.2.2 ACTIVE OPTICAL CABLES
- 6.2.2.3 OPTICAL MULTIPLEXERS

6.2.3 INTEL CORPORATION Production, Revenue, Price of Silicon Photonics (2015 and 2016)

- 6.3 INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM)
- 6.3.1 Company Basic Information, Manufacturing Base and Competitors
- 6.3.2 Silicon Photonics Product Type and Technology
  - 6.3.2.1 TRANCEIVERS
- 6.3.2.2 ACTIVE OPTICAL CABLES
- 6.3.2.3 OPTICAL MULTIPLEXERS

6.3.3 INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) Production, Revenue, Price of Silicon Photonics (2015 and 2016)

6.4 MELLANOX TECHNOLOGIES, LTD.

- 6.4.1 Company Basic Information, Manufacturing Base and Competitors
- 6.4.2 Silicon Photonics Product Type and Technology
- 6.4.2.1 TRANCEIVERS

6.4.2.2 ACTIVE OPTICAL CABLES

6.4.3 MELLANOX TECHNOLOGIES, LTD. Production, Revenue, Price of Silicon Photonics (2015 and 2016)

- 6.5 HAMAMATSU PHOTONICS K.K.
  - 6.5.1 Company Basic Information, Manufacturing Base and Competitors

6.5.2 Silicon Photonics Product Type and Technology

6.5.2.1 TRANCEIVERS

6.5.2.2 ACTIVE OPTICAL CABLES

6.5.3 HAMAMATSU PHOTONICS K.K. Production, Revenue, Price of Silicon Photonics (2015 and 2016)



#### 6.6 FINISAR CORPORATION

- 6.6.1 Company Basic Information, Manufacturing Base and Competitors
- 6.6.2 Silicon Photonics Product Type and Technology
  - 6.6.2.1 TRANCEIVERS
  - 6.6.2.2 ACTIVE OPTICAL CABLES

6.6.3 FINISAR CORPORATION Production, Revenue, Price of Silicon Photonics (2015 and 2016)

- 6.7 INFINERA CORPORATION
- 6.7.1 Company Basic Information, Manufacturing Base and Competitors
- 6.7.2 Silicon Photonics Product Type and Technology
- 6.7.2.1 TRANCEIVERS
- 6.7.2.2 ACTIVE OPTICAL CABLES

6.7.3 INFINERA CORPORATION Production, Revenue, Price of Silicon Photonics (2015 and 2016)

- 6.8 STMICROELECTRONICS N.V.
- 6.8.1 Company Basic Information, Manufacturing Base and Competitors
- 6.8.2 Silicon Photonics Product Type and Technology
- 6.8.2.1 TRANCEIVERS
- 6.8.2.2 ACTIVE OPTICAL CABLES

6.8.3 STMICROELECTRONICS N.V. Production, Revenue, Price of Silicon Photonics (2015 and 2016)

6.9 LUXTERA INC.

- 6.9.1 Company Basic Information, Manufacturing Base and Competitors
- 6.9.2 Silicon Photonics Product Type and Technology
- 6.9.2.1 TRANCEIVERS
- 6.9.2.2 ACTIVE OPTICAL CABLES

6.9.3 LUXTERA INC. Production, Revenue, Price of Silicon Photonics (2015 and 2016)

6.10 AURRION INC.

6.10.1 Company Basic Information, Manufacturing Base and Competitors

6.10.2 Silicon Photonics Product Type and Technology

6.10.2.1 TRANCEIVERS

6.10.2.2 ACTIVE OPTICAL CABLES

6.10.3 AURRION INC. Production, Revenue, Price of Silicon Photonics (2015 and 2016)

6.11 DAS PHOTONICS

## 7 SILICON PHOTONICS TECHNOLOGY AND DEVELOPMENT TREND



- 7.1 Silicon Photonics Technology Analysis
- 7.2 Silicon Photonics Technology Development Trend

### **8 RESEARCH FINDINGS AND CONCLUSION**



## **List Of Tables**

#### LIST OF TABLES AND FIGURES

**Figure Picture of Silicon Photonics** Figure Global Production Market Share of Silicon Photonics by Type in 2015 Table Silicon Photonics Product Types of by Manufacturers Figure Product Picture of TRANCEIVERS Table TRANCEIVERS Price List in 2015 and 2016 Figure Product Picture of ACTIVE OPTICAL CABLES Table ACTIVE OPTICAL CABLES Price List in 2015 and 2016 Figure Product Picture of OPTICAL MULTIPLEXERS Table OPTICAL MULTIPLEXERS Price List in 2015 and 2016 Figure Product Picture of VARIABLE OPTICAL ATTENUATORS Table VARIABLE OPTICAL ATTENUATORS Price List in 2015 and 2016 Figure Product Picture of OPTICAL ENGINES Table OPTICAL ENGINES Price List in 2015 and 2016 Figure Product Picture of RF CIRCUITS Table RF CIRCUITS Price List in 2015 and 2016 Table Silicon Photonics Consumption Market Share by Applications in 2015 and 2016 Table Silicon Photonics Major Clients (Buyers) List in CONSUMER ELECTRONICS Table Silicon Photonics Major Clients (Buyers) List in TELECOMMUNICATION Table Silicon Photonics Major Clients (Buyers) List in DATA COMMUNICATION Table Silicon Photonics Major Clients (Buyers) List in MEDICAL AND LIFE SCIENCE Table Silicon Photonics Major Clients (Buyers) List in DEFENSE Table Silicon Photonics Major Clients (Buyers) List in COMMERCIAL Figure North America Silicon Photonics Production and Growth Rate (2011-2021) Figure North America Silicon Photonics Consumption and Growth Rate (2011-2021) Figure China Silicon Photonics Production and Growth Rate (2011-2021) Figure China Silicon Photonics Consumption and Growth Rate (2011-2021) Figure Europe Silicon Photonics Production and Growth Rate (2011-2021) Figure Europe Silicon Photonics Consumption and Growth Rate (2011-2021) Figure Japan Silicon Photonics Production and Growth Rate (2011-2021) Figure Japan Silicon Photonics Consumption and Growth Rate (2011-2021) Figure Taiwan Silicon Photonics Production and Growth Rate (2011-2021) Figure Taiwan Silicon Photonics Consumption and Growth Rate (2011-2021) Figure Korea Silicon Photonics Production and Growth Rate (2011-2021) Figure Korea Silicon Photonics Consumption and Growth Rate (2011-2021) Table Global Silicon Photonics Production and Revenue (2011-2021)



Figure Global Silicon Photonics Production and Growth Rate (2011-2021) Figure Global Silicon Photonics Revenue and Growth Rate (2011-2021) Table Global Silicon Photonics Production of Key Manufacturers (2015 and 2016) Table Global Silicon Photonics Production Share by Manufacturers (2015 and 2016) Figure 2015 Silicon Photonics Production Share by Manufacturers Figure 2016 Silicon Photonics Production Share by Manufacturers Table Global Silicon Photonics Revenue by Manufacturers (2015 and 2016) Table Global Silicon Photonics Revenue Share by Manufacturers (2015 and 2016) Table 2015 Global Silicon Photonics Revenue Share by Manufacturers Table 2016 Global Silicon Photonics Revenue Share by Manufacturers Table 2016 Global Silicon Photonics Revenue Share by Manufacturers Table Global Silicon Photonics Revenue Share by Manufacturers Table 2016 Global Silicon Photonics Revenue Share by Manufacturers Table Global Silicon Photonics Revenue Share by Manufacturers Table 2016 Global Silicon Photonics Revenue Share by Manufacturers Table Manufacturers (2015 and 2015 and 2015) Table Global Market Silicon Photonics Average Price of Key Manufacturers (2015 and 2016) Table Manufacturers Silicon Photonics Manufacturing Base Distribution and Product

Туре

Table Global Silicon Photonics Production Market by Region (2011-2021) Figure Global Silicon Photonics Production Market by Region (2011-2021) Figure Global Silicon Photonics Production Market Share by Region (2011-2021) Table Global Silicon Photonics Revenue Market by Region (2011-2021) Table Global Silicon Photonics Revenue Market Share by Region (2011-2021) Table Global Silicon Photonics Consumption Market by Region (2011-2021) Table Global Silicon Photonics Consumption Market Share by Region (2011-2021) Figure Global Silicon Photonics Consumption Market Share by Region (2011-2021) Figure Global Silicon Photonics Consumption Market Share by Region (2011-2021) Figure Global Silicon Photonics Production, Revenue and Price (2011-2021) Figure North America Silicon Photonics Production, Revenue and Growth Rate (2011-2021)

Table Europe Silicon Photonics Production, Revenue and Price (2011-2021) Figure Europe Silicon Photonics Production, Revenue and Growth Rate (2011-2021) Table China Silicon Photonics Production, Revenue and Price (2011-2021) Figure China Silicon Photonics Production, Revenue and Growth Rate (2011-2021) Table Japan Silicon Photonics Production, Revenue and Price (2011-2021) Figure Japan Silicon Photonics Production, Revenue and Growth Rate (2011-2021) Table Taiwan Silicon Photonics Production, Revenue and Price (2011-2021) Figure Taiwan Silicon Photonics Production, Revenue and Price (2011-2021) Figure Taiwan Silicon Photonics Production, Revenue and Growth Rate (2011-2021) Table Korea Silicon Photonics Production, Revenue and Price (2011-2021) Figure Korea Silicon Photonics Production, Revenue and Growth Rate (2011-2021) Table Global Silicon Photonics Production by Type (2011-2021) Table Global Silicon Photonics Production Share by Type (2011-2021) Figure Production Market Share of Silicon Photonics by Type (2011-2021) Figure Global Silicon Photonics Production Growth Rate by Type (2011-2021)



Table Global Silicon Photonics Revenue by Type (2011-2021) Table Global Silicon Photonics Revenue Share by Type (2011-2021) Figure Global Silicon Photonics Revenue Growth Rate by Type (2011-2021) Figure TRANCEIVERS Production, Revenue and Growth (2011-2021) Figure TRANCEIVERS Price Trend (2011-2021) Figure ACTIVE OPTICAL CABLES Production, Revenue and Growth (2011-2021) Figure ACTIVE OPTICAL CABLES Price Trend (2011-2021) Figure OPTICAL MULTIPLEXERS Production, Revenue and Growth (2011-2021) Figure OPTICAL MULTIPLEXERS Price Trend (2011-2021) Figure VARIABLE OPTICAL ATTENUATORS Production, Revenue and Growth (2011 - 2021)Figure VARIABLE OPTICAL ATTENUATORS Price Trend (2011-2021) Figure OPTICAL ENGINES Production, Revenue and Growth (2011-2021) Figure OPTICAL ENGINES Price Trend (2011-2021) Figure RF CIRCUITS Production, Revenue and Growth (2011-2021) Figure RF CIRCUITS Price Trend (2011-2021) Table Global Silicon Photonics Consumption by Application (2011-2021) Table Global Silicon Photonics Consumption Market Share by Application (2011-2021) Figure Global Silicon Photonics Consumption Market Share by Application in 2015 Figure Global Silicon Photonics Consumption Market Share by Application in 2021 Table North America Silicon Photonics Consumption by Application (2015 and 2016) Table Europe Silicon Photonics Consumption by Application (2015 and 2016) Table China Silicon Photonics Consumption by Application (2015 and 2016) Table Japan Silicon Photonics Consumption by Application (2015 and 2016) Table Taiwan Silicon Photonics Consumption by Application (2015 and 2016) Table Korea Silicon Photonics Consumption by Application (2015 and 2016) Table Global Silicon Photonics Consumption Growth Rate by Application (2011-2021) Figure Global Silicon Photonics Consumption Growth Rate by Application (2011-2021) Table CISCO SYSTEMS, INC. Basic Information List Table Silicon Photonics Production, Revenue, Price of CISCO SYSTEMS, INC. (2015) and 2016) Table INTEL CORPORATION Basic Information List Table Silicon Photonics Production, Revenue, Price of INTEL CORPORATION (2015) and 2016) Table INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM) Basic Information List Table Silicon Photonics Production, Revenue, Price of INTERNATIONAL BUSINESS

MACHINES CORPORATION (IBM) (2015 and 2016)

Table MELLANOX TECHNOLOGIES, LTD. Basic Information List



Table Silicon Photonics Production, Revenue, Price of MELLANOX TECHNOLOGIES, LTD. (2015 and 2016) Table HAMAMATSU PHOTONICS K.K. Basic Information List Table Silicon Photonics Production, Revenue, Price of HAMAMATSU PHOTONICS K.K. (2015 and 2016) Table FINISAR CORPORATION Basic Information List Table Silicon Photonics Production, Revenue, Price of FINISAR CORPORATION (2015 and 2016) Table INFINERA CORPORATION Basic Information List Table Silicon Photonics Production, Revenue, Price of INFINERA CORPORATION (2015 and 2016) Table STMICROELECTRONICS N.V. Basic Information List Table Silicon Photonics Production, Revenue, Price of STMICROELECTRONICS N.V. (2015 and 2016) Table LUXTERA INC. Basic Information List Table Silicon Photonics Production, Revenue, Price of LUXTERA INC. (2015 and 2016) Table AURRION INC. Basic Information List Table Silicon Photonics Production, Revenue, Price of AURRION INC. (2015 and 2016) Table DAS PHOTONICS Basic Information List Table Silicon Photonics Production, Revenue, Price of DAS PHOTONICS (2015 and 2016)



#### I would like to order

Product name: Global Silicon Photonics Market Research Report 2021 Product link: https://marketpublishers.com/r/G29A8243974EN.html Price: US\$ 2,900.00 (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 <u>https://marketpublishers.com/r/G29A8243974EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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