

# Global Photonic Integrated Circuit Market Research Report 2012-2024

https://marketpublishers.com/r/G04F7FD5333EN.html

Date: July 2019

Pages: 78

Price: US\$ 2,280.00 (Single User License)

ID: G04F7FD5333EN

## **Abstracts**

#### **SUMMARY**

The global Photonic Integrated Circuit market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on Integration Type, the report describes major products type share of regional market. Products mentioned as follows:

Monolithic Integration

Hybrid Integration

Module Integration

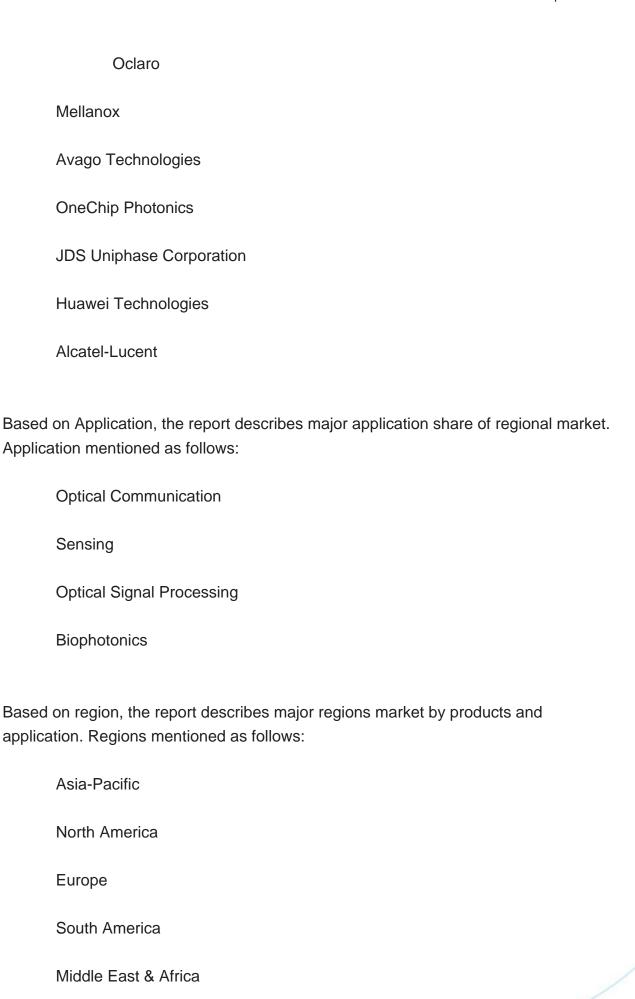
Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Infinera

**NeoPhotonics** 

Luxtera











## **Contents**

#### **1 MARKET OVERVIEW**

- 1.1 Objectives of Research
  - 1.1.1 Definition
  - 1.1.2 Specifications
- 1.2 Market Segment
  - 1.2.1 by Integration Type
    - 1.2.1.1 Monolithic Integration
    - 1.2.1.2 Hybrid Integration
    - 1.2.1.3 Module Integration
  - 1.2.2 by Application
    - 1.2.2.1 Optical Communication
    - 1.2.2.2 Sensing
    - 1.2.2.3 Optical Signal Processing
    - 1.2.2.4 Biophotonics
  - 1.2.3 by Regions

#### **2 INDUSTRY CHAIN**

- 2.1 Industry Chain Structure
- 2.2 Upstream
- 2.3 Market
  - 2.3.1 SWOT
  - 2.3.2 Dynamics

#### **3 ENVIRONMENTAL ANALYSIS**

- 3.1 Policy
- 3.2 Economic
- 3.3 Technology
- 3.4 Market Entry

#### **4 MARKET SEGMENTATION BY TYPE**

- 4.1 Market Size
  - 4.1.1 Monolithic Integration Market, 2013-2018
  - 4.1.2 Hybrid Integration Market, 2013-2018



- 4.1.3 Module Integration Market, 2013-2018
- 4.2 Market Forecast
  - 4.2.1 Monolithic Integration Market Forecast, 2019-2024
  - 4.2.2 Hybrid Integration Market Forecast, 2019-2024
  - 4.2.3 Module Integration Market Forecast, 2019-2024

#### **5 MARKET SEGMENTATION BY APPLICATION**

- 5.1 Market Size
  - 5.1.1 Optical Communication Market, 2013-2018
  - 5.1.2 Sensing Market, 2013-2018
  - 5.1.3 Optical Signal Processing Market, 2013-2018
  - 5.1.4 Biophotonics Market, 2013-2018
- 5.2 Market Forecast
  - 5.2.1 Optical Communication Market Forecast, 2019-2024
  - 5.2.2 Sensing Market Forecast, 2019-2024
  - 5.2.3 Optical Signal Processing Market Forecast, 2019-2024
  - 5.2.4 Biophotonics Market Forecast, 2019-2024

#### **6 MARKET SEGMENTATION BY REGION**

- 6.1 Market Size
  - 6.1.1 Asia-Pacific
    - 6.1.1.1 Asia-Pacific Market, 2012-2018
    - 6.1.1.2 Asia-Pacific Market by Type
    - 6.1.1.3 Asia-Pacific Market by Application
  - 6.1.2 North America
    - 6.1.2.1 North America Market, 2012-2018
    - 6.1.2.2 North America Market by Type
    - 6.1.2.3 North America Market by Application
  - 6.1.3 Europe
    - 6.1.3.1 Europe Market, 2012-2018
    - 6.1.3.2 Europe Market by Type
    - 6.1.3.3 Europe Market by Application
  - 6.1.4 South America
    - 6.1.4.1 South America Market, 2012-2018
    - 6.1.4.2 South America Market by Type
    - 6.1.4.3 South America Market by Application
  - 6.1.5 Middle East & Africa



- 6.1.5.1 Middle East & Africa Market, 2012-2018
- 6.1.5.2 Middle East & Africa Market by Type
- 6.1.5.3 Middle East & Africa Market by Application
- 6.2 Market Forecast
  - 6.2.1 Asia-Pacific Market Forecast, 2019-2024
  - 6.2.2 North America Market Forecast, 2019-2024
  - 6.2.3 Europe Market Forecast, 2019-2024
  - 6.2.4 South America Market Forecast, 2019-2024
  - 6.2.5 Middle East & Africa Market Forecast, 2019-2024

#### 7 MARKET COMPETITIVE

- 7.1 Global Market by Vendors
- 7.2 Market Concentration
- 7.3 Price & Factors
- 7.4 Marketing Channel

#### **8 MAJOR VENDORS**

- 8.1 Infinera
- 8.2 NeoPhotonics
- 8.3 Luxtera
- 8.4 Oclaro
- 8.5 Mellanox
- 8.6 Avago Technologies
- 8.7 OneChip Photonics
- 8.8 JDS Uniphase Corporation
- 8.9 Huawei Technologies
- 8.10 Alcatel-Lucent

#### 9 CONCLUSION



## **List Of Tables**

#### LIST OF TABLES

Table Product Specifications of Photonic Integrated Circuit

Table Products Segment of Photonic Integrated Circuit

**Table Monolithic Integration Overview** 

**Table Hybrid Integration Overview** 

**Table Module Integration Overview** 

Table Global Photonic Integrated Circuit Market by Type, 2011-2022 (USD Million)

Table Application Segment of Photonic Integrated Circuit

**Table Optical Communication Overview** 

**Table Sensing Overview** 

Table Optical Signal Processing Overview

**Table Biophotonics Overview** 

Table Global Photonic Integrated Circuit Market by Application, 2011-2022 (USD Million)

Table Global Photonic Integrated Circuit Market by Region, 2011-2022 (USD Million)

Table Cost of Photonic Integrated Circuit

**Table Market Dynamics** 

Table Policy of Photonic Integrated Circuit

Table GDP of Major Countries

Table Monolithic Integration CAGR by Revenue and Volume, 2012-2018

Table Hybrid Integration CAGR by Revenue and Volume, 2012-2018

Table Module Integration CAGR by Revenue and Volume, 2012-2018

Table Monolithic Integration CAGR by Revenue and Volume, 2012-2024

Table Hybrid Integration CAGR by Revenue and Volume, 2012-2024

Table Module Integration CAGR by Revenue and Volume, 2012-2024

Table Optical Communication CAGR by Revenue and Volume, 2012-2018

Table Sensing CAGR by Revenue and Volume, 2012-2018

Table Optical Signal Processing CAGR by Revenue and Volume, 2012-2018

Table Biophotonics CAGR by Revenue and Volume, 2012-2018

Table Global Photonic Integrated Circuit Market by Vendors, 2012-2018 (USD Million)

Table Global Photonic Integrated Circuit Market by Vendors, 2012-2018 (in Volume)

Table Global Photonic Integrated Circuit Market Share by Vendors, 2012-2018 (USD Million)

Table Global Photonic Integrated Circuit Market Share by Vendors, 2012-2018 (in Volume)

Table Price Factors List



Table Infinera Profile List

Table Microecological Modulator Operating Data of Infinera (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table NeoPhotonics Profile List

Table Microecological Modulator Operating Data of NeoPhotonics (Sales Revenue,

Sales Volume, Price, Cost, Gross Margin)

Table Luxtera Profile List

Table Microecological Modulator Operating Data of Luxtera (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Oclaro Profile List

Table Microecological Modulator Operating Data of Oclaro (Sales Revenue, Sales

Volume, Price, Cost, Gross Margin)

Table Mellanox Profile List

Table Microecological Modulator Operating Data of Mellanox (Sales Revenue, Sales

Volume, Price, Cost, Gross Margin)

Table Avago Technologies Profile List

Table Microecological Modulator Operating Data of Avago Technologies (Sales

Revenue, Sales Volume, Price, Cost, Gross Margin)

Table OneChip Photonics Profile List

Table Microecological Modulator Operating Data of OneChip Photonics (Sales

Revenue, Sales Volume, Price, Cost, Gross Margin)

Table JDS Uniphase Corporation Profile List

Table Microecological Modulator Operating Data of JDS Uniphase Corporation (Sales

Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Huawei Technologies Profile List

Table Microecological Modulator Operating Data of Huawei Technologies (Sales

Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Alcatel-Lucent Profile List

Table Microecological Modulator Operating Data of Alcatel-Lucent (Sales Revenue,

Sales Volume, Price, Cost, Gross Margin)



# **List Of Figures**

#### LIST OF FIGURES

Figure Photonic Integrated Circuit Picture

Figure Industry Chain Structure of Photonic Integrated Circuit

Figure SWOT of Photonic Integrated Circuit

Figure Monolithic Integration Market Size and Growth, 2012-2018 (USD Million)

Figure Monolithic Integration Market Size and Growth, 2012-2018 (in Volume)

Figure Hybrid Integration Market Size and Growth, 2012-2018 (USD Million)

Figure Hybrid Integration Market Size and Growth, 2012-2018 (in Volume)

Figure Module Integration Market Size and Growth, 2012-2018 (USD Million)

Figure Module Integration Market Size and Growth, 2012-2018 (in Volume)

Figure Monolithic Integration Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Monolithic Integration Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Hybrid Integration Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Hybrid Integration Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Module Integration Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Module Integration Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Optical Communication Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Sensing Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Optical Signal Processing Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Biophotonics Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size by Type

Figure Asia-Pacific Market Share by Type

Figure Asia-Pacific Market Size by Application

Figure Asia-Pacific Market Share by Application

Figure North America Market Size and Growth, 2012-2018 (USD Million)

Figure North America Market Size and Growth, 2012-2018 (in Volume)

Figure North America Market Size by Type

Figure North America Market Share by Type

Figure North America Market Size by Application

Figure North America Market Share by Application



Figure Europe Market Size and Growth, 2012-2018 (USD Million)

Figure Europe Market Size and Growth, 2012-2018 (in Volume)

Figure Europe Market Size by Type

Figure Europe Market Share by Type

Figure Europe Market Size by Application

Figure Europe Market Share by Application

Figure South America Market Size and Growth, 2012-2018 (USD Million)

Figure South America Market Size and Growth, 2012-2018 (in Volume)

Figure South America Market Size by Type

Figure South America Market Share by Type

Figure South America Market Size by Application

Figure South America Market Share by Application

Figure Middle East & Africa Market Size and Growth, 2012-2018 (USD Million)

Figure Middle East & Africa Market Size and Growth, 2012-2018 (in Volume)

Figure Middle East & Africa Market Size by Type

Figure Middle East & Africa Market Share by Type

Figure Middle East & Africa Market Size by Application

Figure Middle East & Africa Market Share by Application

Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure North America Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure North America Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Europe Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Europe Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure South America Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure South America Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Photonic Integrated Circuit Market Concentration by Region

Figure Marketing Channels Overview



#### I would like to order

Product name: Global Photonic Integrated Circuit Market Research Report 2012-2024

Product link: https://marketpublishers.com/r/G04F7FD5333EN.html

Price: US\$ 2,280.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

First name: Last name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G04F7FD5333EN.html">https://marketpublishers.com/r/G04F7FD5333EN.html</a>

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

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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