

# Global Photonic IC Market Survey and Trend Research 2018

<https://marketpublishers.com/r/GFA67D2EC9FEN.html>

Date: December 2017

Pages: 88

Price: US\$ 2,600.00 (Single User License)

ID: GFA67D2EC9FEN

## Abstracts

### Summary

A photonic integrated circuit (PIC) or integrated optical circuit is a device that integrates multiple (at least two) photonic functions and as such is similar to an electronic integrated circuit. The major difference between the two is that a photonic integrated circuit provides functions for information signals imposed on optical wavelengths typically in the visible spectrum or near infrared 850 nm-1650 nm.

This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

### Industry Chain

Raw Materials

Cost

Technology

Consumer Preference

Industry Overall:

History

Development & Trend

Market Competition

Trade Overview

Policy

Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

Company (Alcatel-Lucent, Infinera, Avago, NeoPhotonics, Cisco, Cisco, Ciena, Intel, Oclaro, JDS Uniphase, Finisar, Luxtera, Mellanox, OneChip etc.):

Company Profile

Product & Service

Business Operation Data

Market Share

Investment Analysis:

Market Features

Investment Opportunity

Investment Calculation

## Contents

### **1 PART 1 INDUSTRY OVERVIEW**

#### 1.1 Photonic IC Industry

##### 1.1.1 Definition

##### 1.1.2 Industry Trend

#### 1.2 Industry Chain

##### 1.2.1 Upstream

##### 1.2.2 Technology

##### 1.2.3 Cost Structure

##### 1.2.4 Consumer Preference

##### 1.2.2 Downstream

### **1 PART 2 INDUSTRY OVERALL**

#### 2.1 Industry History

#### 2.2 Development Prospect

#### 2.3 Competition Structure

#### 2.4 Relevant Policy

#### 2.5 Trade Overview

### **1 PART 3 PHOTONIC IC MARKET BY PRODUCT**

#### 3.1 Products List of Major Companies

#### 3.2 Market Size

#### 3.3 Market Forecast

### **4 KEY COMPANIES LIST**

#### 4.1 Alcatel-Lucent (Company Overview, Sales Data etc.)

##### 4.1.1 Company Overview

##### 4.1.2 Products and Services

##### 4.1.3 Business Analysis

#### 4.2 Infinera (Company Overview, Sales Data etc.)

##### 4.2.1 Company Overview

##### 4.2.2 Products and Services

##### 4.2.3 Business Analysis

#### 4.3 Avago (Company Overview, Sales Data etc.)

- 4.3.1 Company Overview
- 4.3.2 Products and Services
- 4.3.3 Business Analysis
- 4.4 NeoPhotonics (Company Overview, Sales Data etc.)
  - 4.4.1 Company Overview
  - 4.4.2 Products and Services
  - 4.4.3 Business Analysis
- 4.5 Cisco (Company Overview, Sales Data etc.)
  - 4.5.1 Company Overview
  - 4.5.2 Products and Services
  - 4.5.3 Business Analysis
- 4.6 Cisco (Company Overview, Sales Data etc.)
  - 4.6.1 Company Overview
  - 4.6.2 Products and Services
  - 4.6.3 Business Analysis
- 4.7 Ciena (Company Overview, Sales Data etc.)
  - 4.7.1 Company Overview
  - 4.7.2 Products and Services
  - 4.7.3 Business Analysis
- 4.8 Intel (Company Overview, Sales Data etc.)
  - 4.8.1 Company Overview
  - 4.8.2 Products and Services
  - 4.8.3 Business Analysis
- 4.9 Oclaro (Company Overview, Sales Data etc.)
  - 4.9.1 Company Overview
  - 4.9.2 Products and Services
  - 4.9.3 Business Analysis
- 4.10 JDS Uniphase (Company Overview, Sales Data etc.)
  - 4.10.1 Company Overview
  - 4.10.2 Products and Services
  - 4.10.3 Business Analysis
- 4.11 Finisar (Company Overview, Sales Data etc.)
- 4.12 Luxtera (Company Overview, Sales Data etc.)
- 4.13 Mellanox (Company Overview, Sales Data etc.)
- 4.14 OneChip (Company Overview, Sales Data etc.)

## **1 PART 5 MARKET COMPETITION**

### **5.1 Companies Competition**

## 5.2 Industry Competition Structure Analysis

- 5.2.1 Rivalry
- 5.2.2 Threat of New Entrants
- 5.2.3 Substitutes
- 5.2.4 Bargaining Power of Suppliers
- 5.2.5 Bargaining Power of Buyers

## **1 PART 6 MARKET DEMAND BY SEGMENT**

### 6.1 Demand Situation

- 6.1.1 Industry Application Status
- 6.1.2 Industry SWOT Analysis
  - 6.1.2.1 Strengths
  - 6.1.2.2 Weaknesses
  - 6.1.2.3 Opportunities
  - 6.1.2.4 Threats

### 6.2 Major Customer Survey

### 6.3 Demand Forecast

## **1 PART 7 REGION OPERATION**

### 7.1 Regional Market

### 7.2 Production and Sales by Region

- 7.2.1 Production
- 7.2.2 Sales
- 7.2.3 Trade

### 7.3 Regional Forecast

## **1 PART 8 MARKET INVESTMENT**

### 8.1 Market Features

- 8.1.1 Product Features
- 8.1.2 Price Features
- 8.1.3 Channel Features
- 8.1.4 Purchasing Features

### 8.2 Investment Opportunity

- 8.2.1 Regional Investment Opportunity
- 8.2.2 Industry Investment Opportunity

### 8.3 Investment Calculation

8.3.1 Cost Calculation

8.3.2 Revenue Calculation

8.3.3 Economic Performance Evaluation

## **1 PART 9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Photonic IC Market 2012-2017, by Type, in USD Million

Table Global Photonic IC Market 2012-2017, by Type, in Volume

Table Global Photonic IC Market Forecast 2018-2023, by Type, in USD Million

Table Global Photonic IC Market Forecast 2018-2023, by Type, in Volume

Table Alcatel-Lucent Overview List

Table Photonic IC Business Operation of Alcatel-Lucent (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Infinera Overview List

Table Photonic IC Business Operation of Infinera (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Avago Overview List

Table Photonic IC Business Operation of Avago (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table NeoPhotonics Overview List

Table Photonic IC Business Operation of NeoPhotonics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Cisco Overview List

Table Photonic IC Business Operation of Cisco (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Cisco Overview List

Table Photonic IC Business Operation of Cisco (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Ciena Overview List

Table Photonic IC Business Operation of Ciena (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Intel Overview List

Table Photonic IC Business Operation of Intel (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Oclaro Overview List

Table Photonic IC Business Operation of Oclaro (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table JDS Uniphase Overview List

Table Photonic IC Business Operation of JDS Uniphase (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Finisar Overview List



Table Photonic IC Business Operation of Finisar (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Luxtera Overview List

Table Photonic IC Business Operation of Luxtera (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Mellanox Overview List

Table Photonic IC Business Operation of Mellanox (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table OneChip Overview List

Table Photonic IC Business Operation of OneChip (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Global Photonic IC Sales Revenue 2012-2017, by Companies, in USD Million

Table Global Photonic IC Sales Revenue Share, by Companies, in USD Million

Table Global Photonic IC Sales Volume 2012-2017, by Companies, in Volume

Table Global Photonic IC Sales Revenue Share, by Companies in 2017, in Volume

Table Photonic IC Demand 2012-2017, by Application, in USD Million

Table Photonic IC Demand 2012-2017, by Application, in Volume

Table Photonic IC Demand Forecast 2018-2023, by Application, in USD Million

Table Photonic IC Demand Forecast 2018-2023, by Application, in Volume

Table Global Photonic IC Market 2012-2017, by Region, in USD Million

Table Global Photonic IC Market 2012-2017, by Region, in Volume

Table Photonic IC Market Forecast 2018-2023, by Region, in USD Million

Table Photonic IC Market Forecast 2018-2023, by Region, in Volume

## List Of Figures

### LIST OF FIGURES

Figure Photonic IC Industry Chain Structure

Figure Global Photonic IC Market Growth 2012-2017, by Type, in USD Million

Figure Global Photonic IC Market Growth 2012-2017, by Type, in Volume

Figure Global Photonic IC Sales Revenue Share, by Companies in 2017, in USD Million

Figure Global Photonic IC Sales Volume Share 2012-2017, by Companies, in Volume

Figure Production Development by Region

Figure Sales List by Region

## I would like to order

Product name: Global Photonic IC Market Survey and Trend Research 2018

Product link: <https://marketpublishers.com/r/GFA67D2EC9FEN.html>

Price: US\$ 2,600.00 (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/GFA67D2EC9FEN.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