

# Global Silicon Photonic Integrated Circuits Market Growth 2023-2029

<https://marketpublishers.com/r/G55D8081A3D7EN.html>

Date: January 2023

Pages: 98

Price: US\$ 3,660.00 (Single User License)

ID: G55D8081A3D7EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

LPI (LP Information)' newest research report, the “Silicon Photonic Integrated Circuits Industry Forecast” looks at past sales and reviews total world Silicon Photonic Integrated Circuits sales in 2022, providing a comprehensive analysis by region and market sector of projected Silicon Photonic Integrated Circuits sales for 2023 through 2029. With Silicon Photonic Integrated Circuits sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Silicon Photonic Integrated Circuits industry.

This Insight Report provides a comprehensive analysis of the global Silicon Photonic Integrated Circuits landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Silicon Photonic Integrated Circuits portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Silicon Photonic Integrated Circuits market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Silicon Photonic Integrated Circuits and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Silicon Photonic Integrated Circuits.

The global Silicon Photonic Integrated Circuits market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Silicon Photonic Integrated Circuits is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Silicon Photonic Integrated Circuits is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Silicon Photonic Integrated Circuits is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Silicon Photonic Integrated Circuits players cover Intel, Cisco Systems, InPhi (Marvell), Finisar (II-VI Incorporated), Juniper, Rockley Photonics and FUJITSU, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Silicon Photonic Integrated Circuits market by product type, application, key manufacturers and key regions and countries.

#### Market Segmentation:

##### Segmentation by type

Small Scale

Medium Scale

Large Scale

##### Segmentation by application

Fiber-Optic Communication

Biomedical

## Photonic Computing

This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Intel

Cisco Systems

InPhi (Marvell)

Finisar (II-VI Incorporated)

Juniper

Rockley Photonics

FUJITSU

Key Questions Addressed in this Report

What is the 10-year outlook for the global Silicon Photonic Integrated Circuits market?

What factors are driving Silicon Photonic Integrated Circuits market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Silicon Photonic Integrated Circuits market opportunities vary by end market size?

How does Silicon Photonic Integrated Circuits break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Silicon Photonic Integrated Circuits Annual Sales 2018-2029
  - 2.1.2 World Current & Future Analysis for Silicon Photonic Integrated Circuits by Geographic Region, 2018, 2022 & 2029
  - 2.1.3 World Current & Future Analysis for Silicon Photonic Integrated Circuits by Country/Region, 2018, 2022 & 2029
- 2.2 Silicon Photonic Integrated Circuits Segment by Type
  - 2.2.1 Small Scale
  - 2.2.2 Medium Scale
  - 2.2.3 Large Scale
- 2.3 Silicon Photonic Integrated Circuits Sales by Type
  - 2.3.1 Global Silicon Photonic Integrated Circuits Sales Market Share by Type (2018-2023)
  - 2.3.2 Global Silicon Photonic Integrated Circuits Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global Silicon Photonic Integrated Circuits Sale Price by Type (2018-2023)
- 2.4 Silicon Photonic Integrated Circuits Segment by Application
  - 2.4.1 Fiber-Optic Communication
  - 2.4.2 Biomedical
  - 2.4.3 Photonic Computing
- 2.5 Silicon Photonic Integrated Circuits Sales by Application
  - 2.5.1 Global Silicon Photonic Integrated Circuits Sale Market Share by Application (2018-2023)
  - 2.5.2 Global Silicon Photonic Integrated Circuits Revenue and Market Share by

Application (2018-2023)

2.5.3 Global Silicon Photonic Integrated Circuits Sale Price by Application (2018-2023)

### **3 GLOBAL SILICON PHOTONIC INTEGRATED CIRCUITS BY COMPANY**

3.1 Global Silicon Photonic Integrated Circuits Breakdown Data by Company

3.1.1 Global Silicon Photonic Integrated Circuits Annual Sales by Company (2018-2023)

3.1.2 Global Silicon Photonic Integrated Circuits Sales Market Share by Company (2018-2023)

3.2 Global Silicon Photonic Integrated Circuits Annual Revenue by Company (2018-2023)

3.2.1 Global Silicon Photonic Integrated Circuits Revenue by Company (2018-2023)

3.2.2 Global Silicon Photonic Integrated Circuits Revenue Market Share by Company (2018-2023)

3.3 Global Silicon Photonic Integrated Circuits Sale Price by Company

3.4 Key Manufacturers Silicon Photonic Integrated Circuits Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Silicon Photonic Integrated Circuits Product Location Distribution

3.4.2 Players Silicon Photonic Integrated Circuits Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR SILICON PHOTONIC INTEGRATED CIRCUITS BY GEOGRAPHIC REGION**

4.1 World Historic Silicon Photonic Integrated Circuits Market Size by Geographic Region (2018-2023)

4.1.1 Global Silicon Photonic Integrated Circuits Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Silicon Photonic Integrated Circuits Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Silicon Photonic Integrated Circuits Market Size by Country/Region (2018-2023)

4.2.1 Global Silicon Photonic Integrated Circuits Annual Sales by Country/Region

(2018-2023)

4.2.2 Global Silicon Photonic Integrated Circuits Annual Revenue by Country/Region

(2018-2023)

4.3 Americas Silicon Photonic Integrated Circuits Sales Growth

4.4 APAC Silicon Photonic Integrated Circuits Sales Growth

4.5 Europe Silicon Photonic Integrated Circuits Sales Growth

4.6 Middle East & Africa Silicon Photonic Integrated Circuits Sales Growth

## **5 AMERICAS**

5.1 Americas Silicon Photonic Integrated Circuits Sales by Country

5.1.1 Americas Silicon Photonic Integrated Circuits Sales by Country (2018-2023)

5.1.2 Americas Silicon Photonic Integrated Circuits Revenue by Country (2018-2023)

5.2 Americas Silicon Photonic Integrated Circuits Sales by Type

5.3 Americas Silicon Photonic Integrated Circuits Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Silicon Photonic Integrated Circuits Sales by Region

6.1.1 APAC Silicon Photonic Integrated Circuits Sales by Region (2018-2023)

6.1.2 APAC Silicon Photonic Integrated Circuits Revenue by Region (2018-2023)

6.2 APAC Silicon Photonic Integrated Circuits Sales by Type

6.3 APAC Silicon Photonic Integrated Circuits Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

7.1 Europe Silicon Photonic Integrated Circuits by Country

7.1.1 Europe Silicon Photonic Integrated Circuits Sales by Country (2018-2023)



- 7.1.2 Europe Silicon Photonic Integrated Circuits Revenue by Country (2018-2023)
- 7.2 Europe Silicon Photonic Integrated Circuits Sales by Type
- 7.3 Europe Silicon Photonic Integrated Circuits Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Silicon Photonic Integrated Circuits by Country
  - 8.1.1 Middle East & Africa Silicon Photonic Integrated Circuits Sales by Country (2018-2023)
  - 8.1.2 Middle East & Africa Silicon Photonic Integrated Circuits Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Silicon Photonic Integrated Circuits Sales by Type
- 8.3 Middle East & Africa Silicon Photonic Integrated Circuits Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Silicon Photonic Integrated Circuits
- 10.3 Manufacturing Process Analysis of Silicon Photonic Integrated Circuits
- 10.4 Industry Chain Structure of Silicon Photonic Integrated Circuits

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

## 11.1 Sales Channel

### 11.1.1 Direct Channels

### 11.1.2 Indirect Channels

## 11.2 Silicon Photonic Integrated Circuits Distributors

## 11.3 Silicon Photonic Integrated Circuits Customer

# **12 WORLD FORECAST REVIEW FOR SILICON PHOTONIC INTEGRATED CIRCUITS BY GEOGRAPHIC REGION**

## 12.1 Global Silicon Photonic Integrated Circuits Market Size Forecast by Region

### 12.1.1 Global Silicon Photonic Integrated Circuits Forecast by Region (2024-2029)

### 12.1.2 Global Silicon Photonic Integrated Circuits Annual Revenue Forecast by Region (2024-2029)

## 12.2 Americas Forecast by Country

## 12.3 APAC Forecast by Region

## 12.4 Europe Forecast by Country

## 12.5 Middle East & Africa Forecast by Country

## 12.6 Global Silicon Photonic Integrated Circuits Forecast by Type

## 12.7 Global Silicon Photonic Integrated Circuits Forecast by Application

# **13 KEY PLAYERS ANALYSIS**

## 13.1 Intel

### 13.1.1 Intel Company Information

### 13.1.2 Intel Silicon Photonic Integrated Circuits Product Portfolios and Specifications

### 13.1.3 Intel Silicon Photonic Integrated Circuits Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.1.4 Intel Main Business Overview

### 13.1.5 Intel Latest Developments

## 13.2 Cisco Systems

### 13.2.1 Cisco Systems Company Information

### 13.2.2 Cisco Systems Silicon Photonic Integrated Circuits Product Portfolios and Specifications

### 13.2.3 Cisco Systems Silicon Photonic Integrated Circuits Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.2.4 Cisco Systems Main Business Overview

### 13.2.5 Cisco Systems Latest Developments

## 13.3 InPhi (Marvell)

### 13.3.1 InPhi (Marvell) Company Information

13.3.2 InPhi (Marvell) Silicon Photonic Integrated Circuits Product Portfolios and Specifications

13.3.3 InPhi (Marvell) Silicon Photonic Integrated Circuits Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 InPhi (Marvell) Main Business Overview

13.3.5 InPhi (Marvell) Latest Developments

13.4 Finisar (II-VI Incorporated)

13.4.1 Finisar (II-VI Incorporated) Company Information

13.4.2 Finisar (II-VI Incorporated) Silicon Photonic Integrated Circuits Product Portfolios and Specifications

13.4.3 Finisar (II-VI Incorporated) Silicon Photonic Integrated Circuits Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Finisar (II-VI Incorporated) Main Business Overview

13.4.5 Finisar (II-VI Incorporated) Latest Developments

13.5 Juniper

13.5.1 Juniper Company Information

13.5.2 Juniper Silicon Photonic Integrated Circuits Product Portfolios and Specifications

13.5.3 Juniper Silicon Photonic Integrated Circuits Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Juniper Main Business Overview

13.5.5 Juniper Latest Developments

13.6 Rockley Photonics

13.6.1 Rockley Photonics Company Information

13.6.2 Rockley Photonics Silicon Photonic Integrated Circuits Product Portfolios and Specifications

13.6.3 Rockley Photonics Silicon Photonic Integrated Circuits Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 Rockley Photonics Main Business Overview

13.6.5 Rockley Photonics Latest Developments

13.7 FUJITSU

13.7.1 FUJITSU Company Information

13.7.2 FUJITSU Silicon Photonic Integrated Circuits Product Portfolios and Specifications

13.7.3 FUJITSU Silicon Photonic Integrated Circuits Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 FUJITSU Main Business Overview

13.7.5 FUJITSU Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

Table 1. Silicon Photonic Integrated Circuits Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Silicon Photonic Integrated Circuits Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Small Scale

Table 4. Major Players of Medium Scale

Table 5. Major Players of Large Scale

Table 6. Global Silicon Photonic Integrated Circuits Sales by Type (2018-2023) & (Units)

Table 7. Global Silicon Photonic Integrated Circuits Sales Market Share by Type (2018-2023)

Table 8. Global Silicon Photonic Integrated Circuits Revenue by Type (2018-2023) & (\$ million)

Table 9. Global Silicon Photonic Integrated Circuits Revenue Market Share by Type (2018-2023)

Table 10. Global Silicon Photonic Integrated Circuits Sale Price by Type (2018-2023) & (US\$/Unit)

Table 11. Global Silicon Photonic Integrated Circuits Sales by Application (2018-2023) & (Units)

Table 12. Global Silicon Photonic Integrated Circuits Sales Market Share by Application (2018-2023)

Table 13. Global Silicon Photonic Integrated Circuits Revenue by Application (2018-2023)

Table 14. Global Silicon Photonic Integrated Circuits Revenue Market Share by Application (2018-2023)

Table 15. Global Silicon Photonic Integrated Circuits Sale Price by Application (2018-2023) & (US\$/Unit)

Table 16. Global Silicon Photonic Integrated Circuits Sales by Company (2018-2023) & (Units)

Table 17. Global Silicon Photonic Integrated Circuits Sales Market Share by Company (2018-2023)

Table 18. Global Silicon Photonic Integrated Circuits Revenue by Company (2018-2023) (\$ Millions)

Table 19. Global Silicon Photonic Integrated Circuits Revenue Market Share by Company (2018-2023)

Table 20. Global Silicon Photonic Integrated Circuits Sale Price by Company (2018-2023) & (US\$/Unit)
Table 21. Key Manufacturers Silicon Photonic Integrated Circuits Producing Area Distribution and Sales Area
Table 22. Players Silicon Photonic Integrated Circuits Products Offered
Table 23. Silicon Photonic Integrated Circuits Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
Table 24. New Products and Potential Entrants
Table 25. Mergers & Acquisitions, Expansion
Table 26. Global Silicon Photonic Integrated Circuits Sales by Geographic Region (2018-2023) & (Units)
Table 27. Global Silicon Photonic Integrated Circuits Sales Market Share Geographic Region (2018-2023)
Table 28. Global Silicon Photonic Integrated Circuits Revenue by Geographic Region (2018-2023) & (\$ millions)
Table 29. Global Silicon Photonic Integrated Circuits Revenue Market Share by Geographic Region (2018-2023)
Table 30. Global Silicon Photonic Integrated Circuits Sales by Country/Region (2018-2023) & (Units)
Table 31. Global Silicon Photonic Integrated Circuits Sales Market Share by Country/Region (2018-2023)
Table 32. Global Silicon Photonic Integrated Circuits Revenue by Country/Region (2018-2023) & (\$ millions)
Table 33. Global Silicon Photonic Integrated Circuits Revenue Market Share by Country/Region (2018-2023)
Table 34. Americas Silicon Photonic Integrated Circuits Sales by Country (2018-2023) & (Units)
Table 35. Americas Silicon Photonic Integrated Circuits Sales Market Share by Country (2018-2023)
Table 36. Americas Silicon Photonic Integrated Circuits Revenue by Country (2018-2023) & (\$ Millions)
Table 37. Americas Silicon Photonic Integrated Circuits Revenue Market Share by Country (2018-2023)
Table 38. Americas Silicon Photonic Integrated Circuits Sales by Type (2018-2023) & (Units)
Table 39. Americas Silicon Photonic Integrated Circuits Sales by Application (2018-2023) & (Units)
Table 40. APAC Silicon Photonic Integrated Circuits Sales by Region (2018-2023) & (Units)

Table 41. APAC Silicon Photonic Integrated Circuits Sales Market Share by Region (2018-2023)

Table 42. APAC Silicon Photonic Integrated Circuits Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC Silicon Photonic Integrated Circuits Revenue Market Share by Region (2018-2023)

Table 44. APAC Silicon Photonic Integrated Circuits Sales by Type (2018-2023) & (Units)

Table 45. APAC Silicon Photonic Integrated Circuits Sales by Application (2018-2023) & (Units)

Table 46. Europe Silicon Photonic Integrated Circuits Sales by Country (2018-2023) & (Units)

Table 47. Europe Silicon Photonic Integrated Circuits Sales Market Share by Country (2018-2023)

Table 48. Europe Silicon Photonic Integrated Circuits Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Silicon Photonic Integrated Circuits Revenue Market Share by Country (2018-2023)

Table 50. Europe Silicon Photonic Integrated Circuits Sales by Type (2018-2023) & (Units)

Table 51. Europe Silicon Photonic Integrated Circuits Sales by Application (2018-2023) & (Units)

Table 52. Middle East & Africa Silicon Photonic Integrated Circuits Sales by Country (2018-2023) & (Units)

Table 53. Middle East & Africa Silicon Photonic Integrated Circuits Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Silicon Photonic Integrated Circuits Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Silicon Photonic Integrated Circuits Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Silicon Photonic Integrated Circuits Sales by Type (2018-2023) & (Units)

Table 57. Middle East & Africa Silicon Photonic Integrated Circuits Sales by Application (2018-2023) & (Units)

Table 58. Key Market Drivers & Growth Opportunities of Silicon Photonic Integrated Circuits

Table 59. Key Market Challenges & Risks of Silicon Photonic Integrated Circuits

Table 60. Key Industry Trends of Silicon Photonic Integrated Circuits

Table 61. Silicon Photonic Integrated Circuits Raw Material



Table 62. Key Suppliers of Raw Materials

Table 63. Silicon Photonic Integrated Circuits Distributors List

Table 64. Silicon Photonic Integrated Circuits Customer List

Table 65. Global Silicon Photonic Integrated Circuits Sales Forecast by Region  
(2024-2029) & (Units)

Table 66. Global Silicon Photonic Integrated Circuits Revenue Forecast by Region  
(2024-2029) & (\$ millions)

Table 67. Americas Silicon Photonic Integrated Circuits Sales Forecast by Country  
(2024-2029) & (Units)

Table 68. Americas Silicon Photonic Integrated Circuits Revenue Forecast by Country  
(2024-2029) & (\$ millions)

Table 69. APAC Silicon Photonic Integrated Circuits Sales Forecast by Region  
(2024-2029) & (Units)

Table 70. APAC Silicon Photonic Integrated Circuits Revenue Forecast by Region  
(2024-2029) & (\$ millions)

Table 71. Europe Silicon Photonic Integrated Circuits Sales Forecast by Country  
(2024-2029) & (Units)

Table 72. Europe Silicon Photonic Integrated Circuits Revenue Forecast by Country  
(2024-2029) & (\$ millions)

Table 73. Middle East & Africa Silicon Photonic Integrated Circuits Sales Forecast by  
Country (2024-2029) & (Units)

Table 74. Middle East & Africa Silicon Photonic Integrated Circuits Revenue Forecast  
by Country (2024-2029) & (\$ millions)

Table 75. Global Silicon Photonic Integrated Circuits Sales Forecast by Type  
(2024-2029) & (Units)

Table 76. Global Silicon Photonic Integrated Circuits Revenue Forecast by Type  
(2024-2029) & (\$ Millions)

Table 77. Global Silicon Photonic Integrated Circuits Sales Forecast by Application  
(2024-2029) & (Units)

Table 78. Global Silicon Photonic Integrated Circuits Revenue Forecast by Application  
(2024-2029) & (\$ Millions)

Table 79. Intel Basic Information, Silicon Photonic Integrated Circuits Manufacturing  
Base, Sales Area and Its Competitors

Table 80. Intel Silicon Photonic Integrated Circuits Product Portfolios and Specifications

Table 81. Intel Silicon Photonic Integrated Circuits Sales (Units), Revenue (\$ Million),  
Price (US\$/Unit) and Gross Margin (2018-2023)

Table 82. Intel Main Business

Table 83. Intel Latest Developments

Table 84. Cisco Systems Basic Information, Silicon Photonic Integrated Circuits



Manufacturing Base, Sales Area and Its Competitors

Table 85. Cisco Systems Silicon Photonic Integrated Circuits Product Portfolios and Specifications

Table 86. Cisco Systems Silicon Photonic Integrated Circuits Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 87. Cisco Systems Main Business

Table 88. Cisco Systems Latest Developments

Table 89. InPhi (Marvell) Basic Information, Silicon Photonic Integrated Circuits Manufacturing Base, Sales Area and Its Competitors

Table 90. InPhi (Marvell) Silicon Photonic Integrated Circuits Product Portfolios and Specifications

Table 91. InPhi (Marvell) Silicon Photonic Integrated Circuits Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 92. InPhi (Marvell) Main Business

Table 93. InPhi (Marvell) Latest Developments

Table 94. Finisar (II-VI Incorporated) Basic Information, Silicon Photonic Integrated Circuits Manufacturing Base, Sales Area and Its Competitors

Table 95. Finisar (II-VI Incorporated) Silicon Photonic Integrated Circuits Product Portfolios and Specifications

Table 96. Finisar (II-VI Incorporated) Silicon Photonic Integrated Circuits Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 97. Finisar (II-VI Incorporated) Main Business

Table 98. Finisar (II-VI Incorporated) Latest Developments

Table 99. Juniper Basic Information, Silicon Photonic Integrated Circuits Manufacturing Base, Sales Area and Its Competitors

Table 100. Juniper Silicon Photonic Integrated Circuits Product Portfolios and Specifications

Table 101. Juniper Silicon Photonic Integrated Circuits Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 102. Juniper Main Business

Table 103. Juniper Latest Developments

Table 104. Rockley Photonics Basic Information, Silicon Photonic Integrated Circuits Manufacturing Base, Sales Area and Its Competitors

Table 105. Rockley Photonics Silicon Photonic Integrated Circuits Product Portfolios and Specifications

Table 106. Rockley Photonics Silicon Photonic Integrated Circuits Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 107. Rockley Photonics Main Business

Table 108. Rockley Photonics Latest Developments

Table 109. FUJITSU Basic Information, Silicon Photonic Integrated Circuits  
Manufacturing Base, Sales Area and Its Competitors

Table 110. FUJITSU Silicon Photonic Integrated Circuits Product Portfolios and  
Specifications

Table 111. FUJITSU Silicon Photonic Integrated Circuits Sales (Units), Revenue (\$  
Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 112. FUJITSU Main Business

Table 113. FUJITSU Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Silicon Photonic Integrated Circuits
- Figure 2. Silicon Photonic Integrated Circuits Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Silicon Photonic Integrated Circuits Sales Growth Rate 2018-2029 (Units)
- Figure 7. Global Silicon Photonic Integrated Circuits Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Silicon Photonic Integrated Circuits Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Small Scale
- Figure 10. Product Picture of Medium Scale
- Figure 11. Product Picture of Large Scale
- Figure 12. Global Silicon Photonic Integrated Circuits Sales Market Share by Type in 2022
- Figure 13. Global Silicon Photonic Integrated Circuits Revenue Market Share by Type (2018-2023)
- Figure 14. Silicon Photonic Integrated Circuits Consumed in Fiber-Optic Communication
- Figure 15. Global Silicon Photonic Integrated Circuits Market: Fiber-Optic Communication (2018-2023) & (Units)
- Figure 16. Silicon Photonic Integrated Circuits Consumed in Biomedical
- Figure 17. Global Silicon Photonic Integrated Circuits Market: Biomedical (2018-2023) & (Units)
- Figure 18. Silicon Photonic Integrated Circuits Consumed in Photonic Computing
- Figure 19. Global Silicon Photonic Integrated Circuits Market: Photonic Computing (2018-2023) & (Units)
- Figure 20. Global Silicon Photonic Integrated Circuits Sales Market Share by Application (2022)
- Figure 21. Global Silicon Photonic Integrated Circuits Revenue Market Share by Application in 2022
- Figure 22. Silicon Photonic Integrated Circuits Sales Market by Company in 2022 (Units)
- Figure 23. Global Silicon Photonic Integrated Circuits Sales Market Share by Company in 2022

Figure 24. Silicon Photonic Integrated Circuits Revenue Market by Company in 2022 (\$ Million)

Figure 25. Global Silicon Photonic Integrated Circuits Revenue Market Share by Company in 2022

Figure 26. Global Silicon Photonic Integrated Circuits Sales Market Share by Geographic Region (2018-2023)

Figure 27. Global Silicon Photonic Integrated Circuits Revenue Market Share by Geographic Region in 2022

Figure 28. Americas Silicon Photonic Integrated Circuits Sales 2018-2023 (Units)

Figure 29. Americas Silicon Photonic Integrated Circuits Revenue 2018-2023 (\$ Millions)

Figure 30. APAC Silicon Photonic Integrated Circuits Sales 2018-2023 (Units)

Figure 31. APAC Silicon Photonic Integrated Circuits Revenue 2018-2023 (\$ Millions)

Figure 32. Europe Silicon Photonic Integrated Circuits Sales 2018-2023 (Units)

Figure 33. Europe Silicon Photonic Integrated Circuits Revenue 2018-2023 (\$ Millions)

Figure 34. Middle East & Africa Silicon Photonic Integrated Circuits Sales 2018-2023 (Units)

Figure 35. Middle East & Africa Silicon Photonic Integrated Circuits Revenue 2018-2023 (\$ Millions)

Figure 36. Americas Silicon Photonic Integrated Circuits Sales Market Share by Country in 2022

Figure 37. Americas Silicon Photonic Integrated Circuits Revenue Market Share by Country in 2022

Figure 38. Americas Silicon Photonic Integrated Circuits Sales Market Share by Type (2018-2023)

Figure 39. Americas Silicon Photonic Integrated Circuits Sales Market Share by Application (2018-2023)

Figure 40. United States Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 41. Canada Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Mexico Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 43. Brazil Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 44. APAC Silicon Photonic Integrated Circuits Sales Market Share by Region in 2022

Figure 45. APAC Silicon Photonic Integrated Circuits Revenue Market Share by Regions in 2022

Figure 46. APAC Silicon Photonic Integrated Circuits Sales Market Share by Type (2018-2023)

Figure 47. APAC Silicon Photonic Integrated Circuits Sales Market Share by Application (2018-2023)

Figure 48. China Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 49. Japan Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 50. South Korea Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 51. Southeast Asia Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 52. India Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 53. Australia Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 54. China Taiwan Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Europe Silicon Photonic Integrated Circuits Sales Market Share by Country in 2022

Figure 56. Europe Silicon Photonic Integrated Circuits Revenue Market Share by Country in 2022

Figure 57. Europe Silicon Photonic Integrated Circuits Sales Market Share by Type (2018-2023)

Figure 58. Europe Silicon Photonic Integrated Circuits Sales Market Share by Application (2018-2023)

Figure 59. Germany Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 60. France Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 61. UK Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Italy Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 63. Russia Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Middle East & Africa Silicon Photonic Integrated Circuits Sales Market Share by Country in 2022

Figure 65. Middle East & Africa Silicon Photonic Integrated Circuits Revenue Market

Share by Country in 2022

Figure 66. Middle East & Africa Silicon Photonic Integrated Circuits Sales Market Share by Type (2018-2023)

Figure 67. Middle East & Africa Silicon Photonic Integrated Circuits Sales Market Share by Application (2018-2023)

Figure 68. Egypt Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 69. South Africa Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Israel Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 71. Turkey Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 72. GCC Country Silicon Photonic Integrated Circuits Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Manufacturing Cost Structure Analysis of Silicon Photonic Integrated Circuits in 2022

Figure 74. Manufacturing Process Analysis of Silicon Photonic Integrated Circuits

Figure 75. Industry Chain Structure of Silicon Photonic Integrated Circuits

Figure 76. Channels of Distribution

Figure 77. Global Silicon Photonic Integrated Circuits Sales Market Forecast by Region (2024-2029)

Figure 78. Global Silicon Photonic Integrated Circuits Revenue Market Share Forecast by Region (2024-2029)

Figure 79. Global Silicon Photonic Integrated Circuits Sales Market Share Forecast by Type (2024-2029)

Figure 80. Global Silicon Photonic Integrated Circuits Revenue Market Share Forecast by Type (2024-2029)

Figure 81. Global Silicon Photonic Integrated Circuits Sales Market Share Forecast by Application (2024-2029)

Figure 82. Global Silicon Photonic Integrated Circuits Revenue Market Share Forecast by Application (2024-2029)

## I would like to order

Product name: Global Silicon Photonic Integrated Circuits Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G55D8081A3D7EN.html>

Price: US\$ 3,660.00 (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/G55D8081A3D7EN.html>