+357 96 030922
info@marketpublishers.com

Global Silicon Photonic Device Market Growth 2026-2032

https://marketpublishers.com/r/GA1831619636EN.html
Date: April 2026
Pages: 134
Price: US$ 3,660.00 (Single User License)
ID: GA1831619636EN

Abstracts

The global Silicon Photonic Device market size is predicted to grow from US$ 2896 million in 2025 to US$ 12770 million in 2032; it is expected to grow at a CAGR of 24.1% from 2026 to 2032.

Silicon Photonic device mainly includes optical active and passive devices made of silicon semiconductor materials, including silicon-based lasers (responsible for converting electrical signals into optical signals), silicon-based photodetectors (responsible for converting optical signals into electrical signals), silicon Basic optical modulator (responsible for increasing the bandwidth of optical signals), planar waveguide (responsible for optical signal transmission on silicon-based materials), grating coupler (responsible for aligning with externally connected optical fibers to reduce insertion loss), etc.

Improvement in data center cloud computing performance, increase in data traffic, decrease in bandwidth, and continuous specification across the silicon photonics device end-use industry are the key factors driving the increase in silicon photonics device market revenue.

LP Information, Inc. (LPI) ' newest research report, the ?Silicon Photonic Device Industry Forecast? looks at past sales and reviews total world Silicon Photonic Device sales in 2025, providing a comprehensive analysis by region and market sector of projected Silicon Photonic Device sales for 2026 through 2032. With Silicon Photonic Device sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Silicon Photonic Device industry.

This Insight Report provides a comprehensive analysis of the global Silicon Photonic

+357 96 030922
info@marketpublishers.com

Device 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 Device portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global Silicon Photonic Device market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Silicon Photonic Device 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 Device.

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

Segmentation by Type:

Active

Passive

Segmentation by Application:

Telecommunications

Medical

Defense

Consumer Electronics

Others

This report also splits the market by region:

+357 96 030922
info@marketpublishers.com

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

+357 96 030922
info@marketpublishers.com

South Africa

Israel

Turkey

GCC Countries

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

Cisco Systems

Intel

IBM

STMicroelectronics

Broadcom

Acacia

Finisar

Infinera

Luxtera

Hamamatsu

Juniper

Rockley Photonics

Reflex Photonics

+357 96 030922
info@marketpublishers.com

Huawei

Wuhan Research Institute of Posts and Telecommunications

Hisense Broadband Multimedia Technologies

Shandong Yunhai Guochuang

Key Questions Addressed in this Report

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

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

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

How do Silicon Photonic Device market opportunities vary by end market size?

How does Silicon Photonic Device break out by Type, by Application?

+357 96 030922
info@marketpublishers.com

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 Device Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Silicon Photonic Device by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Silicon Photonic Device by Country/Region, 2021, 2025 & 2032
2.2 Silicon Photonic Device Segment by Type
  2.2.1 Active
  2.2.2 Passive
  2.2.3 Silicon Photonic Device Sales by Type
    2.2.3.1 Global Silicon Photonic Device Sales Market Share by Type (2021-2026)
    2.2.3.2 Global Silicon Photonic Device Revenue and Market Share by Type (2021-2026)
    2.2.3.3 Global Silicon Photonic Device Sale Price by Type (2021-2026)
2.3 Silicon Photonic Device Segment by Application
  2.3.1 Telecommunications
  2.3.2 Medical
  2.3.3 Defense
  2.3.4 Consumer Electronics
  2.3.5 Others
  2.3.6 Silicon Photonic Device Sales by Application
    2.3.6.1 Global Silicon Photonic Device Sale Market Share by Application (2021-2026)
    2.3.6.2 Global Silicon Photonic Device Revenue and Market Share by Application (2021-2026)

+357 96 030922
info@marketpublishers.com

2.3.6.3 Global Silicon Photonic Device Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Silicon Photonic Device Breakdown Data by Company
3.1.1 Global Silicon Photonic Device Annual Sales by Company (2021-2026)
3.1.2 Global Silicon Photonic Device Sales Market Share by Company (2021-2026)
3.2 Global Silicon Photonic Device Annual Revenue by Company (2021-2026)
3.2.1 Global Silicon Photonic Device Revenue by Company (2021-2026)
3.2.2 Global Silicon Photonic Device Revenue Market Share by Company (2021-2026)
3.3 Global Silicon Photonic Device Sale Price by Company
3.4 Key Manufacturers Silicon Photonic Device Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Silicon Photonic Device Product Location Distribution
3.4.2 Players Silicon Photonic Device Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SILICON PHOTONIC DEVICE BY GEOGRAPHIC REGION

4.1 World Historic Silicon Photonic Device Market Size by Geographic Region (2021-2026)
4.1.1 Global Silicon Photonic Device Annual Sales by Geographic Region (2021-2026)
4.1.2 Global Silicon Photonic Device Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Silicon Photonic Device Market Size by Country/Region (2021-2026)
4.2.1 Global Silicon Photonic Device Annual Sales by Country/Region (2021-2026)
4.2.2 Global Silicon Photonic Device Annual Revenue by Country/Region (2021-2026)
4.3 Americas Silicon Photonic Device Sales Growth
4.4 APAC Silicon Photonic Device Sales Growth
4.5 Europe Silicon Photonic Device Sales Growth
4.6 Middle East & Africa Silicon Photonic Device Sales Growth

5 AMERICAS

+357 96 030922
info@marketpublishers.com

5.1 Americas Silicon Photonic Device Sales by Country
5.1.1 Americas Silicon Photonic Device Sales by Country (2021-2026)
5.1.2 Americas Silicon Photonic Device Revenue by Country (2021-2026)
5.2 Americas Silicon Photonic Device Sales by Type (2021-2026)
5.3 Americas Silicon Photonic Device Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Silicon Photonic Device Sales by Region
6.1.1 APAC Silicon Photonic Device Sales by Region (2021-2026)
6.1.2 APAC Silicon Photonic Device Revenue by Region (2021-2026)
6.2 APAC Silicon Photonic Device Sales by Type (2021-2026)
6.3 APAC Silicon Photonic Device Sales by Application (2021-2026)
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 Device by Country
7.1.1 Europe Silicon Photonic Device Sales by Country (2021-2026)
7.1.2 Europe Silicon Photonic Device Revenue by Country (2021-2026)
7.2 Europe Silicon Photonic Device Sales by Type (2021-2026)
7.3 Europe Silicon Photonic Device Sales by Application (2021-2026)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

+357 96 030922
info@marketpublishers.com

8.1 Middle East & Africa Silicon Photonic Device by Country
8.1.1 Middle East & Africa Silicon Photonic Device Sales by Country (2021-2026)
8.1.2 Middle East & Africa Silicon Photonic Device Revenue by Country (2021-2026)
8.2 Middle East & Africa Silicon Photonic Device Sales by Type (2021-2026)
8.3 Middle East & Africa Silicon Photonic Device Sales by Application (2021-2026)
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 Device
10.3 Manufacturing Process Analysis of Silicon Photonic Device
10.4 Industry Chain Structure of Silicon Photonic Device

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
11.1.1 Direct Channels
11.1.2 Indirect Channels
11.2 Silicon Photonic Device Distributors
11.3 Silicon Photonic Device Customer

12 WORLD FORECAST REVIEW FOR SILICON PHOTONIC DEVICE BY GEOGRAPHIC REGION

12.1 Global Silicon Photonic Device Market Size Forecast by Region
12.1.1 Global Silicon Photonic Device Forecast by Region (2027-2032)
12.1.2 Global Silicon Photonic Device Annual Revenue Forecast by Region

+357 96 030922
info@marketpublishers.com

(2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global Silicon Photonic Device Forecast by Type (2027-2032)
12.7 Global Silicon Photonic Device Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Cisco Systems
13.1.1 Cisco Systems Company Information
13.1.2 Cisco Systems Silicon Photonic Device Product Portfolios and Specifications
13.1.3 Cisco Systems Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.1.4 Cisco Systems Main Business Overview
13.1.5 Cisco Systems Latest Developments
13.2 Intel
13.2.1 Intel Company Information
13.2.2 Intel Silicon Photonic Device Product Portfolios and Specifications
13.2.3 Intel Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.2.4 Intel Main Business Overview
13.2.5 Intel Latest Developments
13.3 IBM
13.3.1 IBM Company Information
13.3.2 IBM Silicon Photonic Device Product Portfolios and Specifications
13.3.3 IBM Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.3.4 IBM Main Business Overview
13.3.5 IBM Latest Developments
13.4 STMicroelectronics
13.4.1 STMicroelectronics Company Information
13.4.2 STMicroelectronics Silicon Photonic Device Product Portfolios and Specifications
13.4.3 STMicroelectronics Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 STMicroelectronics Main Business Overview
13.4.5 STMicroelectronics Latest Developments

+357 96 030922
info@marketpublishers.com

13.5 Broadcom
13.5.1 Broadcom Company Information
13.5.2 Broadcom Silicon Photonic Device Product Portfolios and Specifications
13.5.3 Broadcom Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.5.4 Broadcom Main Business Overview
13.5.5 Broadcom Latest Developments
13.6 Acacia
13.6.1 Acacia Company Information
13.6.2 Acacia Silicon Photonic Device Product Portfolios and Specifications
13.6.3 Acacia Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.6.4 Acacia Main Business Overview
13.6.5 Acacia Latest Developments
13.7 Finisar
13.7.1 Finisar Company Information
13.7.2 Finisar Silicon Photonic Device Product Portfolios and Specifications
13.7.3 Finisar Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.7.4 Finisar Main Business Overview
13.7.5 Finisar Latest Developments
13.8 Infinera
13.8.1 Infinera Company Information
13.8.2 Infinera Silicon Photonic Device Product Portfolios and Specifications
13.8.3 Infinera Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.8.4 Infinera Main Business Overview
13.8.5 Infinera Latest Developments
13.9 Luxtera
13.9.1 Luxtera Company Information
13.9.2 Luxtera Silicon Photonic Device Product Portfolios and Specifications
13.9.3 Luxtera Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.9.4 Luxtera Main Business Overview
13.9.5 Luxtera Latest Developments
13.10 Hamamatsu
13.10.1 Hamamatsu Company Information
13.10.2 Hamamatsu Silicon Photonic Device Product Portfolios and Specifications
13.10.3 Hamamatsu Silicon Photonic Device Sales, Revenue, Price and Gross Margin

+357 96 030922
info@marketpublishers.com

(2021-2026)
13.10.4 Hamamatsu Main Business Overview
13.10.5 Hamamatsu Latest Developments
13.11 Juniper
13.11.1 Juniper Company Information
13.11.2 Juniper Silicon Photonic Device Product Portfolios and Specifications
13.11.3 Juniper Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.11.4 Juniper Main Business Overview
13.11.5 Juniper Latest Developments
13.12 Rockley Photonics
13.12.1 Rockley Photonics Company Information
13.12.2 Rockley Photonics Silicon Photonic Device Product Portfolios and Specifications
13.12.3 Rockley Photonics Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.12.4 Rockley Photonics Main Business Overview
13.12.5 Rockley Photonics Latest Developments
13.13 Reflex Photonics
13.13.1 Reflex Photonics Company Information
13.13.2 Reflex Photonics Silicon Photonic Device Product Portfolios and Specifications
13.13.3 Reflex Photonics Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.13.4 Reflex Photonics Main Business Overview
13.13.5 Reflex Photonics Latest Developments
13.14 Huawei
13.14.1 Huawei Company Information
13.14.2 Huawei Silicon Photonic Device Product Portfolios and Specifications
13.14.3 Huawei Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.14.4 Huawei Main Business Overview
13.14.5 Huawei Latest Developments
13.15 Wuhan Research Institute of Posts and Telecommunications
13.15.1 Wuhan Research Institute of Posts and Telecommunications Company Information
13.15.2 Wuhan Research Institute of Posts and Telecommunications Silicon Photonic Device Product Portfolios and Specifications
13.15.3 Wuhan Research Institute of Posts and Telecommunications Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)

+357 96 030922
info@marketpublishers.com

13.15.4 Wuhan Research Institute of Posts and Telecommunications Main Business Overview
13.15.5 Wuhan Research Institute of Posts and Telecommunications Latest Developments
13.16 Hisense Broadband Multimedia Technologies
13.16.1 Hisense Broadband Multimedia Technologies Company Information
13.16.2 Hisense Broadband Multimedia Technologies Silicon Photonic Device Product Portfolios and Specifications
13.16.3 Hisense Broadband Multimedia Technologies Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.16.4 Hisense Broadband Multimedia Technologies Main Business Overview
13.16.5 Hisense Broadband Multimedia Technologies Latest Developments
13.17 Shandong Yunhai Guochuang
13.17.1 Shandong Yunhai Guochuang Company Information
13.17.2 Shandong Yunhai Guochuang Silicon Photonic Device Product Portfolios and Specifications
13.17.3 Shandong Yunhai Guochuang Silicon Photonic Device Sales, Revenue, Price and Gross Margin (2021-2026)
13.17.4 Shandong Yunhai Guochuang Main Business Overview
13.17.5 Shandong Yunhai Guochuang Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Silicon Photonic Device Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Silicon Photonic Device Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of Active
Table 4. Major Players of Passive
Table 5. Global Silicon Photonic Device Sales by Type (2021-2026) & (K Units)
Table 6. Global Silicon Photonic Device Sales Market Share by Type (2021-2026)
Table 7. Global Silicon Photonic Device Revenue by Type (2021-2026) & ($ million)
Table 8. Global Silicon Photonic Device Revenue Market Share by Type (2021-2026)
Table 9. Global Silicon Photonic Device Sale Price by Type (2021-2026) & (US$/Unit)
Table 10. Global Silicon Photonic Device Sale by Application (2021-2026) & (K Units)
Table 11. Global Silicon Photonic Device Sale Market Share by Application (2021-2026)
Table 12. Global Silicon Photonic Device Revenue by Application (2021-2026) & ($ million)
Table 13. Global Silicon Photonic Device Revenue Market Share by Application (2021-2026)
Table 14. Global Silicon Photonic Device Sale Price by Application (2021-2026) & (US$/Unit)
Table 15. Global Silicon Photonic Device Sales by Company (2021-2026) & (K Units)
Table 16. Global Silicon Photonic Device Sales Market Share by Company (2021-2026)
Table 17. Global Silicon Photonic Device Revenue by Company (2021-2026) & ($ millions)
Table 18. Global Silicon Photonic Device Revenue Market Share by Company (2021-2026)
Table 19. Global Silicon Photonic Device Sale Price by Company (2021-2026) & (US$/Unit)
Table 20. Key Manufacturers Silicon Photonic Device Producing Area Distribution and Sales Area
Table 21. Players Silicon Photonic Device Products Offered
Table 22. Silicon Photonic Device Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 23. New Products and Potential Entrants
Table 24. Market M&A Activity & Strategy
Table 25. Global Silicon Photonic Device Sales by Geographic Region (2021-2026) &

+357 96 030922
info@marketpublishers.com

(K Units)
Table 26. Global Silicon Photonic Device Sales Market Share Geographic Region (2021-2026)
Table 27. Global Silicon Photonic Device Revenue by Geographic Region (2021-2026) & ($ millions)
Table 28. Global Silicon Photonic Device Revenue Market Share by Geographic Region (2021-2026)
Table 29. Global Silicon Photonic Device Sales by Country/Region (2021-2026) & (K Units)
Table 30. Global Silicon Photonic Device Sales Market Share by Country/Region (2021-2026)
Table 31. Global Silicon Photonic Device Revenue by Country/Region (2021-2026) & ($ millions)
Table 32. Global Silicon Photonic Device Revenue Market Share by Country/Region (2021-2026)
Table 33. Americas Silicon Photonic Device Sales by Country (2021-2026) & (K Units)
Table 34. Americas Silicon Photonic Device Sales Market Share by Country (2021-2026)
Table 35. Americas Silicon Photonic Device Revenue by Country (2021-2026) & ($ millions)
Table 36. Americas Silicon Photonic Device Sales by Type (2021-2026) & (K Units)
Table 37. Americas Silicon Photonic Device Sales by Application (2021-2026) & (K Units)
Table 38. APAC Silicon Photonic Device Sales by Region (2021-2026) & (K Units)
Table 39. APAC Silicon Photonic Device Sales Market Share by Region (2021-2026)
Table 40. APAC Silicon Photonic Device Revenue by Region (2021-2026) & ($ millions)
Table 41. APAC Silicon Photonic Device Sales by Type (2021-2026) & (K Units)
Table 42. APAC Silicon Photonic Device Sales by Application (2021-2026) & (K Units)
Table 43. Europe Silicon Photonic Device Sales by Country (2021-2026) & (K Units)
Table 44. Europe Silicon Photonic Device Revenue by Country (2021-2026) & ($ millions)
Table 45. Europe Silicon Photonic Device Sales by Type (2021-2026) & (K Units)
Table 46. Europe Silicon Photonic Device Sales by Application (2021-2026) & (K Units)
Table 47. Middle East & Africa Silicon Photonic Device Sales by Country (2021-2026) & (K Units)
Table 48. Middle East & Africa Silicon Photonic Device Revenue Market Share by Country (2021-2026)
Table 49. Middle East & Africa Silicon Photonic Device Sales by Type (2021-2026) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 50. Middle East & Africa Silicon Photonic Device Sales by Application (2021-2026) & (K Units)
Table 51. Key Market Drivers & Growth Opportunities of Silicon Photonic Device
Table 52. Key Market Challenges & Risks of Silicon Photonic Device
Table 53. Key Industry Trends of Silicon Photonic Device
Table 54. Silicon Photonic Device Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. Silicon Photonic Device Distributors List
Table 57. Silicon Photonic Device Customer List
Table 58. Global Silicon Photonic Device Sales Forecast by Region (2027-2032) & (K Units)
Table 59. Global Silicon Photonic Device Revenue Forecast by Region (2027-2032) & ($ millions)
Table 60. Americas Silicon Photonic Device Sales Forecast by Country (2027-2032) & (K Units)
Table 61. Americas Silicon Photonic Device Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 62. APAC Silicon Photonic Device Sales Forecast by Region (2027-2032) & (K Units)
Table 63. APAC Silicon Photonic Device Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 64. Europe Silicon Photonic Device Sales Forecast by Country (2027-2032) & (K Units)
Table 65. Europe Silicon Photonic Device Revenue Forecast by Country (2027-2032) & ($ millions)
Table 66. Middle East & Africa Silicon Photonic Device Sales Forecast by Country (2027-2032) & (K Units)
Table 67. Middle East & Africa Silicon Photonic Device Revenue Forecast by Country (2027-2032) & ($ millions)
Table 68. Global Silicon Photonic Device Sales Forecast by Type (2027-2032) & (K Units)
Table 69. Global Silicon Photonic Device Revenue Forecast by Type (2027-2032) & ($ millions)
Table 70. Global Silicon Photonic Device Sales Forecast by Application (2027-2032) & (K Units)
Table 71. Global Silicon Photonic Device Revenue Forecast by Application (2027-2032) & ($ millions)
Table 72. Cisco Systems Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors

+357 96 030922
info@marketpublishers.com

Table 73. Cisco Systems Silicon Photonic Device Product Portfolios and Specifications
Table 74. Cisco Systems Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 75. Cisco Systems Main Business
Table 76. Cisco Systems Latest Developments
Table 77. Intel Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 78. Intel Silicon Photonic Device Product Portfolios and Specifications
Table 79. Intel Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 80. Intel Main Business
Table 81. Intel Latest Developments
Table 82. IBM Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 83. IBM Silicon Photonic Device Product Portfolios and Specifications
Table 84. IBM Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 85. IBM Main Business
Table 86. IBM Latest Developments
Table 87. STMicroelectronics Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 88. STMicroelectronics Silicon Photonic Device Product Portfolios and Specifications
Table 89. STMicroelectronics Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 90. STMicroelectronics Main Business
Table 91. STMicroelectronics Latest Developments
Table 92. Broadcom Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 93. Broadcom Silicon Photonic Device Product Portfolios and Specifications
Table 94. Broadcom Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 95. Broadcom Main Business
Table 96. Broadcom Latest Developments
Table 97. Acacia Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 98. Acacia Silicon Photonic Device Product Portfolios and Specifications
Table 99. Acacia Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)

+357 96 030922
info@marketpublishers.com

Table 100. Acacia Main Business
Table 101. Acacia Latest Developments
Table 102. Finisar Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 103. Finisar Silicon Photonic Device Product Portfolios and Specifications
Table 104. Finisar Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 105. Finisar Main Business
Table 106. Finisar Latest Developments
Table 107. Infinera Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 108. Infinera Silicon Photonic Device Product Portfolios and Specifications
Table 109. Infinera Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 110. Infinera Main Business
Table 111. Infinera Latest Developments
Table 112. Luxtera Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 113. Luxtera Silicon Photonic Device Product Portfolios and Specifications
Table 114. Luxtera Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 115. Luxtera Main Business
Table 116. Luxtera Latest Developments
Table 117. Hamamatsu Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 118. Hamamatsu Silicon Photonic Device Product Portfolios and Specifications
Table 119. Hamamatsu Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 120. Hamamatsu Main Business
Table 121. Hamamatsu Latest Developments
Table 122. Juniper Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 123. Juniper Silicon Photonic Device Product Portfolios and Specifications
Table 124. Juniper Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 125. Juniper Main Business
Table 126. Juniper Latest Developments
Table 127. Rockley Photonics Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors

+357 96 030922
info@marketpublishers.com

Table 128. Rockley Photonics Silicon Photonic Device Product Portfolios and Specifications
Table 129. Rockley Photonics Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 130. Rockley Photonics Main Business
Table 131. Rockley Photonics Latest Developments
Table 132. Reflex Photonics Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 133. Reflex Photonics Silicon Photonic Device Product Portfolios and Specifications
Table 134. Reflex Photonics Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 135. Reflex Photonics Main Business
Table 136. Reflex Photonics Latest Developments
Table 137. Huawei Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 138. Huawei Silicon Photonic Device Product Portfolios and Specifications
Table 139. Huawei Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 140. Huawei Main Business
Table 141. Huawei Latest Developments
Table 142. Wuhan Research Institute of Posts and Telecommunications Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 143. Wuhan Research Institute of Posts and Telecommunications Silicon Photonic Device Product Portfolios and Specifications
Table 144. Wuhan Research Institute of Posts and Telecommunications Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 145. Wuhan Research Institute of Posts and Telecommunications Main Business
Table 146. Wuhan Research Institute of Posts and Telecommunications Latest Developments
Table 147. Hisense Broadband Multimedia Technologies Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 148. Hisense Broadband Multimedia Technologies Silicon Photonic Device Product Portfolios and Specifications
Table 149. Hisense Broadband Multimedia Technologies Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 150. Hisense Broadband Multimedia Technologies Main Business

+357 96 030922
info@marketpublishers.com

Table 151. Hisense Broadband Multimedia Technologies Latest Developments
Table 152. Shandong Yunhai Guochuang Basic Information, Silicon Photonic Device Manufacturing Base, Sales Area and Its Competitors
Table 153. Shandong Yunhai Guochuang Silicon Photonic Device Product Portfolios and Specifications
Table 154. Shandong Yunhai Guochuang Silicon Photonic Device Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 155. Shandong Yunhai Guochuang Main Business
Table 156. Shandong Yunhai Guochuang Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Silicon Photonic Device
Figure 2. Silicon Photonic Device Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Silicon Photonic Device Sales Growth Rate 2021-2032 (K Units)
Figure 7. Global Silicon Photonic Device Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Silicon Photonic Device Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Silicon Photonic Device Sales Market Share by Country/Region (2025)
Figure 10. Silicon Photonic Device Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of Active
Figure 12. Product Picture of Passive
Figure 13. Global Silicon Photonic Device Sales Market Share by Type in 2026
Figure 14. Global Silicon Photonic Device Revenue Market Share by Type (2021-2026)
Figure 15. Silicon Photonic Device Consumed in Telecommunications
Figure 16. Global Silicon Photonic Device Market: Telecommunications (2021-2026) & (K Units)
Figure 17. Silicon Photonic Device Consumed in Medical
Figure 18. Global Silicon Photonic Device Market: Medical (2021-2026) & (K Units)
Figure 19. Silicon Photonic Device Consumed in Defense
Figure 20. Global Silicon Photonic Device Market: Defense (2021-2026) & (K Units)
Figure 21. Silicon Photonic Device Consumed in Consumer Electronics
Figure 22. Global Silicon Photonic Device Market: Consumer Electronics (2021-2026) & (K Units)
Figure 23. Silicon Photonic Device Consumed in Others
Figure 24. Global Silicon Photonic Device Market: Others (2021-2026) & (K Units)
Figure 25. Global Silicon Photonic Device Sale Market Share by Application (2025)
Figure 26. Global Silicon Photonic Device Revenue Market Share by Application in 2026
Figure 27. Silicon Photonic Device Sales by Company in 2026 (K Units)
Figure 28. Global Silicon Photonic Device Sales Market Share by Company in 2026
Figure 29. Silicon Photonic Device Revenue by Company in 2026 ($ millions)
Figure 30. Global Silicon Photonic Device Revenue Market Share by Company in 2026

+357 96 030922
info@marketpublishers.com

Figure 31. Global Silicon Photonic Device Sales Market Share by Geographic Region (2021-2026)
Figure 32. Global Silicon Photonic Device Revenue Market Share by Geographic Region in 2026
Figure 33. Americas Silicon Photonic Device Sales 2021-2026 (K Units)
Figure 34. Americas Silicon Photonic Device Revenue 2021-2026 ($ millions)
Figure 35. APAC Silicon Photonic Device Sales 2021-2026 (K Units)
Figure 36. APAC Silicon Photonic Device Revenue 2021-2026 ($ millions)
Figure 37. Europe Silicon Photonic Device Sales 2021-2026 (K Units)
Figure 38. Europe Silicon Photonic Device Revenue 2021-2026 ($ millions)
Figure 39. Middle East & Africa Silicon Photonic Device Sales 2021-2026 (K Units)
Figure 40. Middle East & Africa Silicon Photonic Device Revenue 2021-2026 ($ millions)
Figure 41. Americas Silicon Photonic Device Sales Market Share by Country in 2026
Figure 42. Americas Silicon Photonic Device Revenue Market Share by Country (2021-2026)
Figure 43. Americas Silicon Photonic Device Sales Market Share by Type (2021-2026)
Figure 44. Americas Silicon Photonic Device Sales Market Share by Application (2021-2026)
Figure 45. United States Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 46. Canada Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 47. Mexico Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 48. Brazil Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 49. APAC Silicon Photonic Device Sales Market Share by Region in 2026
Figure 50. APAC Silicon Photonic Device Revenue Market Share by Region (2021-2026)
Figure 51. APAC Silicon Photonic Device Sales Market Share by Type (2021-2026)
Figure 52. APAC Silicon Photonic Device Sales Market Share by Application (2021-2026)
Figure 53. China Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 54. Japan Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 55. South Korea Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 56. Southeast Asia Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 57. India Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 58. Australia Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 59. China Taiwan Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 60. Europe Silicon Photonic Device Sales Market Share by Country in 2026
Figure 61. Europe Silicon Photonic Device Revenue Market Share by Country (2021-2026)
Figure 62. Europe Silicon Photonic Device Sales Market Share by Type (2021-2026)
Figure 63. Europe Silicon Photonic Device Sales Market Share by Application (2021-2026)
Figure 64. Germany Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 65. France Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 66. UK Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 67. Italy Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 68. Russia Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 69. Middle East & Africa Silicon Photonic Device Sales Market Share by Country (2021-2026)
Figure 70. Middle East & Africa Silicon Photonic Device Sales Market Share by Type (2021-2026)
Figure 71. Middle East & Africa Silicon Photonic Device Sales Market Share by Application (2021-2026)
Figure 72. Egypt Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 73. South Africa Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 74. Israel Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 75. Turkey Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 76. GCC Countries Silicon Photonic Device Revenue Growth 2021-2026 ($ millions)
Figure 77. Manufacturing Cost Structure Analysis of Silicon Photonic Device in 2026
Figure 78. Manufacturing Process Analysis of Silicon Photonic Device
Figure 79. Industry Chain Structure of Silicon Photonic Device
Figure 80. Channels of Distribution
Figure 81. Global Silicon Photonic Device Sales Market Forecast by Region (2027-2032)
Figure 82. Global Silicon Photonic Device Revenue Market Share Forecast by Region (2027-2032)
Figure 83. Global Silicon Photonic Device Sales Market Share Forecast by Type (2027-2032)
Figure 84. Global Silicon Photonic Device Revenue Market Share Forecast by Type (2027-2032)
Figure 85. Global Silicon Photonic Device Sales Market Share Forecast by Application (2027-2032)
Figure 86. Global Silicon Photonic Device Revenue Market Share Forecast by Application (2027-2032)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Silicon Photonic Device Market Growth 2026-2032
Product link: https://marketpublishers.com/r/GA1831619636EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GA1831619636EN.html