

Monolithic Type Photonic Integrated Circuit Market - Global Outlook and Forecast 2022-2028

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Abstracts

A Monolithic 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 contains market size and forecasts of Monolithic Type Photonic Integrated Circuit in global, including the following market information:

Global Monolithic Type Photonic Integrated Circuit Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Monolithic Type Photonic Integrated Circuit Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Monolithic Type Photonic Integrated Circuit companies in 2021 (%)

The global Monolithic Type Photonic Integrated Circuit market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Passive Photonic Integrated Circuit Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Monolithic Type Photonic Integrated Circuit include Infinera, Alcatel-Lucent, Avago, NeoPhotonics, HUAWEI, Cisco, Ciena, Intel and Oclaro, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Monolithic Type Photonic Integrated Circuit manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Monolithic Type Photonic Integrated Circuit Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Monolithic Type Photonic Integrated Circuit Market Segment Percentages, by Type, 2021 (%)

Passive Photonic Integrated Circuit

Active Photonic Integrated Circuit

Global Monolithic Type Photonic Integrated Circuit Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Monolithic Type Photonic Integrated Circuit Market Segment Percentages, by Application, 2021 (%)

Optical Communication

Biophotonics

Others

Global Monolithic Type Photonic Integrated Circuit Market, By Region and Country,

2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Monolithic Type Photonic Integrated Circuit Market Segment Percentages, By
Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Monolithic Type Photonic Integrated Circuit revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Monolithic Type Photonic Integrated Circuit revenues share in global market, 2021 (%)

Key companies Monolithic Type Photonic Integrated Circuit sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Monolithic Type Photonic Integrated Circuit sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Infinera

Alcatel-Lucent

Avago

NeoPhotonics

HUAWEI

Cisco

Ciena

Intel

Oclaro

JDS Uniphase

Finisar

Luxtera

Mellanox

OneChip

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Monolithic Type Photonic Integrated Circuit Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Monolithic Type Photonic Integrated Circuit Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL MONOLITHIC TYPE PHOTONIC INTEGRATED CIRCUIT OVERALL MARKET SIZE

- 2.1 Global Monolithic Type Photonic Integrated Circuit Market Size: 2021 VS 2028
- 2.2 Global Monolithic Type Photonic Integrated Circuit Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Monolithic Type Photonic Integrated Circuit Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Monolithic Type Photonic Integrated Circuit Players in Global Market
- 3.2 Top Global Monolithic Type Photonic Integrated Circuit Companies Ranked by Revenue
- 3.3 Global Monolithic Type Photonic Integrated Circuit Revenue by Companies
- 3.4 Global Monolithic Type Photonic Integrated Circuit Sales by Companies
- 3.5 Global Monolithic Type Photonic Integrated Circuit Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Monolithic Type Photonic Integrated Circuit Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Monolithic Type Photonic Integrated Circuit Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Monolithic Type Photonic Integrated Circuit Players in Global Market
 - 3.8.1 List of Global Tier 1 Monolithic Type Photonic Integrated Circuit Companies

3.8.2 List of Global Tier 2 and Tier 3 Monolithic Type Photonic Integrated Circuit Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Global Monolithic Type Photonic Integrated Circuit Market Size Markets, 2021 & 2028

4.1.2 Passive Photonic Integrated Circuit

4.1.3 Active Photonic Integrated Circuit

4.2 By Type - Global Monolithic Type Photonic Integrated Circuit Revenue & Forecasts

4.2.1 By Type - Global Monolithic Type Photonic Integrated Circuit Revenue, 2017-2022

4.2.2 By Type - Global Monolithic Type Photonic Integrated Circuit Revenue, 2023-2028

4.2.3 By Type - Global Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028

4.3 By Type - Global Monolithic Type Photonic Integrated Circuit Sales & Forecasts

4.3.1 By Type - Global Monolithic Type Photonic Integrated Circuit Sales, 2017-2022

4.3.2 By Type - Global Monolithic Type Photonic Integrated Circuit Sales, 2023-2028

4.3.3 By Type - Global Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028

4.4 By Type - Global Monolithic Type Photonic Integrated Circuit Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global Monolithic Type Photonic Integrated Circuit Market Size, 2021 & 2028

5.1.2 Optical Communication

5.1.3 Biophotonics

5.1.4 Others

5.2 By Application - Global Monolithic Type Photonic Integrated Circuit Revenue & Forecasts

5.2.1 By Application - Global Monolithic Type Photonic Integrated Circuit Revenue, 2017-2022

5.2.2 By Application - Global Monolithic Type Photonic Integrated Circuit Revenue, 2023-2028

5.2.3 By Application - Global Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028

5.3 By Application - Global Monolithic Type Photonic Integrated Circuit Sales & Forecasts

5.3.1 By Application - Global Monolithic Type Photonic Integrated Circuit Sales, 2017-2022

5.3.2 By Application - Global Monolithic Type Photonic Integrated Circuit Sales, 2023-2028

5.3.3 By Application - Global Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028

5.4 By Application - Global Monolithic Type Photonic Integrated Circuit Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Monolithic Type Photonic Integrated Circuit Market Size, 2021 & 2028

6.2 By Region - Global Monolithic Type Photonic Integrated Circuit Revenue & Forecasts

6.2.1 By Region - Global Monolithic Type Photonic Integrated Circuit Revenue, 2017-2022

6.2.2 By Region - Global Monolithic Type Photonic Integrated Circuit Revenue, 2023-2028

6.2.3 By Region - Global Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028

6.3 By Region - Global Monolithic Type Photonic Integrated Circuit Sales & Forecasts

6.3.1 By Region - Global Monolithic Type Photonic Integrated Circuit Sales, 2017-2022

6.3.2 By Region - Global Monolithic Type Photonic Integrated Circuit Sales, 2023-2028

6.3.3 By Region - Global Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Monolithic Type Photonic Integrated Circuit Revenue, 2017-2028

6.4.2 By Country - North America Monolithic Type Photonic Integrated Circuit Sales, 2017-2028

6.4.3 US Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.4.4 Canada Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.4.5 Mexico Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Monolithic Type Photonic Integrated Circuit Revenue, 2017-2028

6.5.2 By Country - Europe Monolithic Type Photonic Integrated Circuit Sales, 2017-2028

6.5.3 Germany Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.5.4 France Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.5.5 U.K. Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.5.6 Italy Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.5.7 Russia Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.5.8 Nordic Countries Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.5.9 Benelux Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Monolithic Type Photonic Integrated Circuit Revenue, 2017-2028

6.6.2 By Region - Asia Monolithic Type Photonic Integrated Circuit Sales, 2017-2028

6.6.3 China Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.6.4 Japan Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.6.5 South Korea Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.6.6 Southeast Asia Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.6.7 India Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Monolithic Type Photonic Integrated Circuit Revenue, 2017-2028

6.7.2 By Country - South America Monolithic Type Photonic Integrated Circuit Sales, 2017-2028

6.7.3 Brazil Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.7.4 Argentina Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Monolithic Type Photonic Integrated Circuit Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Monolithic Type Photonic Integrated Circuit Sales, 2017-2028

6.8.3 Turkey Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.8.4 Israel Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.8.5 Saudi Arabia Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

6.8.6 UAE Monolithic Type Photonic Integrated Circuit Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Infinera

7.1.1 Infinera Corporate Summary

7.1.2 Infinera Business Overview

7.1.3 Infinera Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.1.4 Infinera Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.1.5 Infinera Key News

7.2 Alcatel-Lucent

7.2.1 Alcatel-Lucent Corporate Summary

7.2.2 Alcatel-Lucent Business Overview

7.2.3 Alcatel-Lucent Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.2.4 Alcatel-Lucent Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.2.5 Alcatel-Lucent Key News

7.3 Avago

7.3.1 Avago Corporate Summary

7.3.2 Avago Business Overview

7.3.3 Avago Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.3.4 Avago Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.3.5 Avago Key News

7.4 NeoPhotonics

7.4.1 NeoPhotonics Corporate Summary

7.4.2 NeoPhotonics Business Overview

7.4.3 NeoPhotonics Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.4.4 NeoPhotonics Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.4.5 NeoPhotonics Key News

7.5 HUAWEI

7.5.1 HUAWEI Corporate Summary

7.5.2 HUAWEI Business Overview

7.5.3 HUAWEI Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.5.4 HUAWEI Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.5.5 HUAWEI Key News

7.6 Cisco

7.6.1 Cisco Corporate Summary

7.6.2 Cisco Business Overview

7.6.3 Cisco Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.6.4 Cisco Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.6.5 Cisco Key News

7.7 Ciena

7.7.1 Ciena Corporate Summary

7.7.2 Ciena Business Overview

7.7.3 Ciena Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.7.4 Ciena Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.7.5 Ciena Key News

7.8 Intel

7.8.1 Intel Corporate Summary

7.8.2 Intel Business Overview

7.8.3 Intel Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.8.4 Intel Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.8.5 Intel Key News

7.9 Oclaro

7.9.1 Oclaro Corporate Summary

7.9.2 Oclaro Business Overview

7.9.3 Oclaro Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.9.4 Oclaro Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.9.5 Oclaro Key News

7.10 JDS Uniphase

7.10.1 JDS Uniphase Corporate Summary

7.10.2 JDS Uniphase Business Overview

7.10.3 JDS Uniphase Monolithic Type Photonic Integrated Circuit Major Product Offerings

7.10.4 JDS Uniphase Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)

7.10.5 JDS Uniphase Key News

7.11 Finisar

7.11.1 Finisar Corporate Summary

- 7.11.2 Finisar Monolithic Type Photonic Integrated Circuit Business Overview
- 7.11.3 Finisar Monolithic Type Photonic Integrated Circuit Major Product Offerings
- 7.11.4 Finisar Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)
- 7.11.5 Finisar Key News
- 7.12 Luxtera
 - 7.12.1 Luxtera Corporate Summary
 - 7.12.2 Luxtera Monolithic Type Photonic Integrated Circuit Business Overview
 - 7.12.3 Luxtera Monolithic Type Photonic Integrated Circuit Major Product Offerings
 - 7.12.4 Luxtera Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)
 - 7.12.5 Luxtera Key News
- 7.13 Mellanox
 - 7.13.1 Mellanox Corporate Summary
 - 7.13.2 Mellanox Monolithic Type Photonic Integrated Circuit Business Overview
 - 7.13.3 Mellanox Monolithic Type Photonic Integrated Circuit Major Product Offerings
 - 7.13.4 Mellanox Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)
 - 7.13.5 Mellanox Key News
- 7.14 OneChip
 - 7.14.1 OneChip Corporate Summary
 - 7.14.2 OneChip Business Overview
 - 7.14.3 OneChip Monolithic Type Photonic Integrated Circuit Major Product Offerings
 - 7.14.4 OneChip Monolithic Type Photonic Integrated Circuit Sales and Revenue in Global (2017-2022)
 - 7.14.5 OneChip Key News

8 GLOBAL MONOLITHIC TYPE PHOTONIC INTEGRATED CIRCUIT PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global Monolithic Type Photonic Integrated Circuit Production Capacity, 2017-2028
- 8.2 Monolithic Type Photonic Integrated Circuit Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Monolithic Type Photonic Integrated Circuit Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 9.1 Market Opportunities & Trends
- 9.2 Market Drivers

9.3 Market Restraints

10 MONOLITHIC TYPE PHOTONIC INTEGRATED CIRCUIT SUPPLY CHAIN ANALYSIS

10.1 Monolithic Type Photonic Integrated Circuit Industry Value Chain

10.2 Monolithic Type Photonic Integrated Circuit Upstream Market

10.3 Monolithic Type Photonic Integrated Circuit Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Monolithic Type Photonic Integrated Circuit Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Monolithic Type Photonic Integrated Circuit in Global Market

Table 2. Top Monolithic Type Photonic Integrated Circuit Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Monolithic Type Photonic Integrated Circuit Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Monolithic Type Photonic Integrated Circuit Revenue Share by Companies, 2017-2022

Table 5. Global Monolithic Type Photonic Integrated Circuit Sales by Companies, (K Units), 2017-2022

Table 6. Global Monolithic Type Photonic Integrated Circuit Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Monolithic Type Photonic Integrated Circuit Price (2017-2022) & (US\$/Unit)

Table 8. Global Manufacturers Monolithic Type Photonic Integrated Circuit Product Type

Table 9. List of Global Tier 1 Monolithic Type Photonic Integrated Circuit Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Monolithic Type Photonic Integrated Circuit Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Monolithic Type Photonic Integrated Circuit Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Monolithic Type Photonic Integrated Circuit Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Monolithic Type Photonic Integrated Circuit Sales (K Units), 2017-2022

Table 15. By Type - Global Monolithic Type Photonic Integrated Circuit Sales (K Units), 2023-2028

Table 16. By Application – Global Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Monolithic Type Photonic Integrated Circuit Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Monolithic Type Photonic Integrated Circuit Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Monolithic Type Photonic Integrated Circuit Sales (K Units), 2017-2022

Table 20. By Application - Global Monolithic Type Photonic Integrated Circuit Sales (K Units), 2023-2028

Table 21. By Region – Global Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Monolithic Type Photonic Integrated Circuit Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Monolithic Type Photonic Integrated Circuit Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Monolithic Type Photonic Integrated Circuit Sales (K Units), 2017-2022

Table 25. By Region - Global Monolithic Type Photonic Integrated Circuit Sales (K Units), 2023-2028

Table 26. By Country - North America Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Monolithic Type Photonic Integrated Circuit Sales, (K Units), 2017-2022

Table 29. By Country - North America Monolithic Type Photonic Integrated Circuit Sales, (K Units), 2023-2028

Table 30. By Country - Europe Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Monolithic Type Photonic Integrated Circuit Sales, (K Units), 2017-2022

Table 33. By Country - Europe Monolithic Type Photonic Integrated Circuit Sales, (K Units), 2023-2028

Table 34. By Region - Asia Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Monolithic Type Photonic Integrated Circuit Sales, (K Units), 2017-2022

Table 37. By Region - Asia Monolithic Type Photonic Integrated Circuit Sales, (K Units), 2023-2028

Table 38. By Country - South America Monolithic Type Photonic Integrated Circuit

Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Monolithic Type Photonic Integrated Circuit

Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Monolithic Type Photonic Integrated Circuit

Sales, (K Units), 2017-2022

Table 41. By Country - South America Monolithic Type Photonic Integrated Circuit

Sales, (K Units), 2023-2028

Table 42. By Country - Middle East & Africa Monolithic Type Photonic Integrated Circuit

Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Monolithic Type Photonic Integrated Circuit

Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Monolithic Type Photonic Integrated Circuit

Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa Monolithic Type Photonic Integrated Circuit

Sales, (K Units), 2023-2028

Table 46. Infinera Corporate Summary

Table 47. Infinera Monolithic Type Photonic Integrated Circuit Product Offerings

Table 48. Infinera Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 49. Alcatel-Lucent Corporate Summary

Table 50. Alcatel-Lucent Monolithic Type Photonic Integrated Circuit Product Offerings

Table 51. Alcatel-Lucent Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 52. Avago Corporate Summary

Table 53. Avago Monolithic Type Photonic Integrated Circuit Product Offerings

Table 54. Avago Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 55. NeoPhotonics Corporate Summary

Table 56. NeoPhotonics Monolithic Type Photonic Integrated Circuit Product Offerings

Table 57. NeoPhotonics Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 58. HUAWEI Corporate Summary

Table 59. HUAWEI Monolithic Type Photonic Integrated Circuit Product Offerings

Table 60. HUAWEI Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. Cisco Corporate Summary

Table 62. Cisco Monolithic Type Photonic Integrated Circuit Product Offerings

Table 63. Cisco Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. Ciena Corporate Summary

Table 65. Ciena Monolithic Type Photonic Integrated Circuit Product Offerings

Table 66. Ciena Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 67. Intel Corporate Summary

Table 68. Intel Monolithic Type Photonic Integrated Circuit Product Offerings

Table 69. Intel Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 70. Oclaro Corporate Summary

Table 71. Oclaro Monolithic Type Photonic Integrated Circuit Product Offerings

Table 72. Oclaro Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 73. JDS Uniphase Corporate Summary

Table 74. JDS Uniphase Monolithic Type Photonic Integrated Circuit Product Offerings

Table 75. JDS Uniphase Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 76. Finisar Corporate Summary

Table 77. Finisar Monolithic Type Photonic Integrated Circuit Product Offerings

Table 78. Finisar Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 79. Luxtera Corporate Summary

Table 80. Luxtera Monolithic Type Photonic Integrated Circuit Product Offerings

Table 81. Luxtera Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 82. Mellanox Corporate Summary

Table 83. Mellanox Monolithic Type Photonic Integrated Circuit Product Offerings

Table 84. Mellanox Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 85. OneChip Corporate Summary

Table 86. OneChip Monolithic Type Photonic Integrated Circuit Product Offerings

Table 87. OneChip Monolithic Type Photonic Integrated Circuit Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 88. Monolithic Type Photonic Integrated Circuit Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)

Table 89. Global Monolithic Type Photonic Integrated Circuit Capacity Market Share of Key Manufacturers, 2020-2022

Table 90. Global Monolithic Type Photonic Integrated Circuit Production by Region, 2017-2022 (K Units)

Table 91. Global Monolithic Type Photonic Integrated Circuit Production by Region,

2023-2028 (K Units)

Table 92. Monolithic Type Photonic Integrated Circuit Market Opportunities & Trends in Global Market

Table 93. Monolithic Type Photonic Integrated Circuit Market Drivers in Global Market

Table 94. Monolithic Type Photonic Integrated Circuit Market Restraints in Global Market

Table 95. Monolithic Type Photonic Integrated Circuit Raw Materials

Table 96. Monolithic Type Photonic Integrated Circuit Raw Materials Suppliers in Global Market

Table 97. Typical Monolithic Type Photonic Integrated Circuit Downstream

Table 98. Monolithic Type Photonic Integrated Circuit Downstream Clients in Global Market

Table 99. Monolithic Type Photonic Integrated Circuit Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. Monolithic Type Photonic Integrated Circuit Segment by Type
- Figure 2. Monolithic Type Photonic Integrated Circuit Segment by Application
- Figure 3. Global Monolithic Type Photonic Integrated Circuit Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Monolithic Type Photonic Integrated Circuit Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Monolithic Type Photonic Integrated Circuit Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Monolithic Type Photonic Integrated Circuit Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Monolithic Type Photonic Integrated Circuit Revenue in 2021
- Figure 9. By Type - Global Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028
- Figure 10. By Type - Global Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Monolithic Type Photonic Integrated Circuit Price (US\$/Unit), 2017-2028
- Figure 12. By Application - Global Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028
- Figure 13. By Application - Global Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Monolithic Type Photonic Integrated Circuit Price (US\$/Unit), 2017-2028
- Figure 15. By Region - Global Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028
- Figure 16. By Region - Global Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028
- Figure 19. US Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

2017-2028

Figure 21. Mexico Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028

Figure 24. Germany Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 25. France Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028

Figure 33. China Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 37. India Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028

Figure 39. By Country - South America Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028

Figure 40. Brazil Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Monolithic Type Photonic Integrated Circuit Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Monolithic Type Photonic Integrated Circuit Sales Market Share, 2017-2028

Figure 44. Turkey Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Monolithic Type Photonic Integrated Circuit Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Monolithic Type Photonic Integrated Circuit Production Capacity (K Units), 2017-2028

Figure 49. The Percentage of Production Monolithic Type Photonic Integrated Circuit by Region, 2021 VS 2028

Figure 50. Monolithic Type Photonic Integrated Circuit Industry Value Chain

Figure 51. Marketing Channels

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