

Global Gallium Arsenide (GaAs) Single-Mode VCSEL Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G6742F5FF474EN.html>

Date: May 2023

Pages: 102

Price: US\$ 4,480.00 (Single User License)

ID: G6742F5FF474EN

Abstracts

The global Gallium Arsenide (GaAs) Single-Mode VCSEL market size is expected to reach \$ 1132.8 million by 2029, rising at a market growth of 11.6% CAGR during the forecast period (2023-2029).

A Gallium Arsenide (GaAs) Single-Mode VCSEL is a type of semiconductor laser that emits light in a single, well-defined mode. VCSEL stands for Vertical Cavity Surface Emitting Laser, which means that the laser emits light perpendicular to the surface of the chip, as opposed to edge-emitting lasers that emit light from the edge of the chip.

GaAs single-mode VCSELs are widely used in optical communications and sensing applications, such as fiber-optic communication networks, data centers, and medical imaging. They offer advantages over other types of lasers, including high efficiency, low threshold current, narrow linewidth, and high reliability. These characteristics make GaAs single-mode VCSELs ideal for applications requiring high-speed, low-power, and long-distance communication, as well as high-resolution sensing.

This report studies the global Gallium Arsenide (GaAs) Single-Mode VCSEL production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Gallium Arsenide (GaAs) Single-Mode VCSEL, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Gallium Arsenide (GaAs) Single-Mode VCSEL that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Gallium Arsenide (GaAs) Single-Mode VCSEL total production and demand, 2018-2029, (K Units)

Global Gallium Arsenide (GaAs) Single-Mode VCSEL total production value, 2018-2029, (USD Million)

Global Gallium Arsenide (GaAs) Single-Mode VCSEL production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Gallium Arsenide (GaAs) Single-Mode VCSEL consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL domestic production, consumption, key domestic manufacturers and share

Global Gallium Arsenide (GaAs) Single-Mode VCSEL production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Gallium Arsenide (GaAs) Single-Mode VCSEL production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Gallium Arsenide (GaAs) Single-Mode VCSEL production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Gallium Arsenide (GaAs) Single-Mode VCSEL market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Coherent(II-VI), Lumentum, ams-OSRAM, TRUMPF and Broadcom, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Gallium Arsenide (GaAs) Single-Mode VCSEL market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market, Segmentation by Type

High-power

Low-power

Global Gallium Arsenide (GaAs) Single-Mode VCSEL Market, Segmentation by Application

Consumer Electronics

Data Center

Commercial & Industrial

Automotive

Healthcare

Military

Companies Profiled:

Coherent(II-VI)

Lumentum

ams-OSRAM

TRUMPF

Broadcom

Key Questions Answered

1. How big is the global Gallium Arsenide (GaAs) Single-Mode VCSEL market?
2. What is the demand of the global Gallium Arsenide (GaAs) Single-Mode VCSEL market?
3. What is the year over year growth of the global Gallium Arsenide (GaAs) Single-Mode VCSEL market?
4. What is the production and production value of the global Gallium Arsenide (GaAs) Single-Mode VCSEL market?
5. Who are the key producers in the global Gallium Arsenide (GaAs) Single-Mode VCSEL market?

6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Gallium Arsenide (GaAs) Single-Mode VCSEL Introduction
- 1.2 World Gallium Arsenide (GaAs) Single-Mode VCSEL Supply & Forecast
 - 1.2.1 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029)
 - 1.2.3 World Gallium Arsenide (GaAs) Single-Mode VCSEL Pricing Trends (2018-2029)
- 1.3 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Region (Based on Production Site)
 - 1.3.1 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Region (2018-2029)
 - 1.3.2 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Region (2018-2029)
 - 1.3.3 World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Region (2018-2029)
 - 1.3.4 North America Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029)
 - 1.3.5 Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029)
 - 1.3.6 China Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029)
 - 1.3.7 Japan Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029)
 - 1.3.8 South Korea Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Gallium Arsenide (GaAs) Single-Mode VCSEL Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Gallium Arsenide (GaAs) Single-Mode VCSEL Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Gallium Arsenide (GaAs) Single-Mode VCSEL Demand (2018-2029)
- 2.2 World Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption by Region
 - 2.2.1 World Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption by Region (2018-2023)

2.2.2 World Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption Forecast by Region (2024-2029)

2.3 United States Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029)

2.4 China Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029)

2.5 Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029)

2.6 Japan Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029)

2.7 South Korea Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029)

2.8 ASEAN Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029)

2.9 India Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029)

3 WORLD GALLIUM ARSENIDE (GAAS) SINGLE-MODE VCSEL MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Manufacturer (2018-2023)

3.2 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Manufacturer (2018-2023)

3.3 World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Manufacturer (2018-2023)

3.4 Gallium Arsenide (GaAs) Single-Mode VCSEL Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Gallium Arsenide (GaAs) Single-Mode VCSEL Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Gallium Arsenide (GaAs) Single-Mode VCSEL in 2022

3.5.3 Global Concentration Ratios (CR8) for Gallium Arsenide (GaAs) Single-Mode VCSEL in 2022

3.6 Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Overall Company Footprint Analysis

3.6.1 Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Region Footprint

3.6.2 Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Company Product Type Footprint

3.6.3 Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

- 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Comparison

4.1.1 United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Production Comparison

4.2.1 United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption Comparison

4.3.1 United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value (2018-2023)

4.4.3 United States Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2023)

4.5 China Based Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturers and Market Share

4.5.1 China Based Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value (2018-2023)

4.5.3 China Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL

Production (2018-2023)

4.6 Rest of World Based Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Gallium Arsenide (GaAs) Single-Mode VCSEL Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 High-power

5.2.2 Low-power

5.3 Market Segment by Type

5.3.1 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Type (2018-2029)

5.3.2 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Type (2018-2029)

5.3.3 World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Gallium Arsenide (GaAs) Single-Mode VCSEL Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Consumer Electronics

6.2.2 Data Center

6.2.3 Commercial & Industrial

6.2.4 Automotive

6.2.5 Healthcare

6.2.6 Military

6.3 Market Segment by Application

6.3.1 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Application (2018-2029)

6.3.2 World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Application (2018-2029)

6.3.3 World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Coherent(II-VI)

7.1.1 Coherent(II-VI) Details

7.1.2 Coherent(II-VI) Major Business

7.1.3 Coherent(II-VI) Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services

7.1.4 Coherent(II-VI) Gallium Arsenide (GaAs) Single-Mode VCSEL Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Coherent(II-VI) Recent Developments/Updates

7.1.6 Coherent(II-VI) Competitive Strengths & Weaknesses

7.2 Lumentum

7.2.1 Lumentum Details

7.2.2 Lumentum Major Business

7.2.3 Lumentum Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services

7.2.4 Lumentum Gallium Arsenide (GaAs) Single-Mode VCSEL Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Lumentum Recent Developments/Updates

7.2.6 Lumentum Competitive Strengths & Weaknesses

7.3 ams-OSRAM

7.3.1 ams-OSRAM Details

7.3.2 ams-OSRAM Major Business

7.3.3 ams-OSRAM Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services

7.3.4 ams-OSRAM Gallium Arsenide (GaAs) Single-Mode VCSEL Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 ams-OSRAM Recent Developments/Updates

7.3.6 ams-OSRAM Competitive Strengths & Weaknesses

7.4 TRUMPF

7.4.1 TRUMPF Details

7.4.2 TRUMPF Major Business

7.4.3 TRUMPF Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services

7.4.4 TRUMPF Gallium Arsenide (GaAs) Single-Mode VCSEL Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 TRUMPF Recent Developments/Updates

7.4.6 TRUMPF Competitive Strengths & Weaknesses

7.5 Broadcom

7.5.1 Broadcom Details

7.5.2 Broadcom Major Business

7.5.3 Broadcom Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services

7.5.4 Broadcom Gallium Arsenide (GaAs) Single-Mode VCSEL Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Broadcom Recent Developments/Updates

7.5.6 Broadcom Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Gallium Arsenide (GaAs) Single-Mode VCSEL Industry Chain

8.2 Gallium Arsenide (GaAs) Single-Mode VCSEL Upstream Analysis

8.2.1 Gallium Arsenide (GaAs) Single-Mode VCSEL Core Raw Materials

8.2.2 Main Manufacturers of Gallium Arsenide (GaAs) Single-Mode VCSEL Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Gallium Arsenide (GaAs) Single-Mode VCSEL Production Mode

8.6 Gallium Arsenide (GaAs) Single-Mode VCSEL Procurement Model

8.7 Gallium Arsenide (GaAs) Single-Mode VCSEL Industry Sales Model and Sales Channels

8.7.1 Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Model

8.7.2 Gallium Arsenide (GaAs) Single-Mode VCSEL Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Region (2018-2023) & (USD Million)

Table 3. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Region (2024-2029) & (USD Million)

Table 4. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share by Region (2018-2023)

Table 5. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share by Region (2024-2029)

Table 6. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Region (2018-2023) & (K Units)

Table 7. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Region (2024-2029) & (K Units)

Table 8. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share by Region (2018-2023)

Table 9. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share by Region (2024-2029)

Table 10. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Gallium Arsenide (GaAs) Single-Mode VCSEL Major Market Trends

Table 13. World Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption by Region (2018-2023) & (K Units)

Table 15. World Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Gallium Arsenide (GaAs) Single-Mode VCSEL Producers in 2022

Table 18. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Gallium Arsenide (GaAs) Single-Mode VCSEL Producers in 2022

Table 20. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Gallium Arsenide (GaAs) Single-Mode VCSEL Company Evaluation Quadrant

Table 22. World Gallium Arsenide (GaAs) Single-Mode VCSEL Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Gallium Arsenide (GaAs) Single-Mode VCSEL Production Site of Key Manufacturer

Table 24. Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Company Product Type Footprint

Table 25. Gallium Arsenide (GaAs) Single-Mode VCSEL Market: Company Product Application Footprint

Table 26. Gallium Arsenide (GaAs) Single-Mode VCSEL Competitive Factors

Table 27. Gallium Arsenide (GaAs) Single-Mode VCSEL New Entrant and Capacity Expansion Plans

Table 28. Gallium Arsenide (GaAs) Single-Mode VCSEL Mergers & Acquisitions Activity

Table 29. United States VS China Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Gallium Arsenide (GaAs) Single-Mode VCSEL Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share (2018-2023)

Table 37. China Based Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share (2018-2023)

Table 42. Rest of World Based Gallium Arsenide (GaAs) Single-Mode VCSEL Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share (2018-2023)

Table 47. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Type (2018-2023) & (K Units)

Table 49. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Type (2024-2029) & (K Units)

Table 50. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Type (2018-2023) & (USD Million)

Table 51. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Type (2024-2029) & (USD Million)

Table 52. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Application (2018-2023) & (K Units)

Table 56. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production by Application (2024-2029) & (K Units)

Table 57. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Application (2018-2023) & (USD Million)

Table 58. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Application (2024-2029) & (USD Million)

Table 59. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Coherent(II-VI) Basic Information, Manufacturing Base and Competitors

Table 62. Coherent(II-VI) Major Business

Table 63. Coherent(II-VI) Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services

Table 64. Coherent(II-VI) Gallium Arsenide (GaAs) Single-Mode VCSEL Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Coherent(II-VI) Recent Developments/Updates

Table 66. Coherent(II-VI) Competitive Strengths & Weaknesses

Table 67. Lumentum Basic Information, Manufacturing Base and Competitors

Table 68. Lumentum Major Business

Table 69. Lumentum Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services

Table 70. Lumentum Gallium Arsenide (GaAs) Single-Mode VCSEL Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Lumentum Recent Developments/Updates

Table 72. Lumentum Competitive Strengths & Weaknesses

Table 73. ams-OSRAM Basic Information, Manufacturing Base and Competitors

Table 74. ams-OSRAM Major Business

Table 75. ams-OSRAM Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services

Table 76. ams-OSRAM Gallium Arsenide (GaAs) Single-Mode VCSEL Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. ams-OSRAM Recent Developments/Updates

Table 78. ams-OSRAM Competitive Strengths & Weaknesses

Table 79. TRUMPF Basic Information, Manufacturing Base and Competitors

Table 80. TRUMPF Major Business

Table 81. TRUMPF Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services

Table 82. TRUMPF Gallium Arsenide (GaAs) Single-Mode VCSEL Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. TRUMPF Recent Developments/Updates

- Table 84. Broadcom Basic Information, Manufacturing Base and Competitors
- Table 85. Broadcom Major Business
- Table 86. Broadcom Gallium Arsenide (GaAs) Single-Mode VCSEL Product and Services
- Table 87. Broadcom Gallium Arsenide (GaAs) Single-Mode VCSEL Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 88. Global Key Players of Gallium Arsenide (GaAs) Single-Mode VCSEL Upstream (Raw Materials)
- Table 89. Gallium Arsenide (GaAs) Single-Mode VCSEL Typical Customers
- Table 90. Gallium Arsenide (GaAs) Single-Mode VCSEL Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Gallium Arsenide (GaAs) Single-Mode VCSEL Picture
- Figure 2. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029) & (K Units)
- Figure 5. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share by Region (2018-2029)
- Figure 7. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share by Region (2018-2029)
- Figure 8. North America Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029) & (K Units)
- Figure 9. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029) & (K Units)
- Figure 10. China Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029) & (K Units)
- Figure 11. Japan Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029) & (K Units)
- Figure 12. South Korea Gallium Arsenide (GaAs) Single-Mode VCSEL Production (2018-2029) & (K Units)
- Figure 13. Gallium Arsenide (GaAs) Single-Mode VCSEL Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029) & (K Units)
- Figure 16. World Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption Market Share by Region (2018-2029)
- Figure 17. United States Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029) & (K Units)
- Figure 18. China Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029) & (K Units)
- Figure 19. Europe Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029) & (K Units)

Figure 20. Japan Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029) & (K Units)

Figure 21. South Korea Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029) & (K Units)

Figure 23. India Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Gallium Arsenide (GaAs) Single-Mode VCSEL by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Gallium Arsenide (GaAs) Single-Mode VCSEL Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Gallium Arsenide (GaAs) Single-Mode VCSEL Markets in 2022

Figure 27. United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Gallium Arsenide (GaAs) Single-Mode VCSEL Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share 2022

Figure 31. China Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share 2022

Figure 33. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share by Type in 2022

Figure 35. High-power

Figure 36. Low-power

Figure 37. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share by Type (2018-2029)

Figure 38. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share by Type (2018-2029)

Figure 39. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value by

Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share by Application in 2022

Figure 42. Consumer Electronics

Figure 43. Data Center

Figure 44. Commercial & Industrial

Figure 45. Automotive

Figure 46. Healthcare

Figure 47. Military

Figure 48. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Market Share by Application (2018-2029)

Figure 49. World Gallium Arsenide (GaAs) Single-Mode VCSEL Production Value Market Share by Application (2018-2029)

Figure 50. World Gallium Arsenide (GaAs) Single-Mode VCSEL Average Price by Application (2018-2029) & (US\$/Unit)

Figure 51. Gallium Arsenide (GaAs) Single-Mode VCSEL Industry Chain

Figure 52. Gallium Arsenide (GaAs) Single-Mode VCSEL Procurement Model

Figure 53. Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Model

Figure 54. Gallium Arsenide (GaAs) Single-Mode VCSEL Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

I would like to order

Product name: Global Gallium Arsenide (GaAs) Single-Mode VCSEL Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G6742F5FF474EN.html>

Price: US\$ 4,480.00 (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/G6742F5FF474EN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

