

# Global GaAs Semiconductor Material Market Research Report 2024, Forecast to 2032

<https://marketpublishers.com/r/G033030C79C0EN.html>

Date: October 2024

Pages: 153

Price: US\$ 3,400.00 (Single User License)

ID: G033030C79C0EN

## Abstracts

### Report Overview

Intrinsic semiconductor, also known as intrinsic semiconductor, impurity-free semiconductor, pure semiconductor, and I-type semiconductor, refers to a pure crystalline semiconductor with no external doping (no impurities) and a complete lattice. carriers) and holes (holes, positively charged carriers) are at equal and equilibrium concentrations. 'Intrinsic' here means that it can show the characteristics of the semiconductor substance itself.

The global GaAs Semiconductor Material market size was estimated at USD 1650 million in 2023 and is projected to reach USD 4255.11 million by 2032, exhibiting a CAGR of 11.10% during the forecast period.

North America GaAs Semiconductor Material market size was estimated at USD 515.65 million in 2023, at a CAGR of 9.51% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global GaAs Semiconductor Material market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global GaAs Semiconductor Material Market, this report introduces in detail the market

share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the GaAs Semiconductor Material market in any manner.

## Global GaAs Semiconductor Material Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

CMK

DOWA Electronics Materials

Anadigics (GaAs Labs)

Avago Technologies

AXT

BWT

Advanced Wireless Semiconductor

China Crystal Technologies

Cree

Freiberger Compound Materials

(Alta Devices)Hanergy Holdings

Hittite Microwave

IQE

MACOM

Qorvo

Sumitomo Electric

ALB Materials Inc

Vital Materials

Market Segmentation (by Type)

Single Crystal

Polycrystalline

Market Segmentation (by Application)

Integrated Circuits

MEMS Microelectromechanical Systems

Photoelectric Device

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-

Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

#### Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the GaAs Semiconductor Material Market

Overview of the regional outlook of the GaAs Semiconductor Material Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the GaAs Semiconductor Material Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of GaAs Semiconductor Material, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

Chapter 13 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

1.1 Market Definition and Statistical Scope of GaAs Semiconductor Material

1.2 Key Market Segments

1.2.1 GaAs Semiconductor Material Segment by Type

1.2.2 GaAs Semiconductor Material Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

### **2 GAAS SEMICONDUCTOR MATERIAL MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global GaAs Semiconductor Material Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global GaAs Semiconductor Material Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 GAAS SEMICONDUCTOR MATERIAL MARKET COMPETITIVE LANDSCAPE**

3.1 Global GaAs Semiconductor Material Sales by Manufacturers (2019-2024)

3.2 Global GaAs Semiconductor Material Revenue Market Share by Manufacturers (2019-2024)

3.3 GaAs Semiconductor Material Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global GaAs Semiconductor Material Average Price by Manufacturers (2019-2024)

3.5 Manufacturers GaAs Semiconductor Material Sales Sites, Area Served, Product Type

3.6 GaAs Semiconductor Material Market Competitive Situation and Trends

3.6.1 GaAs Semiconductor Material Market Concentration Rate

3.6.2 Global 5 and 10 Largest GaAs Semiconductor Material Players Market Share by Revenue

### 3.6.3 Mergers & Acquisitions, Expansion

## **4 GAAS SEMICONDUCTOR MATERIAL INDUSTRY CHAIN ANALYSIS**

### 4.1 GaAs Semiconductor Material Industry Chain Analysis

### 4.2 Market Overview of Key Raw Materials

### 4.3 Midstream Market Analysis

### 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF GAAS SEMICONDUCTOR MATERIAL MARKET**

### 5.1 Key Development Trends

### 5.2 Driving Factors

### 5.3 Market Challenges

### 5.4 Market Restraints

### 5.5 Industry News

#### 5.5.1 New Product Developments

#### 5.5.2 Mergers & Acquisitions

#### 5.5.3 Expansions

#### 5.5.4 Collaboration/Supply Contracts

### 5.6 Industry Policies

## **6 GAAS SEMICONDUCTOR MATERIAL MARKET SEGMENTATION BY TYPE**

### 6.1 Evaluation Matrix of Segment Market Development Potential (Type)

### 6.2 Global GaAs Semiconductor Material Sales Market Share by Type (2019-2024)

### 6.3 Global GaAs Semiconductor Material Market Size Market Share by Type (2019-2024)

### 6.4 Global GaAs Semiconductor Material Price by Type (2019-2024)

## **7 GAAS SEMICONDUCTOR MATERIAL MARKET SEGMENTATION BY APPLICATION**

### 7.1 Evaluation Matrix of Segment Market Development Potential (Application)

### 7.2 Global GaAs Semiconductor Material Market Sales by Application (2019-2024)

### 7.3 Global GaAs Semiconductor Material Market Size (M USD) by Application (2019-2024)

### 7.4 Global GaAs Semiconductor Material Sales Growth Rate by Application

(2019-2024)

## **8 GAAS SEMICONDUCTOR MATERIAL MARKET CONSUMPTION BY REGION**

### 8.1 Global GaAs Semiconductor Material Sales by Region

#### 8.1.1 Global GaAs Semiconductor Material Sales by Region

#### 8.1.2 Global GaAs Semiconductor Material Sales Market Share by Region

### 8.2 North America

#### 8.2.1 North America GaAs Semiconductor Material Sales by Country

#### 8.2.2 U.S.

#### 8.2.3 Canada

#### 8.2.4 Mexico

### 8.3 Europe

#### 8.3.1 Europe GaAs Semiconductor Material Sales by Country

#### 8.3.2 Germany

#### 8.3.3 France

#### 8.3.4 U.K.

#### 8.3.5 Italy

#### 8.3.6 Russia

### 8.4 Asia Pacific

#### 8.4.1 Asia Pacific GaAs Semiconductor Material Sales by Region

#### 8.4.2 China

#### 8.4.3 Japan

#### 8.4.4 South Korea

#### 8.4.5 India

#### 8.4.6 Southeast Asia

### 8.5 South America

#### 8.5.1 South America GaAs Semiconductor Material Sales by Country

#### 8.5.2 Brazil

#### 8.5.3 Argentina

#### 8.5.4 Columbia

### 8.6 Middle East and Africa

#### 8.6.1 Middle East and Africa GaAs Semiconductor Material Sales by Region

#### 8.6.2 Saudi Arabia

#### 8.6.3 UAE

#### 8.6.4 Egypt

#### 8.6.5 Nigeria

#### 8.6.6 South Africa

## **9 GAAS SEMICONDUCTOR MATERIAL MARKET PRODUCTION BY REGION**

9.1 Global Production of GaAs Semiconductor Material by Region (2019-2024)

9.2 Global GaAs Semiconductor Material Revenue Market Share by Region (2019-2024)

9.3 Global GaAs Semiconductor Material Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America GaAs Semiconductor Material Production

9.4.1 North America GaAs Semiconductor Material Production Growth Rate (2019-2024)

9.4.2 North America GaAs Semiconductor Material Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe GaAs Semiconductor Material Production

9.5.1 Europe GaAs Semiconductor Material Production Growth Rate (2019-2024)

9.5.2 Europe GaAs Semiconductor Material Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan GaAs Semiconductor Material Production (2019-2024)

9.6.1 Japan GaAs Semiconductor Material Production Growth Rate (2019-2024)

9.6.2 Japan GaAs Semiconductor Material Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China GaAs Semiconductor Material Production (2019-2024)

9.7.1 China GaAs Semiconductor Material Production Growth Rate (2019-2024)

9.7.2 China GaAs Semiconductor Material Production, Revenue, Price and Gross Margin (2019-2024)

## **10 KEY COMPANIES PROFILE**

10.1 CMK

10.1.1 CMK GaAs Semiconductor Material Basic Information

10.1.2 CMK GaAs Semiconductor Material Product Overview

10.1.3 CMK GaAs Semiconductor Material Product Market Performance

10.1.4 CMK Business Overview

10.1.5 CMK GaAs Semiconductor Material SWOT Analysis

10.1.6 CMK Recent Developments

10.2 DOWA Electronics Materials

10.2.1 DOWA Electronics Materials GaAs Semiconductor Material Basic Information

10.2.2 DOWA Electronics Materials GaAs Semiconductor Material Product Overview

10.2.3 DOWA Electronics Materials GaAs Semiconductor Material Product Market Performance

- 10.2.4 DOWA Electronics Materials Business Overview
- 10.2.5 DOWA Electronics Materials GaAs Semiconductor Material SWOT Analysis
- 10.2.6 DOWA Electronics Materials Recent Developments
- 10.3 Anadigics (GaAs Labs)
  - 10.3.1 Anadigics (GaAs Labs) GaAs Semiconductor Material Basic Information
  - 10.3.2 Anadigics (GaAs Labs) GaAs Semiconductor Material Product Overview
  - 10.3.3 Anadigics (GaAs Labs) GaAs Semiconductor Material Product Market Performance
  - 10.3.4 Anadigics (GaAs Labs) GaAs Semiconductor Material SWOT Analysis
  - 10.3.5 Anadigics (GaAs Labs) Business Overview
  - 10.3.6 Anadigics (GaAs Labs) Recent Developments
- 10.4 Avago Technologies
  - 10.4.1 Avago Technologies GaAs Semiconductor Material Basic Information
  - 10.4.2 Avago Technologies GaAs Semiconductor Material Product Overview
  - 10.4.3 Avago Technologies GaAs Semiconductor Material Product Market Performance
  - 10.4.4 Avago Technologies Business Overview
  - 10.4.5 Avago Technologies Recent Developments
- 10.5 AXT
  - 10.5.1 AXT GaAs Semiconductor Material Basic Information
  - 10.5.2 AXT GaAs Semiconductor Material Product Overview
  - 10.5.3 AXT GaAs Semiconductor Material Product Market Performance
  - 10.5.4 AXT Business Overview
  - 10.5.5 AXT Recent Developments
- 10.6 BWT
  - 10.6.1 BWT GaAs Semiconductor Material Basic Information
  - 10.6.2 BWT GaAs Semiconductor Material Product Overview
  - 10.6.3 BWT GaAs Semiconductor Material Product Market Performance
  - 10.6.4 BWT Business Overview
  - 10.6.5 BWT Recent Developments
- 10.7 Advanced Wireless Semiconductor
  - 10.7.1 Advanced Wireless Semiconductor GaAs Semiconductor Material Basic Information
  - 10.7.2 Advanced Wireless Semiconductor GaAs Semiconductor Material Product Overview
  - 10.7.3 Advanced Wireless Semiconductor GaAs Semiconductor Material Product Market Performance
  - 10.7.4 Advanced Wireless Semiconductor Business Overview
  - 10.7.5 Advanced Wireless Semiconductor Recent Developments

## 10.8 China Crystal Technologies

10.8.1 China Crystal Technologies GaAs Semiconductor Material Basic Information

10.8.2 China Crystal Technologies GaAs Semiconductor Material Product Overview

10.8.3 China Crystal Technologies GaAs Semiconductor Material Product Market

Performance

10.8.4 China Crystal Technologies Business Overview

10.8.5 China Crystal Technologies Recent Developments

## 10.9 Cree

10.9.1 Cree GaAs Semiconductor Material Basic Information

10.9.2 Cree GaAs Semiconductor Material Product Overview

10.9.3 Cree GaAs Semiconductor Material Product Market Performance

10.9.4 Cree Business Overview

10.9.5 Cree Recent Developments

## 10.10 Freiberger Compound Materials

10.10.1 Freiberger Compound Materials GaAs Semiconductor Material Basic Information

10.10.2 Freiberger Compound Materials GaAs Semiconductor Material Product Overview

10.10.3 Freiberger Compound Materials GaAs Semiconductor Material Product Market Performance

10.10.4 Freiberger Compound Materials Business Overview

10.10.5 Freiberger Compound Materials Recent Developments

## 10.11 (Alta Devices)Hanergy Holdings

10.11.1 (Alta Devices)Hanergy Holdings GaAs Semiconductor Material Basic Information

10.11.2 (Alta Devices)Hanergy Holdings GaAs Semiconductor Material Product Overview

10.11.3 (Alta Devices)Hanergy Holdings GaAs Semiconductor Material Product Market Performance

10.11.4 (Alta Devices)Hanergy Holdings Business Overview

10.11.5 (Alta Devices)Hanergy Holdings Recent Developments

## 10.12 Hittite Microwave

10.12.1 Hittite Microwave GaAs Semiconductor Material Basic Information

10.12.2 Hittite Microwave GaAs Semiconductor Material Product Overview

10.12.3 Hittite Microwave GaAs Semiconductor Material Product Market Performance

10.12.4 Hittite Microwave Business Overview

10.12.5 Hittite Microwave Recent Developments

## 10.13 IQE

10.13.1 IQE GaAs Semiconductor Material Basic Information

- 10.13.2 IQE GaAs Semiconductor Material Product Overview
- 10.13.3 IQE GaAs Semiconductor Material Product Market Performance
- 10.13.4 IQE Business Overview
- 10.13.5 IQE Recent Developments
- 10.14 MACOM
  - 10.14.1 MACOM GaAs Semiconductor Material Basic Information
  - 10.14.2 MACOM GaAs Semiconductor Material Product Overview
  - 10.14.3 MACOM GaAs Semiconductor Material Product Market Performance
  - 10.14.4 MACOM Business Overview
  - 10.14.5 MACOM Recent Developments
- 10.15 Qorvo
  - 10.15.1 Qorvo GaAs Semiconductor Material Basic Information
  - 10.15.2 Qorvo GaAs Semiconductor Material Product Overview
  - 10.15.3 Qorvo GaAs Semiconductor Material Product Market Performance
  - 10.15.4 Qorvo Business Overview
  - 10.15.5 Qorvo Recent Developments
- 10.16 Sumitomo Electric
  - 10.16.1 Sumitomo Electric GaAs Semiconductor Material Basic Information
  - 10.16.2 Sumitomo Electric GaAs Semiconductor Material Product Overview
  - 10.16.3 Sumitomo Electric GaAs Semiconductor Material Product Market Performance
  - 10.16.4 Sumitomo Electric Business Overview
  - 10.16.5 Sumitomo Electric Recent Developments
- 10.17 ALB Materials Inc
  - 10.17.1 ALB Materials Inc GaAs Semiconductor Material Basic Information
  - 10.17.2 ALB Materials Inc GaAs Semiconductor Material Product Overview
  - 10.17.3 ALB Materials Inc GaAs Semiconductor Material Product Market Performance
  - 10.17.4 ALB Materials Inc Business Overview
  - 10.17.5 ALB Materials Inc Recent Developments
- 10.18 Vital Materials
  - 10.18.1 Vital Materials GaAs Semiconductor Material Basic Information
  - 10.18.2 Vital Materials GaAs Semiconductor Material Product Overview
  - 10.18.3 Vital Materials GaAs Semiconductor Material Product Market Performance
  - 10.18.4 Vital Materials Business Overview
  - 10.18.5 Vital Materials Recent Developments

## **11 GAAS SEMICONDUCTOR MATERIAL MARKET FORECAST BY REGION**

- 11.1 Global GaAs Semiconductor Material Market Size Forecast
- 11.2 Global GaAs Semiconductor Material Market Forecast by Region

- 11.2.1 North America Market Size Forecast by Country
- 11.2.2 Europe GaAs Semiconductor Material Market Size Forecast by Country
- 11.2.3 Asia Pacific GaAs Semiconductor Material Market Size Forecast by Region
- 11.2.4 South America GaAs Semiconductor Material Market Size Forecast by Country
- 11.2.5 Middle East and Africa Forecasted Consumption of GaAs Semiconductor Material by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)**

- 12.1 Global GaAs Semiconductor Material Market Forecast by Type (2025-2032)
  - 12.1.1 Global Forecasted Sales of GaAs Semiconductor Material by Type (2025-2032)
  - 12.1.2 Global GaAs Semiconductor Material Market Size Forecast by Type (2025-2032)
  - 12.1.3 Global Forecasted Price of GaAs Semiconductor Material by Type (2025-2032)
- 12.2 Global GaAs Semiconductor Material Market Forecast by Application (2025-2032)
  - 12.2.1 Global GaAs Semiconductor Material Sales (K Units) Forecast by Application
  - 12.2.2 Global GaAs Semiconductor Material Market Size (M USD) Forecast by Application (2025-2032)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. GaAs Semiconductor Material Market Size Comparison by Region (M USD)

Table 5. Global GaAs Semiconductor Material Sales (K Units) by Manufacturers  
(2019-2024)

Table 6. Global GaAs Semiconductor Material Sales Market Share by Manufacturers  
(2019-2024)

Table 7. Global GaAs Semiconductor Material Revenue (M USD) by Manufacturers  
(2019-2024)

Table 8. Global GaAs Semiconductor Material Revenue Share by Manufacturers  
(2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in GaAs Semiconductor Material as of 2022)

Table 10. Global Market GaAs Semiconductor Material Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers GaAs Semiconductor Material Sales Sites and Area Served

Table 12. Manufacturers GaAs Semiconductor Material Product Type

Table 13. Global GaAs Semiconductor Material Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of GaAs Semiconductor Material

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. GaAs Semiconductor Material Market Challenges

Table 22. Global GaAs Semiconductor Material Sales by Type (K Units)

Table 23. Global GaAs Semiconductor Material Market Size by Type (M USD)

Table 24. Global GaAs Semiconductor Material Sales (K Units) by Type (2019-2024)

Table 25. Global GaAs Semiconductor Material Sales Market Share by Type  
(2019-2024)

Table 26. Global GaAs Semiconductor Material Market Size (M USD) by Type  
(2019-2024)

Table 27. Global GaAs Semiconductor Material Market Size Share by Type (2019-2024)

Table 28. Global GaAs Semiconductor Material Price (USD/Unit) by Type (2019-2024)

Table 29. Global GaAs Semiconductor Material Sales (K Units) by Application

Table 30. Global GaAs Semiconductor Material Market Size by Application

Table 31. Global GaAs Semiconductor Material Sales by Application (2019-2024) & (K Units)

Table 32. Global GaAs Semiconductor Material Sales Market Share by Application (2019-2024)

Table 33. Global GaAs Semiconductor Material Sales by Application (2019-2024) & (M USD)

Table 34. Global GaAs Semiconductor Material Market Share by Application (2019-2024)

Table 35. Global GaAs Semiconductor Material Sales Growth Rate by Application (2019-2024)

Table 36. Global GaAs Semiconductor Material Sales by Region (2019-2024) & (K Units)

Table 37. Global GaAs Semiconductor Material Sales Market Share by Region (2019-2024)

Table 38. North America GaAs Semiconductor Material Sales by Country (2019-2024) & (K Units)

Table 39. Europe GaAs Semiconductor Material Sales by Country (2019-2024) & (K Units)

Table 40. Asia Pacific GaAs Semiconductor Material Sales by Region (2019-2024) & (K Units)

Table 41. South America GaAs Semiconductor Material Sales by Country (2019-2024) & (K Units)

Table 42. Middle East and Africa GaAs Semiconductor Material Sales by Region (2019-2024) & (K Units)

Table 43. Global GaAs Semiconductor Material Production (K Units) by Region (2019-2024)

Table 44. Global GaAs Semiconductor Material Revenue (US\$ Million) by Region (2019-2024)

Table 45. Global GaAs Semiconductor Material Revenue Market Share by Region (2019-2024)

Table 46. Global GaAs Semiconductor Material Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 47. North America GaAs Semiconductor Material Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 48. Europe GaAs Semiconductor Material Production (K Units), Revenue (US\$

Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 49. Japan GaAs Semiconductor Material Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 50. China GaAs Semiconductor Material Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 51. CMK GaAs Semiconductor Material Basic Information

Table 52. CMK GaAs Semiconductor Material Product Overview

Table 53. CMK GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 54. CMK Business Overview

Table 55. CMK GaAs Semiconductor Material SWOT Analysis

Table 56. CMK Recent Developments

Table 57. DOWA Electronics Materials GaAs Semiconductor Material Basic Information

Table 58. DOWA Electronics Materials GaAs Semiconductor Material Product Overview

Table 59. DOWA Electronics Materials GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 60. DOWA Electronics Materials Business Overview

Table 61. DOWA Electronics Materials GaAs Semiconductor Material SWOT Analysis

Table 62. DOWA Electronics Materials Recent Developments

Table 63. Anadigics (GaAs Labs) GaAs Semiconductor Material Basic Information

Table 64. Anadigics (GaAs Labs) GaAs Semiconductor Material Product Overview

Table 65. Anadigics (GaAs Labs) GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 66. Anadigics (GaAs Labs) GaAs Semiconductor Material SWOT Analysis

Table 67. Anadigics (GaAs Labs) Business Overview

Table 68. Anadigics (GaAs Labs) Recent Developments

Table 69. Avago Technologies GaAs Semiconductor Material Basic Information

Table 70. Avago Technologies GaAs Semiconductor Material Product Overview

Table 71. Avago Technologies GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 72. Avago Technologies Business Overview

Table 73. Avago Technologies Recent Developments

Table 74. AXT GaAs Semiconductor Material Basic Information

Table 75. AXT GaAs Semiconductor Material Product Overview

Table 76. AXT GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 77. AXT Business Overview

Table 78. AXT Recent Developments

Table 79. BWT GaAs Semiconductor Material Basic Information

- Table 80. BWT GaAs Semiconductor Material Product Overview
- Table 81. BWT GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 82. BWT Business Overview
- Table 83. BWT Recent Developments
- Table 84. Advanced Wireless Semiconductor GaAs Semiconductor Material Basic Information
- Table 85. Advanced Wireless Semiconductor GaAs Semiconductor Material Product Overview
- Table 86. Advanced Wireless Semiconductor GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 87. Advanced Wireless Semiconductor Business Overview
- Table 88. Advanced Wireless Semiconductor Recent Developments
- Table 89. China Crystal Technologies GaAs Semiconductor Material Basic Information
- Table 90. China Crystal Technologies GaAs Semiconductor Material Product Overview
- Table 91. China Crystal Technologies GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 92. China Crystal Technologies Business Overview
- Table 93. China Crystal Technologies Recent Developments
- Table 94. Cree GaAs Semiconductor Material Basic Information
- Table 95. Cree GaAs Semiconductor Material Product Overview
- Table 96. Cree GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 97. Cree Business Overview
- Table 98. Cree Recent Developments
- Table 99. Freiberger Compound Materials GaAs Semiconductor Material Basic Information
- Table 100. Freiberger Compound Materials GaAs Semiconductor Material Product Overview
- Table 101. Freiberger Compound Materials GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 102. Freiberger Compound Materials Business Overview
- Table 103. Freiberger Compound Materials Recent Developments
- Table 104. (Alta Devices)Hanergy Holdings GaAs Semiconductor Material Basic Information
- Table 105. (Alta Devices)Hanergy Holdings GaAs Semiconductor Material Product Overview
- Table 106. (Alta Devices)Hanergy Holdings GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 107. (Alta Devices)Hanergy Holdings Business Overview
- Table 108. (Alta Devices)Hanergy Holdings Recent Developments
- Table 109. Hittite Microwave GaAs Semiconductor Material Basic Information
- Table 110. Hittite Microwave GaAs Semiconductor Material Product Overview
- Table 111. Hittite Microwave GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 112. Hittite Microwave Business Overview
- Table 113. Hittite Microwave Recent Developments
- Table 114. IQE GaAs Semiconductor Material Basic Information
- Table 115. IQE GaAs Semiconductor Material Product Overview
- Table 116. IQE GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 117. IQE Business Overview
- Table 118. IQE Recent Developments
- Table 119. MACOM GaAs Semiconductor Material Basic Information
- Table 120. MACOM GaAs Semiconductor Material Product Overview
- Table 121. MACOM GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 122. MACOM Business Overview
- Table 123. MACOM Recent Developments
- Table 124. Qorvo GaAs Semiconductor Material Basic Information
- Table 125. Qorvo GaAs Semiconductor Material Product Overview
- Table 126. Qorvo GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 127. Qorvo Business Overview
- Table 128. Qorvo Recent Developments
- Table 129. Sumitomo Electric GaAs Semiconductor Material Basic Information
- Table 130. Sumitomo Electric GaAs Semiconductor Material Product Overview
- Table 131. Sumitomo Electric GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 132. Sumitomo Electric Business Overview
- Table 133. Sumitomo Electric Recent Developments
- Table 134. ALB Materials Inc GaAs Semiconductor Material Basic Information
- Table 135. ALB Materials Inc GaAs Semiconductor Material Product Overview
- Table 136. ALB Materials Inc GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 137. ALB Materials Inc Business Overview
- Table 138. ALB Materials Inc Recent Developments
- Table 139. Vital Materials GaAs Semiconductor Material Basic Information

- Table 140. Vital Materials GaAs Semiconductor Material Product Overview
- Table 141. Vital Materials GaAs Semiconductor Material Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 142. Vital Materials Business Overview
- Table 143. Vital Materials Recent Developments
- Table 144. Global GaAs Semiconductor Material Sales Forecast by Region (2025-2032) & (K Units)
- Table 145. Global GaAs Semiconductor Material Market Size Forecast by Region (2025-2032) & (M USD)
- Table 146. North America GaAs Semiconductor Material Sales Forecast by Country (2025-2032) & (K Units)
- Table 147. North America GaAs Semiconductor Material Market Size Forecast by Country (2025-2032) & (M USD)
- Table 148. Europe GaAs Semiconductor Material Sales Forecast by Country (2025-2032) & (K Units)
- Table 149. Europe GaAs Semiconductor Material Market Size Forecast by Country (2025-2032) & (M USD)
- Table 150. Asia Pacific GaAs Semiconductor Material Sales Forecast by Region (2025-2032) & (K Units)
- Table 151. Asia Pacific GaAs Semiconductor Material Market Size Forecast by Region (2025-2032) & (M USD)
- Table 152. South America GaAs Semiconductor Material Sales Forecast by Country (2025-2032) & (K Units)
- Table 153. South America GaAs Semiconductor Material Market Size Forecast by Country (2025-2032) & (M USD)
- Table 154. Middle East and Africa GaAs Semiconductor Material Consumption Forecast by Country (2025-2032) & (Units)
- Table 155. Middle East and Africa GaAs Semiconductor Material Market Size Forecast by Country (2025-2032) & (M USD)
- Table 156. Global GaAs Semiconductor Material Sales Forecast by Type (2025-2032) & (K Units)
- Table 157. Global GaAs Semiconductor Material Market Size Forecast by Type (2025-2032) & (M USD)
- Table 158. Global GaAs Semiconductor Material Price Forecast by Type (2025-2032) & (USD/Unit)
- Table 159. Global GaAs Semiconductor Material Sales (K Units) Forecast by Application (2025-2032)
- Table 160. Global GaAs Semiconductor Material Market Size Forecast by Application (2025-2032) & (M USD)



## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of GaAs Semiconductor Material

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global GaAs Semiconductor Material Market Size (M USD), 2019-2032

Figure 5. Global GaAs Semiconductor Material Market Size (M USD) (2019-2032)

Figure 6. Global GaAs Semiconductor Material Sales (K Units) & (2019-2032)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. GaAs Semiconductor Material Market Size by Country (M USD)

Figure 11. GaAs Semiconductor Material Sales Share by Manufacturers in 2023

Figure 12. Global GaAs Semiconductor Material Revenue Share by Manufacturers in 2023

Figure 13. GaAs Semiconductor Material Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market GaAs Semiconductor Material Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by GaAs Semiconductor Material Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global GaAs Semiconductor Material Market Share by Type

Figure 18. Sales Market Share of GaAs Semiconductor Material by Type (2019-2024)

Figure 19. Sales Market Share of GaAs Semiconductor Material by Type in 2023

Figure 20. Market Size Share of GaAs Semiconductor Material by Type (2019-2024)

Figure 21. Market Size Market Share of GaAs Semiconductor Material by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global GaAs Semiconductor Material Market Share by Application

Figure 24. Global GaAs Semiconductor Material Sales Market Share by Application (2019-2024)

Figure 25. Global GaAs Semiconductor Material Sales Market Share by Application in 2023

Figure 26. Global GaAs Semiconductor Material Market Share by Application (2019-2024)

Figure 27. Global GaAs Semiconductor Material Market Share by Application in 2023

Figure 28. Global GaAs Semiconductor Material Sales Growth Rate by Application

(2019-2024)

Figure 29. Global GaAs Semiconductor Material Sales Market Share by Region

(2019-2024)

Figure 30. North America GaAs Semiconductor Material Sales and Growth Rate

(2019-2024) & (K Units)

Figure 31. North America GaAs Semiconductor Material Sales Market Share by Country in 2023

Figure 32. U.S. GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada GaAs Semiconductor Material Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico GaAs Semiconductor Material Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe GaAs Semiconductor Material Sales Market Share by Country in 2023

Figure 37. Germany GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific GaAs Semiconductor Material Sales and Growth Rate (K Units)

Figure 43. Asia Pacific GaAs Semiconductor Material Sales Market Share by Region in 2023

Figure 44. China GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia GaAs Semiconductor Material Sales and Growth Rate

(2019-2024) & (K Units)

Figure 49. South America GaAs Semiconductor Material Sales and Growth Rate (K Units)

Figure 50. South America GaAs Semiconductor Material Sales Market Share by Country in 2023

Figure 51. Brazil GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa GaAs Semiconductor Material Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa GaAs Semiconductor Material Sales Market Share by Region in 2023

Figure 56. Saudi Arabia GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa GaAs Semiconductor Material Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global GaAs Semiconductor Material Production Market Share by Region (2019-2024)

Figure 62. North America GaAs Semiconductor Material Production (K Units) Growth Rate (2019-2024)

Figure 63. Europe GaAs Semiconductor Material Production (K Units) Growth Rate (2019-2024)

Figure 64. Japan GaAs Semiconductor Material Production (K Units) Growth Rate (2019-2024)

Figure 65. China GaAs Semiconductor Material Production (K Units) Growth Rate (2019-2024)

Figure 66. Global GaAs Semiconductor Material Sales Forecast by Volume (2019-2032) & (K Units)

Figure 67. Global GaAs Semiconductor Material Market Size Forecast by Value (2019-2032) & (M USD)

Figure 68. Global GaAs Semiconductor Material Sales Market Share Forecast by Type (2025-2032)

Figure 69. Global GaAs Semiconductor Material Market Share Forecast by Type (2025-2032)

Figure 70. Global GaAs Semiconductor Material Sales Forecast by Application (2025-2032)

Figure 71. Global GaAs Semiconductor Material Market Share Forecast by Application (2025-2032)

## I would like to order

Product name: Global GaAs Semiconductor Material Market Research Report 2024, Forecast to 2032

Product link: <https://marketpublishers.com/r/G033030C79C0EN.html>

Price: US\$ 3,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G033030C79C0EN.html>