

# Global Semi-Insulating Silicon Carbide Devices Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GFBB2931CB5BEN.html>

Date: September 2023

Pages: 99

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

ID: GFBB2931CB5BEN

## Abstracts

The global Semi-Insulating Silicon Carbide Devices market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global Semi-Insulating Silicon Carbide Devices production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Semi-Insulating Silicon Carbide Devices, 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 Semi-Insulating Silicon Carbide Devices that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Semi-Insulating Silicon Carbide Devices total production and demand, 2018-2029, (K Units)

Global Semi-Insulating Silicon Carbide Devices total production value, 2018-2029, (USD Million)

Global Semi-Insulating Silicon Carbide Devices production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Semi-Insulating Silicon Carbide Devices consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Semi-Insulating Silicon Carbide Devices domestic production, consumption, key domestic manufacturers and share

Global Semi-Insulating Silicon Carbide Devices production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Semi-Insulating Silicon Carbide Devices production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Semi-Insulating Silicon Carbide Devices production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Semi-Insulating Silicon Carbide Devices 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 STMicroelectronics, Wolfspeed, ROHM Semiconductor, Infineon Technologies, Mitsubishi Electric and Onsemi, 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 Semi-Insulating Silicon Carbide Devices 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 Semi-Insulating Silicon Carbide Devices Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Semi-Insulating Silicon Carbide Devices Market, Segmentation by Type

Diode

Junction Field Effect Transistor

Insulated-Gate Bipolar Transistor

Other

### Global Semi-Insulating Silicon Carbide Devices Market, Segmentation by Application

5G Base Station

Satellite Communications

Radar

Other

### Companies Profiled:

STMicroelectronics

Wolfspeed

ROHM Semiconductor

Infineon Technologies

Mitsubishi Electric

Onsemi

### Key Questions Answered

1. How big is the global Semi-Insulating Silicon Carbide Devices market?
2. What is the demand of the global Semi-Insulating Silicon Carbide Devices market?
3. What is the year over year growth of the global Semi-Insulating Silicon Carbide Devices market?
4. What is the production and production value of the global Semi-Insulating Silicon Carbide Devices market?
5. Who are the key producers in the global Semi-Insulating Silicon Carbide Devices market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Semi-Insulating Silicon Carbide Devices Introduction
- 1.2 World Semi-Insulating Silicon Carbide Devices Supply & Forecast
  - 1.2.1 World Semi-Insulating Silicon Carbide Devices Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Semi-Insulating Silicon Carbide Devices Production (2018-2029)
  - 1.2.3 World Semi-Insulating Silicon Carbide Devices Pricing Trends (2018-2029)
- 1.3 World Semi-Insulating Silicon Carbide Devices Production by Region (Based on Production Site)
  - 1.3.1 World Semi-Insulating Silicon Carbide Devices Production Value by Region (2018-2029)
  - 1.3.2 World Semi-Insulating Silicon Carbide Devices Production by Region (2018-2029)
  - 1.3.3 World Semi-Insulating Silicon Carbide Devices Average Price by Region (2018-2029)
  - 1.3.4 North America Semi-Insulating Silicon Carbide Devices Production (2018-2029)
  - 1.3.5 Europe Semi-Insulating Silicon Carbide Devices Production (2018-2029)
  - 1.3.6 China Semi-Insulating Silicon Carbide Devices Production (2018-2029)
  - 1.3.7 Japan Semi-Insulating Silicon Carbide Devices Production (2018-2029)
  - 1.3.8 South Korea Semi-Insulating Silicon Carbide Devices Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Semi-Insulating Silicon Carbide Devices Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Semi-Insulating Silicon Carbide Devices 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 Semi-Insulating Silicon Carbide Devices Demand (2018-2029)
- 2.2 World Semi-Insulating Silicon Carbide Devices Consumption by Region
  - 2.2.1 World Semi-Insulating Silicon Carbide Devices Consumption by Region (2018-2023)
  - 2.2.2 World Semi-Insulating Silicon Carbide Devices Consumption Forecast by Region (2024-2029)

- 2.3 United States Semi-Insulating Silicon Carbide Devices Consumption (2018-2029)
- 2.4 China Semi-Insulating Silicon Carbide Devices Consumption (2018-2029)
- 2.5 Europe Semi-Insulating Silicon Carbide Devices Consumption (2018-2029)
- 2.6 Japan Semi-Insulating Silicon Carbide Devices Consumption (2018-2029)
- 2.7 South Korea Semi-Insulating Silicon Carbide Devices Consumption (2018-2029)
- 2.8 ASEAN Semi-Insulating Silicon Carbide Devices Consumption (2018-2029)
- 2.9 India Semi-Insulating Silicon Carbide Devices Consumption (2018-2029)

### **3 WORLD SEMI-INSULATING SILICON CARBIDE DEVICES MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Semi-Insulating Silicon Carbide Devices Production Value by Manufacturer (2018-2023)
- 3.2 World Semi-Insulating Silicon Carbide Devices Production by Manufacturer (2018-2023)
- 3.3 World Semi-Insulating Silicon Carbide Devices Average Price by Manufacturer (2018-2023)
- 3.4 Semi-Insulating Silicon Carbide Devices Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Semi-Insulating Silicon Carbide Devices Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Semi-Insulating Silicon Carbide Devices in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for Semi-Insulating Silicon Carbide Devices in 2022
- 3.6 Semi-Insulating Silicon Carbide Devices Market: Overall Company Footprint Analysis
  - 3.6.1 Semi-Insulating Silicon Carbide Devices Market: Region Footprint
  - 3.6.2 Semi-Insulating Silicon Carbide Devices Market: Company Product Type Footprint
  - 3.6.3 Semi-Insulating Silicon Carbide Devices 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: Semi-Insulating Silicon Carbide Devices Production Value Comparison**

4.1.1 United States VS China: Semi-Insulating Silicon Carbide Devices Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Semi-Insulating Silicon Carbide Devices Production Value Market Share Comparison (2018 & 2022 & 2029)

### **4.2 United States VS China: Semi-Insulating Silicon Carbide Devices Production Comparison**

4.2.1 United States VS China: Semi-Insulating Silicon Carbide Devices Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Semi-Insulating Silicon Carbide Devices Production Market Share Comparison (2018 & 2022 & 2029)

### **4.3 United States VS China: Semi-Insulating Silicon Carbide Devices Consumption Comparison**

4.3.1 United States VS China: Semi-Insulating Silicon Carbide Devices Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Semi-Insulating Silicon Carbide Devices Consumption Market Share Comparison (2018 & 2022 & 2029)

### **4.4 United States Based Semi-Insulating Silicon Carbide Devices Manufacturers and Market Share, 2018-2023**

4.4.1 United States Based Semi-Insulating Silicon Carbide Devices Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Value (2018-2023)

4.4.3 United States Based Manufacturers Semi-Insulating Silicon Carbide Devices Production (2018-2023)

### **4.5 China Based Semi-Insulating Silicon Carbide Devices Manufacturers and Market Share**

4.5.1 China Based Semi-Insulating Silicon Carbide Devices Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Value (2018-2023)

4.5.3 China Based Manufacturers Semi-Insulating Silicon Carbide Devices Production (2018-2023)

### **4.6 Rest of World Based Semi-Insulating Silicon Carbide Devices Manufacturers and Market Share, 2018-2023**

4.6.1 Rest of World Based Semi-Insulating Silicon Carbide Devices Manufacturers,

Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Semi-Insulating Silicon Carbide Devices  
Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Semi-Insulating Silicon Carbide Devices  
Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Semi-Insulating Silicon Carbide Devices Market Size Overview by Type: 2018  
VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Diode

5.2.2 Junction Field Effect Transistor

5.2.3 Insulated-Gate Bipolar Transistor

5.2.4 Other

5.3 Market Segment by Type

5.3.1 World Semi-Insulating Silicon Carbide Devices Production by Type (2018-2029)

5.3.2 World Semi-Insulating Silicon Carbide Devices Production Value by Type  
(2018-2029)

5.3.3 World Semi-Insulating Silicon Carbide Devices Average Price by Type  
(2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Semi-Insulating Silicon Carbide Devices Market Size Overview by  
Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 5G Base Station

6.2.2 Satellite Communications

6.2.3 Radar

6.2.4 Other

6.3 Market Segment by Application

6.3.1 World Semi-Insulating Silicon Carbide Devices Production by Application  
(2018-2029)

6.3.2 World Semi-Insulating Silicon Carbide Devices Production Value by Application  
(2018-2029)

6.3.3 World Semi-Insulating Silicon Carbide Devices Average Price by Application  
(2018-2029)



## 7 COMPANY PROFILES

### 7.1 STMicroelectronics

7.1.1 STMicroelectronics Details

7.1.2 STMicroelectronics Major Business

7.1.3 STMicroelectronics Semi-Insulating Silicon Carbide Devices Product and Services

7.1.4 STMicroelectronics Semi-Insulating Silicon Carbide Devices Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 STMicroelectronics Recent Developments/Updates

7.1.6 STMicroelectronics Competitive Strengths & Weaknesses

### 7.2 Wolfspeed

7.2.1 Wolfspeed Details

7.2.2 Wolfspeed Major Business

7.2.3 Wolfspeed Semi-Insulating Silicon Carbide Devices Product and Services

7.2.4 Wolfspeed Semi-Insulating Silicon Carbide Devices Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Wolfspeed Recent Developments/Updates

7.2.6 Wolfspeed Competitive Strengths & Weaknesses

### 7.3 ROHM Semiconductor

7.3.1 ROHM Semiconductor Details

7.3.2 ROHM Semiconductor Major Business

7.3.3 ROHM Semiconductor Semi-Insulating Silicon Carbide Devices Product and Services

7.3.4 ROHM Semiconductor Semi-Insulating Silicon Carbide Devices Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 ROHM Semiconductor Recent Developments/Updates

7.3.6 ROHM Semiconductor Competitive Strengths & Weaknesses

### 7.4 Infineon Technologies

7.4.1 Infineon Technologies Details

7.4.2 Infineon Technologies Major Business

7.4.3 Infineon Technologies Semi-Insulating Silicon Carbide Devices Product and Services

7.4.4 Infineon Technologies Semi-Insulating Silicon Carbide Devices Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Infineon Technologies Recent Developments/Updates

7.4.6 Infineon Technologies Competitive Strengths & Weaknesses

### 7.5 Mitsubishi Electric

7.5.1 Mitsubishi Electric Details

- 7.5.2 Mitsubishi Electric Major Business
- 7.5.3 Mitsubishi Electric Semi-Insulating Silicon Carbide Devices Product and Services
- 7.5.4 Mitsubishi Electric Semi-Insulating Silicon Carbide Devices Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.5.5 Mitsubishi Electric Recent Developments/Updates
- 7.5.6 Mitsubishi Electric Competitive Strengths & Weaknesses
- 7.6 Onsemi
  - 7.6.1 Onsemi Details
  - 7.6.2 Onsemi Major Business
  - 7.6.3 Onsemi Semi-Insulating Silicon Carbide Devices Product and Services
  - 7.6.4 Onsemi Semi-Insulating Silicon Carbide Devices Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Onsemi Recent Developments/Updates
  - 7.6.6 Onsemi Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Semi-Insulating Silicon Carbide Devices Industry Chain
- 8.2 Semi-Insulating Silicon Carbide Devices Upstream Analysis
  - 8.2.1 Semi-Insulating Silicon Carbide Devices Core Raw Materials
  - 8.2.2 Main Manufacturers of Semi-Insulating Silicon Carbide Devices Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Semi-Insulating Silicon Carbide Devices Production Mode
- 8.6 Semi-Insulating Silicon Carbide Devices Procurement Model
- 8.7 Semi-Insulating Silicon Carbide Devices Industry Sales Model and Sales Channels
  - 8.7.1 Semi-Insulating Silicon Carbide Devices Sales Model
  - 8.7.2 Semi-Insulating Silicon Carbide Devices 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 Semi-Insulating Silicon Carbide Devices Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Semi-Insulating Silicon Carbide Devices Production Value by Region (2018-2023) & (USD Million)

Table 3. World Semi-Insulating Silicon Carbide Devices Production Value by Region (2024-2029) & (USD Million)

Table 4. World Semi-Insulating Silicon Carbide Devices Production Value Market Share by Region (2018-2023)

Table 5. World Semi-Insulating Silicon Carbide Devices Production Value Market Share by Region (2024-2029)

Table 6. World Semi-Insulating Silicon Carbide Devices Production by Region (2018-2023) & (K Units)

Table 7. World Semi-Insulating Silicon Carbide Devices Production by Region (2024-2029) & (K Units)

Table 8. World Semi-Insulating Silicon Carbide Devices Production Market Share by Region (2018-2023)

Table 9. World Semi-Insulating Silicon Carbide Devices Production Market Share by Region (2024-2029)

Table 10. World Semi-Insulating Silicon Carbide Devices Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Semi-Insulating Silicon Carbide Devices Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Semi-Insulating Silicon Carbide Devices Major Market Trends

Table 13. World Semi-Insulating Silicon Carbide Devices Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Semi-Insulating Silicon Carbide Devices Consumption by Region (2018-2023) & (K Units)

Table 15. World Semi-Insulating Silicon Carbide Devices Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Semi-Insulating Silicon Carbide Devices Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Semi-Insulating Silicon Carbide Devices Producers in 2022

Table 18. World Semi-Insulating Silicon Carbide Devices Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Semi-Insulating Silicon Carbide Devices Producers in 2022

Table 20. World Semi-Insulating Silicon Carbide Devices Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Semi-Insulating Silicon Carbide Devices Company Evaluation Quadrant

Table 22. World Semi-Insulating Silicon Carbide Devices Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Semi-Insulating Silicon Carbide Devices Production Site of Key Manufacturer

Table 24. Semi-Insulating Silicon Carbide Devices Market: Company Product Type Footprint

Table 25. Semi-Insulating Silicon Carbide Devices Market: Company Product Application Footprint

Table 26. Semi-Insulating Silicon Carbide Devices Competitive Factors

Table 27. Semi-Insulating Silicon Carbide Devices New Entrant and Capacity Expansion Plans

Table 28. Semi-Insulating Silicon Carbide Devices Mergers & Acquisitions Activity

Table 29. United States VS China Semi-Insulating Silicon Carbide Devices Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Semi-Insulating Silicon Carbide Devices Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Semi-Insulating Silicon Carbide Devices Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Semi-Insulating Silicon Carbide Devices Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Semi-Insulating Silicon Carbide Devices Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Market Share (2018-2023)

Table 37. China Based Semi-Insulating Silicon Carbide Devices Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Semi-Insulating Silicon Carbide Devices

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Semi-Insulating Silicon Carbide Devices Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Market Share (2018-2023)

Table 42. Rest of World Based Semi-Insulating Silicon Carbide Devices Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Semi-Insulating Silicon Carbide Devices Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Market Share (2018-2023)

Table 47. World Semi-Insulating Silicon Carbide Devices Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Semi-Insulating Silicon Carbide Devices Production by Type (2018-2023) & (K Units)

Table 49. World Semi-Insulating Silicon Carbide Devices Production by Type (2024-2029) & (K Units)

Table 50. World Semi-Insulating Silicon Carbide Devices Production Value by Type (2018-2023) & (USD Million)

Table 51. World Semi-Insulating Silicon Carbide Devices Production Value by Type (2024-2029) & (USD Million)

Table 52. World Semi-Insulating Silicon Carbide Devices Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Semi-Insulating Silicon Carbide Devices Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Semi-Insulating Silicon Carbide Devices Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Semi-Insulating Silicon Carbide Devices Production by Application (2018-2023) & (K Units)

Table 56. World Semi-Insulating Silicon Carbide Devices Production by Application (2024-2029) & (K Units)

Table 57. World Semi-Insulating Silicon Carbide Devices Production Value by Application (2018-2023) & (USD Million)

Table 58. World Semi-Insulating Silicon Carbide Devices Production Value by Application (2024-2029) & (USD Million)

Table 59. World Semi-Insulating Silicon Carbide Devices Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Semi-Insulating Silicon Carbide Devices Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 62. STMicroelectronics Major Business

Table 63. STMicroelectronics Semi-Insulating Silicon Carbide Devices Product and Services

Table 64. STMicroelectronics Semi-Insulating Silicon Carbide Devices Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. STMicroelectronics Recent Developments/Updates

Table 66. STMicroelectronics Competitive Strengths & Weaknesses

Table 67. Wolfspeed Basic Information, Manufacturing Base and Competitors

Table 68. Wolfspeed Major Business

Table 69. Wolfspeed Semi-Insulating Silicon Carbide Devices Product and Services

Table 70. Wolfspeed Semi-Insulating Silicon Carbide Devices Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Wolfspeed Recent Developments/Updates

Table 72. Wolfspeed Competitive Strengths & Weaknesses

Table 73. ROHM Semiconductor Basic Information, Manufacturing Base and Competitors

Table 74. ROHM Semiconductor Major Business

Table 75. ROHM Semiconductor Semi-Insulating Silicon Carbide Devices Product and Services

Table 76. ROHM Semiconductor Semi-Insulating Silicon Carbide Devices Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. ROHM Semiconductor Recent Developments/Updates

Table 78. ROHM Semiconductor Competitive Strengths & Weaknesses

Table 79. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 80. Infineon Technologies Major Business

Table 81. Infineon Technologies Semi-Insulating Silicon Carbide Devices Product and Services

Table 82. Infineon Technologies Semi-Insulating Silicon Carbide Devices Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Infineon Technologies Recent Developments/Updates

Table 84. Infineon Technologies Competitive Strengths & Weaknesses

Table 85. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors

Table 86. Mitsubishi Electric Major Business

Table 87. Mitsubishi Electric Semi-Insulating Silicon Carbide Devices Product and Services

Table 88. Mitsubishi Electric Semi-Insulating Silicon Carbide Devices Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Mitsubishi Electric Recent Developments/Updates

Table 90. Onsemi Basic Information, Manufacturing Base and Competitors

Table 91. Onsemi Major Business

Table 92. Onsemi Semi-Insulating Silicon Carbide Devices Product and Services

Table 93. Onsemi Semi-Insulating Silicon Carbide Devices Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 94. Global Key Players of Semi-Insulating Silicon Carbide Devices Upstream (Raw Materials)

Table 95. Semi-Insulating Silicon Carbide Devices Typical Customers

Table 96. Semi-Insulating Silicon Carbide Devices Typical Distributors

List of Figure

Figure 1. Semi-Insulating Silicon Carbide Devices Picture

Figure 2. World Semi-Insulating Silicon Carbide Devices Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Semi-Insulating Silicon Carbide Devices Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Semi-Insulating Silicon Carbide Devices Production (2018-2029) & (K Units)

Figure 5. World Semi-Insulating Silicon Carbide Devices Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Semi-Insulating Silicon Carbide Devices Production Value Market Share by Region (2018-2029)

Figure 7. World Semi-Insulating Silicon Carbide Devices Production Market Share by Region (2018-2029)

Figure 8. North America Semi-Insulating Silicon Carbide Devices Production (2018-2029) & (K Units)

Figure 9. Europe Semi-Insulating Silicon Carbide Devices Production (2018-2029) & (K Units)

Figure 10. China Semi-Insulating Silicon Carbide Devices Production (2018-2029) & (K

Units)

Figure 11. Japan Semi-Insulating Silicon Carbide Devices Production (2018-2029) & (K Units)

Figure 12. South Korea Semi-Insulating Silicon Carbide Devices Production (2018-2029) & (K Units)

Figure 13. Semi-Insulating Silicon Carbide Devices Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Semi-Insulating Silicon Carbide Devices Consumption (2018-2029) & (K Units)

Figure 16. World Semi-Insulating Silicon Carbide Devices Consumption Market Share by Region (2018-2029)

Figure 17. United States Semi-Insulating Silicon Carbide Devices Consumption (2018-2029) & (K Units)

Figure 18. China Semi-Insulating Silicon Carbide Devices Consumption (2018-2029) & (K Units)

Figure 19. Europe Semi-Insulating Silicon Carbide Devices Consumption (2018-2029) & (K Units)

Figure 20. Japan Semi-Insulating Silicon Carbide Devices Consumption (2018-2029) & (K Units)

Figure 21. South Korea Semi-Insulating Silicon Carbide Devices Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Semi-Insulating Silicon Carbide Devices Consumption (2018-2029) & (K Units)

Figure 23. India Semi-Insulating Silicon Carbide Devices Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Semi-Insulating Silicon Carbide Devices by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Semi-Insulating Silicon Carbide Devices Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Semi-Insulating Silicon Carbide Devices Markets in 2022

Figure 27. United States VS China: Semi-Insulating Silicon Carbide Devices Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Semi-Insulating Silicon Carbide Devices Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Semi-Insulating Silicon Carbide Devices Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Market Share 2022



Figure 31. China Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Semi-Insulating Silicon Carbide Devices Production Market Share 2022

Figure 33. World Semi-Insulating Silicon Carbide Devices Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Semi-Insulating Silicon Carbide Devices Production Value Market Share by Type in 2022

Figure 35. Diode

Figure 36. Junction Field Effect Transistor

Figure 37. Insulated-Gate Bipolar Transistor

Figure 38. Other

Figure 39. World Semi-Insulating Silicon Carbide Devices Production Market Share by Type (2018-2029)

Figure 40. World Semi-Insulating Silicon Carbide Devices Production Value Market Share by Type (2018-2029)

Figure 41. World Semi-Insulating Silicon Carbide Devices Average Price by Type (2018-2029) & (US\$/Unit)

Figure 42. World Semi-Insulating Silicon Carbide Devices Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 43. World Semi-Insulating Silicon Carbide Devices Production Value Market Share by Application in 2022

Figure 44. 5G Base Station

Figure 45. Satellite Communications

Figure 46. Radar

Figure 47. Other

Figure 48. World Semi-Insulating Silicon Carbide Devices Production Market Share by Application (2018-2029)

Figure 49. World Semi-Insulating Silicon Carbide Devices Production Value Market Share by Application (2018-2029)

Figure 50. World Semi-Insulating Silicon Carbide Devices Average Price by Application (2018-2029) & (US\$/Unit)

Figure 51. Semi-Insulating Silicon Carbide Devices Industry Chain

Figure 52. Semi-Insulating Silicon Carbide Devices Procurement Model

Figure 53. Semi-Insulating Silicon Carbide Devices Sales Model

Figure 54. Semi-Insulating Silicon Carbide Devices Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

## I would like to order

Product name: Global Semi-Insulating Silicon Carbide Devices Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GFBB2931CB5BEN.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](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/GFBB2931CB5BEN.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

