

# Global High Voltage SiC Diodes Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GE9A5DBCE812EN.html>

Date: July 2023

Pages: 130

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

ID: GE9A5DBCE812EN

## Abstracts

The global High Voltage SiC Diodes 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 High Voltage SiC Diodes production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Voltage SiC Diodes, 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 High Voltage SiC Diodes that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High Voltage SiC Diodes total production and demand, 2018-2029, (K Units)

Global High Voltage SiC Diodes total production value, 2018-2029, (USD Million)

Global High Voltage SiC Diodes production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global High Voltage SiC Diodes consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: High Voltage SiC Diodes domestic production, consumption, key domestic manufacturers and share

Global High Voltage SiC Diodes production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global High Voltage SiC Diodes production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global High Voltage SiC Diodes production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global High Voltage SiC Diodes 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, Onsemi, ROHM, Infineon, Nexperia, Microchip Technology, Comchip Technology, Wolfspeed and GeneSiC Semiconductor, 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 High Voltage SiC Diodes 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 High Voltage SiC Diodes Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global High Voltage SiC Diodes Market, Segmentation by Type

650V

1200V

1700V

3300V

Others

### Global High Voltage SiC Diodes Market, Segmentation by Application

Industrial

Automotive

Communication

Consumer Electronics

Others

### Companies Profiled:

STMicroelectronics

Onsemi

ROHM

Infineon

Nexperia

Microchip Technology

Comchip Technology

Wolfspeed

GeneSiC Semiconductor

Littelfuse (IXYS)

Rectron Limited

Toshiba

Qorvo

SemiQ Inc

BASiC Semiconductor

WeEn Semiconductors

InventChip Technology

Top Electronics

Shanghai Hestia Power Inc.

Global Power Technology Co., Ltd.

Sanan Optoelectronics

Beijing Advanced Semiconductor Innovation Co.,Ltd.

### Key Questions Answered

1. How big is the global High Voltage SiC Diodes market?
2. What is the demand of the global High Voltage SiC Diodes market?
3. What is the year over year growth of the global High Voltage SiC Diodes market?
4. What is the production and production value of the global High Voltage SiC Diodes market?
5. Who are the key producers in the global High Voltage SiC Diodes market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 High Voltage SiC Diodes Introduction
- 1.2 World High Voltage SiC Diodes Supply & Forecast
  - 1.2.1 World High Voltage SiC Diodes Production Value (2018 & 2022 & 2029)
  - 1.2.2 World High Voltage SiC Diodes Production (2018-2029)
  - 1.2.3 World High Voltage SiC Diodes Pricing Trends (2018-2029)
- 1.3 World High Voltage SiC Diodes Production by Region (Based on Production Site)
  - 1.3.1 World High Voltage SiC Diodes Production Value by Region (2018-2029)
  - 1.3.2 World High Voltage SiC Diodes Production by Region (2018-2029)
  - 1.3.3 World High Voltage SiC Diodes Average Price by Region (2018-2029)
  - 1.3.4 North America High Voltage SiC Diodes Production (2018-2029)
  - 1.3.5 Europe High Voltage SiC Diodes Production (2018-2029)
  - 1.3.6 China High Voltage SiC Diodes Production (2018-2029)
  - 1.3.7 Japan High Voltage SiC Diodes Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 High Voltage SiC Diodes Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 High Voltage SiC Diodes 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 High Voltage SiC Diodes Demand (2018-2029)
- 2.2 World High Voltage SiC Diodes Consumption by Region
  - 2.2.1 World High Voltage SiC Diodes Consumption by Region (2018-2023)
  - 2.2.2 World High Voltage SiC Diodes Consumption Forecast by Region (2024-2029)
- 2.3 United States High Voltage SiC Diodes Consumption (2018-2029)
- 2.4 China High Voltage SiC Diodes Consumption (2018-2029)
- 2.5 Europe High Voltage SiC Diodes Consumption (2018-2029)
- 2.6 Japan High Voltage SiC Diodes Consumption (2018-2029)
- 2.7 South Korea High Voltage SiC Diodes Consumption (2018-2029)
- 2.8 ASEAN High Voltage SiC Diodes Consumption (2018-2029)
- 2.9 India High Voltage SiC Diodes Consumption (2018-2029)

### **3 WORLD HIGH VOLTAGE SiC DIODES MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World High Voltage SiC Diodes Production Value by Manufacturer (2018-2023)
- 3.2 World High Voltage SiC Diodes Production by Manufacturer (2018-2023)
- 3.3 World High Voltage SiC Diodes Average Price by Manufacturer (2018-2023)
- 3.4 High Voltage SiC Diodes Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global High Voltage SiC Diodes Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for High Voltage SiC Diodes in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for High Voltage SiC Diodes in 2022
- 3.6 High Voltage SiC Diodes Market: Overall Company Footprint Analysis
  - 3.6.1 High Voltage SiC Diodes Market: Region Footprint
  - 3.6.2 High Voltage SiC Diodes Market: Company Product Type Footprint
  - 3.6.3 High Voltage SiC Diodes 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: High Voltage SiC Diodes Production Value Comparison
  - 4.1.1 United States VS China: High Voltage SiC Diodes Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: High Voltage SiC Diodes Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: High Voltage SiC Diodes Production Comparison
  - 4.2.1 United States VS China: High Voltage SiC Diodes Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: High Voltage SiC Diodes Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: High Voltage SiC Diodes Consumption Comparison
  - 4.3.1 United States VS China: High Voltage SiC Diodes Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: High Voltage SiC Diodes Consumption Market Share Comparison (2018 & 2022 & 2029)

#### 4.4 United States Based High Voltage SiC Diodes Manufacturers and Market Share, 2018-2023

4.4.1 United States Based High Voltage SiC Diodes Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers High Voltage SiC Diodes Production Value (2018-2023)

4.4.3 United States Based Manufacturers High Voltage SiC Diodes Production (2018-2023)

#### 4.5 China Based High Voltage SiC Diodes Manufacturers and Market Share

4.5.1 China Based High Voltage SiC Diodes Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers High Voltage SiC Diodes Production Value (2018-2023)

4.5.3 China Based Manufacturers High Voltage SiC Diodes Production (2018-2023)

#### 4.6 Rest of World Based High Voltage SiC Diodes Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based High Voltage SiC Diodes Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers High Voltage SiC Diodes Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers High Voltage SiC Diodes Production (2018-2023)

### **5 MARKET ANALYSIS BY TYPE**

#### 5.1 World High Voltage SiC Diodes Market Size Overview by Type: 2018 VS 2022 VS 2029

#### 5.2 Segment Introduction by Type

5.2.1 650V

5.2.2 1200V

5.2.3 1700V

5.2.4 3300V

5.2.5 Others

#### 5.3 Market Segment by Type

5.3.1 World High Voltage SiC Diodes Production by Type (2018-2029)

5.3.2 World High Voltage SiC Diodes Production Value by Type (2018-2029)

5.3.3 World High Voltage SiC Diodes Average Price by Type (2018-2029)

### **6 MARKET ANALYSIS BY APPLICATION**



6.1 World High Voltage SiC Diodes Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Industrial

6.2.2 Automotive

6.2.3 Communication

6.2.4 Consumer Electronics

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World High Voltage SiC Diodes Production by Application (2018-2029)

6.3.2 World High Voltage SiC Diodes Production Value by Application (2018-2029)

6.3.3 World High Voltage SiC Diodes 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 High Voltage SiC Diodes Product and Services

7.1.4 STMicroelectronics High Voltage SiC Diodes 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 Onsemi

7.2.1 Onsemi Details

7.2.2 Onsemi Major Business

7.2.3 Onsemi High Voltage SiC Diodes Product and Services

7.2.4 Onsemi High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Onsemi Recent Developments/Updates

7.2.6 Onsemi Competitive Strengths & Weaknesses

7.3 ROHM

7.3.1 ROHM Details

7.3.2 ROHM Major Business

7.3.3 ROHM High Voltage SiC Diodes Product and Services

7.3.4 ROHM High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 ROHM Recent Developments/Updates

### 7.3.6 ROHM Competitive Strengths & Weaknesses

## 7.4 Infineon

### 7.4.1 Infineon Details

### 7.4.2 Infineon Major Business

### 7.4.3 Infineon High Voltage SiC Diodes Product and Services

### 7.4.4 Infineon High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.4.5 Infineon Recent Developments/Updates

### 7.4.6 Infineon Competitive Strengths & Weaknesses

## 7.5 Nexperia

### 7.5.1 Nexperia Details

### 7.5.2 Nexperia Major Business

### 7.5.3 Nexperia High Voltage SiC Diodes Product and Services

### 7.5.4 Nexperia High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.5.5 Nexperia Recent Developments/Updates

### 7.5.6 Nexperia Competitive Strengths & Weaknesses

## 7.6 Microchip Technology

### 7.6.1 Microchip Technology Details

### 7.6.2 Microchip Technology Major Business

### 7.6.3 Microchip Technology High Voltage SiC Diodes Product and Services

### 7.6.4 Microchip Technology High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.6.5 Microchip Technology Recent Developments/Updates

### 7.6.6 Microchip Technology Competitive Strengths & Weaknesses

## 7.7 Comchip Technology

### 7.7.1 Comchip Technology Details

### 7.7.2 Comchip Technology Major Business

### 7.7.3 Comchip Technology High Voltage SiC Diodes Product and Services

### 7.7.4 Comchip Technology High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.7.5 Comchip Technology Recent Developments/Updates

### 7.7.6 Comchip Technology Competitive Strengths & Weaknesses

## 7.8 Wolfspeed

### 7.8.1 Wolfspeed Details

### 7.8.2 Wolfspeed Major Business

### 7.8.3 Wolfspeed High Voltage SiC Diodes Product and Services

### 7.8.4 Wolfspeed High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.8.5 Wolfspeed Recent Developments/Updates
- 7.8.6 Wolfspeed Competitive Strengths & Weaknesses
- 7.9 GeneSiC Semiconductor
  - 7.9.1 GeneSiC Semiconductor Details
  - 7.9.2 GeneSiC Semiconductor Major Business
  - 7.9.3 GeneSiC Semiconductor High Voltage SiC Diodes Product and Services
  - 7.9.4 GeneSiC Semiconductor High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 GeneSiC Semiconductor Recent Developments/Updates
  - 7.9.6 GeneSiC Semiconductor Competitive Strengths & Weaknesses
- 7.10 Littelfuse (IXYS)
  - 7.10.1 Littelfuse (IXYS) Details
  - 7.10.2 Littelfuse (IXYS) Major Business
  - 7.10.3 Littelfuse (IXYS) High Voltage SiC Diodes Product and Services
  - 7.10.4 Littelfuse (IXYS) High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 Littelfuse (IXYS) Recent Developments/Updates
  - 7.10.6 Littelfuse (IXYS) Competitive Strengths & Weaknesses
- 7.11 Rectron Limited
  - 7.11.1 Rectron Limited Details
  - 7.11.2 Rectron Limited Major Business
  - 7.11.3 Rectron Limited High Voltage SiC Diodes Product and Services
  - 7.11.4 Rectron Limited High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Rectron Limited Recent Developments/Updates
  - 7.11.6 Rectron Limited Competitive Strengths & Weaknesses
- 7.12 Toshiba
  - 7.12.1 Toshiba Details
  - 7.12.2 Toshiba Major Business
  - 7.12.3 Toshiba High Voltage SiC Diodes Product and Services
  - 7.12.4 Toshiba High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Toshiba Recent Developments/Updates
  - 7.12.6 Toshiba Competitive Strengths & Weaknesses
- 7.13 Qorvo
  - 7.13.1 Qorvo Details
  - 7.13.2 Qorvo Major Business
  - 7.13.3 Qorvo High Voltage SiC Diodes Product and Services
  - 7.13.4 Qorvo High Voltage SiC Diodes Production, Price, Value, Gross Margin and

## Market Share (2018-2023)

7.13.5 Qorvo Recent Developments/Updates

7.13.6 Qorvo Competitive Strengths & Weaknesses

## 7.14 SemiQ Inc

7.14.1 SemiQ Inc Details

7.14.2 SemiQ Inc Major Business

7.14.3 SemiQ Inc High Voltage SiC Diodes Product and Services

7.14.4 SemiQ Inc High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 SemiQ Inc Recent Developments/Updates

7.14.6 SemiQ Inc Competitive Strengths & Weaknesses

## 7.15 BASiC Semiconductor

7.15.1 BASiC Semiconductor Details

7.15.2 BASiC Semiconductor Major Business

7.15.3 BASiC Semiconductor High Voltage SiC Diodes Product and Services

7.15.4 BASiC Semiconductor High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 BASiC Semiconductor Recent Developments/Updates

7.15.6 BASiC Semiconductor Competitive Strengths & Weaknesses

## 7.16 WeEn Semiconductors

7.16.1 WeEn Semiconductors Details

7.16.2 WeEn Semiconductors Major Business

7.16.3 WeEn Semiconductors High Voltage SiC Diodes Product and Services

7.16.4 WeEn Semiconductors High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.16.5 WeEn Semiconductors Recent Developments/Updates

7.16.6 WeEn Semiconductors Competitive Strengths & Weaknesses

## 7.17 InventChip Technology

7.17.1 InventChip Technology Details

7.17.2 InventChip Technology Major Business

7.17.3 InventChip Technology High Voltage SiC Diodes Product and Services

7.17.4 InventChip Technology High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.17.5 InventChip Technology Recent Developments/Updates

7.17.6 InventChip Technology Competitive Strengths & Weaknesses

## 7.18 Top Electronics

7.18.1 Top Electronics Details

7.18.2 Top Electronics Major Business

7.18.3 Top Electronics High Voltage SiC Diodes Product and Services

7.18.4 Top Electronics High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.18.5 Top Electronics Recent Developments/Updates

7.18.6 Top Electronics Competitive Strengths & Weaknesses

7.19 Shanghai Hestia Power Inc.

7.19.1 Shanghai Hestia Power Inc. Details

7.19.2 Shanghai Hestia Power Inc. Major Business

7.19.3 Shanghai Hestia Power Inc. High Voltage SiC Diodes Product and Services

7.19.4 Shanghai Hestia Power Inc. High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.19.5 Shanghai Hestia Power Inc. Recent Developments/Updates

7.19.6 Shanghai Hestia Power Inc. Competitive Strengths & Weaknesses

7.20 Global Power Technology Co., Ltd.

7.20.1 Global Power Technology Co., Ltd. Details

7.20.2 Global Power Technology Co., Ltd. Major Business

7.20.3 Global Power Technology Co., Ltd. High Voltage SiC Diodes Product and Services

7.20.4 Global Power Technology Co., Ltd. High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.20.5 Global Power Technology Co., Ltd. Recent Developments/Updates

7.20.6 Global Power Technology Co., Ltd. Competitive Strengths & Weaknesses

7.21 Sanan Optoelectronics

7.21.1 Sanan Optoelectronics Details

7.21.2 Sanan Optoelectronics Major Business

7.21.3 Sanan Optoelectronics High Voltage SiC Diodes Product and Services

7.21.4 Sanan Optoelectronics High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.21.5 Sanan Optoelectronics Recent Developments/Updates

7.21.6 Sanan Optoelectronics Competitive Strengths & Weaknesses

7.22 Beijing Advanced Semiconductor Innovation Co.,Ltd.

7.22.1 Beijing Advanced Semiconductor Innovation Co.,Ltd. Details

7.22.2 Beijing Advanced Semiconductor Innovation Co.,Ltd. Major Business

7.22.3 Beijing Advanced Semiconductor Innovation Co.,Ltd. High Voltage SiC Diodes Product and Services

7.22.4 Beijing Advanced Semiconductor Innovation Co.,Ltd. High Voltage SiC Diodes Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.22.5 Beijing Advanced Semiconductor Innovation Co.,Ltd. Recent Developments/Updates

7.22.6 Beijing Advanced Semiconductor Innovation Co.,Ltd. Competitive Strengths &

Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 High Voltage SiC Diodes Industry Chain

8.2 High Voltage SiC Diodes Upstream Analysis

8.2.1 High Voltage SiC Diodes Core Raw Materials

8.2.2 Main Manufacturers of High Voltage SiC Diodes Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 High Voltage SiC Diodes Production Mode

8.6 High Voltage SiC Diodes Procurement Model

8.7 High Voltage SiC Diodes Industry Sales Model and Sales Channels

8.7.1 High Voltage SiC Diodes Sales Model

8.7.2 High Voltage SiC Diodes 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 High Voltage SiC Diodes Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World High Voltage SiC Diodes Production Value by Region (2018-2023) & (USD Million)

Table 3. World High Voltage SiC Diodes Production Value by Region (2024-2029) & (USD Million)

Table 4. World High Voltage SiC Diodes Production Value Market Share by Region (2018-2023)

Table 5. World High Voltage SiC Diodes Production Value Market Share by Region (2024-2029)

Table 6. World High Voltage SiC Diodes Production by Region (2018-2023) & (K Units)

Table 7. World High Voltage SiC Diodes Production by Region (2024-2029) & (K Units)

Table 8. World High Voltage SiC Diodes Production Market Share by Region (2018-2023)

Table 9. World High Voltage SiC Diodes Production Market Share by Region (2024-2029)

Table 10. World High Voltage SiC Diodes Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World High Voltage SiC Diodes Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. High Voltage SiC Diodes Major Market Trends

Table 13. World High Voltage SiC Diodes Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World High Voltage SiC Diodes Consumption by Region (2018-2023) & (K Units)

Table 15. World High Voltage SiC Diodes Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World High Voltage SiC Diodes Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key High Voltage SiC Diodes Producers in 2022

Table 18. World High Voltage SiC Diodes Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key High Voltage SiC Diodes Producers in 2022

Table 20. World High Voltage SiC Diodes Average Price by Manufacturer (2018-2023)

& (US\$/Unit)

Table 21. Global High Voltage SiC Diodes Company Evaluation Quadrant

Table 22. World High Voltage SiC Diodes Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and High Voltage SiC Diodes Production Site of Key Manufacturer

Table 24. High Voltage SiC Diodes Market: Company Product Type Footprint

Table 25. High Voltage SiC Diodes Market: Company Product Application Footprint

Table 26. High Voltage SiC Diodes Competitive Factors

Table 27. High Voltage SiC Diodes New Entrant and Capacity Expansion Plans

Table 28. High Voltage SiC Diodes Mergers & Acquisitions Activity

Table 29. United States VS China High Voltage SiC Diodes Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China High Voltage SiC Diodes Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China High Voltage SiC Diodes Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based High Voltage SiC Diodes Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers High Voltage SiC Diodes Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers High Voltage SiC Diodes Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers High Voltage SiC Diodes Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers High Voltage SiC Diodes Production Market Share (2018-2023)

Table 37. China Based High Voltage SiC Diodes Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers High Voltage SiC Diodes Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers High Voltage SiC Diodes Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers High Voltage SiC Diodes Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers High Voltage SiC Diodes Production Market Share (2018-2023)

Table 42. Rest of World Based High Voltage SiC Diodes Manufacturers, Headquarters and Production Site (States, Country)



Table 43. Rest of World Based Manufacturers High Voltage SiC Diodes Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers High Voltage SiC Diodes Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers High Voltage SiC Diodes Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers High Voltage SiC Diodes Production Market Share (2018-2023)

Table 47. World High Voltage SiC Diodes Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World High Voltage SiC Diodes Production by Type (2018-2023) & (K Units)

Table 49. World High Voltage SiC Diodes Production by Type (2024-2029) & (K Units)

Table 50. World High Voltage SiC Diodes Production Value by Type (2018-2023) & (USD Million)

Table 51. World High Voltage SiC Diodes Production Value by Type (2024-2029) & (USD Million)

Table 52. World High Voltage SiC Diodes Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World High Voltage SiC Diodes Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World High Voltage SiC Diodes Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World High Voltage SiC Diodes Production by Application (2018-2023) & (K Units)

Table 56. World High Voltage SiC Diodes Production by Application (2024-2029) & (K Units)

Table 57. World High Voltage SiC Diodes Production Value by Application (2018-2023) & (USD Million)

Table 58. World High Voltage SiC Diodes Production Value by Application (2024-2029) & (USD Million)

Table 59. World High Voltage SiC Diodes Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World High Voltage SiC Diodes 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 High Voltage SiC Diodes Product and Services

Table 64. STMicroelectronics High Voltage SiC Diodes 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. Onsemi Basic Information, Manufacturing Base and Competitors

Table 68. Onsemi Major Business

Table 69. Onsemi High Voltage SiC Diodes Product and Services

Table 70. Onsemi High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Onsemi Recent Developments/Updates

Table 72. Onsemi Competitive Strengths & Weaknesses

Table 73. ROHM Basic Information, Manufacturing Base and Competitors

Table 74. ROHM Major Business

Table 75. ROHM High Voltage SiC Diodes Product and Services

Table 76. ROHM High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. ROHM Recent Developments/Updates

Table 78. ROHM Competitive Strengths & Weaknesses

Table 79. Infineon Basic Information, Manufacturing Base and Competitors

Table 80. Infineon Major Business

Table 81. Infineon High Voltage SiC Diodes Product and Services

Table 82. Infineon High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Infineon Recent Developments/Updates

Table 84. Infineon Competitive Strengths & Weaknesses

Table 85. Nexperia Basic Information, Manufacturing Base and Competitors

Table 86. Nexperia Major Business

Table 87. Nexperia High Voltage SiC Diodes Product and Services

Table 88. Nexperia High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Nexperia Recent Developments/Updates

Table 90. Nexperia Competitive Strengths & Weaknesses

Table 91. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 92. Microchip Technology Major Business

Table 93. Microchip Technology High Voltage SiC Diodes Product and Services

Table 94. Microchip Technology High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Microchip Technology Recent Developments/Updates

- Table 96. Microchip Technology Competitive Strengths & Weaknesses
- Table 97. Comchip Technology Basic Information, Manufacturing Base and Competitors
- Table 98. Comchip Technology Major Business
- Table 99. Comchip Technology High Voltage SiC Diodes Product and Services
- Table 100. Comchip Technology High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Comchip Technology Recent Developments/Updates
- Table 102. Comchip Technology Competitive Strengths & Weaknesses
- Table 103. Wolfspeed Basic Information, Manufacturing Base and Competitors
- Table 104. Wolfspeed Major Business
- Table 105. Wolfspeed High Voltage SiC Diodes Product and Services
- Table 106. Wolfspeed High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Wolfspeed Recent Developments/Updates
- Table 108. Wolfspeed Competitive Strengths & Weaknesses
- Table 109. GeneSiC Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 110. GeneSiC Semiconductor Major Business
- Table 111. GeneSiC Semiconductor High Voltage SiC Diodes Product and Services
- Table 112. GeneSiC Semiconductor High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. GeneSiC Semiconductor Recent Developments/Updates
- Table 114. GeneSiC Semiconductor Competitive Strengths & Weaknesses
- Table 115. Littelfuse (IXYS) Basic Information, Manufacturing Base and Competitors
- Table 116. Littelfuse (IXYS) Major Business
- Table 117. Littelfuse (IXYS) High Voltage SiC Diodes Product and Services
- Table 118. Littelfuse (IXYS) High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Littelfuse (IXYS) Recent Developments/Updates
- Table 120. Littelfuse (IXYS) Competitive Strengths & Weaknesses
- Table 121. Rectron Limited Basic Information, Manufacturing Base and Competitors
- Table 122. Rectron Limited Major Business
- Table 123. Rectron Limited High Voltage SiC Diodes Product and Services
- Table 124. Rectron Limited High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

- Table 125. Rectron Limited Recent Developments/Updates
- Table 126. Rectron Limited Competitive Strengths & Weaknesses
- Table 127. Toshiba Basic Information, Manufacturing Base and Competitors
- Table 128. Toshiba Major Business
- Table 129. Toshiba High Voltage SiC Diodes Product and Services
- Table 130. Toshiba High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Toshiba Recent Developments/Updates
- Table 132. Toshiba Competitive Strengths & Weaknesses
- Table 133. Qorvo Basic Information, Manufacturing Base and Competitors
- Table 134. Qorvo Major Business
- Table 135. Qorvo High Voltage SiC Diodes Product and Services
- Table 136. Qorvo High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Qorvo Recent Developments/Updates
- Table 138. Qorvo Competitive Strengths & Weaknesses
- Table 139. SemiQ Inc Basic Information, Manufacturing Base and Competitors
- Table 140. SemiQ Inc Major Business
- Table 141. SemiQ Inc High Voltage SiC Diodes Product and Services
- Table 142. SemiQ Inc High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. SemiQ Inc Recent Developments/Updates
- Table 144. SemiQ Inc Competitive Strengths & Weaknesses
- Table 145. BASiC Semiconductor Basic Information, Manufacturing Base and Competitors
- Table 146. BASiC Semiconductor Major Business
- Table 147. BASiC Semiconductor High Voltage SiC Diodes Product and Services
- Table 148. BASiC Semiconductor High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 149. BASiC Semiconductor Recent Developments/Updates
- Table 150. BASiC Semiconductor Competitive Strengths & Weaknesses
- Table 151. WeEn Semiconductors Basic Information, Manufacturing Base and Competitors
- Table 152. WeEn Semiconductors Major Business
- Table 153. WeEn Semiconductors High Voltage SiC Diodes Product and Services
- Table 154. WeEn Semiconductors High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. WeEn Semiconductors Recent Developments/Updates

Table 156. WeEn Semiconductors Competitive Strengths & Weaknesses

Table 157. InventChip Technology Basic Information, Manufacturing Base and Competitors

Table 158. InventChip Technology Major Business

Table 159. InventChip Technology High Voltage SiC Diodes Product and Services

Table 160. InventChip Technology High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. InventChip Technology Recent Developments/Updates

Table 162. InventChip Technology Competitive Strengths & Weaknesses

Table 163. Top Electronics Basic Information, Manufacturing Base and Competitors

Table 164. Top Electronics Major Business

Table 165. Top Electronics High Voltage SiC Diodes Product and Services

Table 166. Top Electronics High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 167. Top Electronics Recent Developments/Updates

Table 168. Top Electronics Competitive Strengths & Weaknesses

Table 169. Shanghai Hestia Power Inc. Basic Information, Manufacturing Base and Competitors

Table 170. Shanghai Hestia Power Inc. Major Business

Table 171. Shanghai Hestia Power Inc. High Voltage SiC Diodes Product and Services

Table 172. Shanghai Hestia Power Inc. High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 173. Shanghai Hestia Power Inc. Recent Developments/Updates

Table 174. Shanghai Hestia Power Inc. Competitive Strengths & Weaknesses

Table 175. Global Power Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 176. Global Power Technology Co., Ltd. Major Business

Table 177. Global Power Technology Co., Ltd. High Voltage SiC Diodes Product and Services

Table 178. Global Power Technology Co., Ltd. High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 179. Global Power Technology Co., Ltd. Recent Developments/Updates

Table 180. Global Power Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 181. Sanan Optoelectronics Basic Information, Manufacturing Base and

## Competitors

Table 182. Sanan Optoelectronics Major Business

Table 183. Sanan Optoelectronics High Voltage SiC Diodes Product and Services

Table 184. Sanan Optoelectronics High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 185. Sanan Optoelectronics Recent Developments/Updates

Table 186. Beijing Advanced Semiconductor Innovation Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 187. Beijing Advanced Semiconductor Innovation Co.,Ltd. Major Business

Table 188. Beijing Advanced Semiconductor Innovation Co.,Ltd. High Voltage SiC Diodes Product and Services

Table 189. Beijing Advanced Semiconductor Innovation Co.,Ltd. High Voltage SiC Diodes Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 190. Global Key Players of High Voltage SiC Diodes Upstream (Raw Materials)

Table 191. High Voltage SiC Diodes Typical Customers

Table 192. High Voltage SiC Diodes Typical Distributors

## List Of Figures

### LIST OF FIGURES

- Figure 1. High Voltage SiC Diodes Picture
- Figure 2. World High Voltage SiC Diodes Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World High Voltage SiC Diodes Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World High Voltage SiC Diodes Production (2018-2029) & (K Units)
- Figure 5. World High Voltage SiC Diodes Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World High Voltage SiC Diodes Production Value Market Share by Region (2018-2029)
- Figure 7. World High Voltage SiC Diodes Production Market Share by Region (2018-2029)
- Figure 8. North America High Voltage SiC Diodes Production (2018-2029) & (K Units)
- Figure 9. Europe High Voltage SiC Diodes Production (2018-2029) & (K Units)
- Figure 10. China High Voltage SiC Diodes Production (2018-2029) & (K Units)
- Figure 11. Japan High Voltage SiC Diodes Production (2018-2029) & (K Units)
- Figure 12. High Voltage SiC Diodes Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World High Voltage SiC Diodes Consumption (2018-2029) & (K Units)
- Figure 15. World High Voltage SiC Diodes Consumption Market Share by Region (2018-2029)
- Figure 16. United States High Voltage SiC Diodes Consumption (2018-2029) & (K Units)
- Figure 17. China High Voltage SiC Diodes Consumption (2018-2029) & (K Units)
- Figure 18. Europe High Voltage SiC Diodes Consumption (2018-2029) & (K Units)
- Figure 19. Japan High Voltage SiC Diodes Consumption (2018-2029) & (K Units)
- Figure 20. South Korea High Voltage SiC Diodes Consumption (2018-2029) & (K Units)
- Figure 21. ASEAN High Voltage SiC Diodes Consumption (2018-2029) & (K Units)
- Figure 22. India High Voltage SiC Diodes Consumption (2018-2029) & (K Units)
- Figure 23. Producer Shipments of High Voltage SiC Diodes by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 24. Global Four-firm Concentration Ratios (CR4) for High Voltage SiC Diodes Markets in 2022
- Figure 25. Global Four-firm Concentration Ratios (CR8) for High Voltage SiC Diodes Markets in 2022
- Figure 26. United States VS China: High Voltage SiC Diodes Production Value Market

Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: High Voltage SiC Diodes Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: High Voltage SiC Diodes Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers High Voltage SiC Diodes Production Market Share 2022

Figure 30. China Based Manufacturers High Voltage SiC Diodes Production Market Share 2022

Figure 31. Rest of World Based Manufacturers High Voltage SiC Diodes Production Market Share 2022

Figure 32. World High Voltage SiC Diodes Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World High Voltage SiC Diodes Production Value Market Share by Type in 2022

Figure 34. 650V

Figure 35. 1200V

Figure 36. 1700V

Figure 37. 3300V

Figure 38. Others

Figure 39. World High Voltage SiC Diodes Production Market Share by Type (2018-2029)

Figure 40. World High Voltage SiC Diodes Production Value Market Share by Type (2018-2029)

Figure 41. World High Voltage SiC Diodes Average Price by Type (2018-2029) & (US\$/Unit)

Figure 42. World High Voltage SiC Diodes Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 43. World High Voltage SiC Diodes Production Value Market Share by Application in 2022

Figure 44. Industrial

Figure 45. Automotive

Figure 46. Communication

Figure 47. Consumer Electronics

Figure 48. Others

Figure 49. World High Voltage SiC Diodes Production Market Share by Application (2018-2029)

Figure 50. World High Voltage SiC Diodes Production Value Market Share by Application (2018-2029)



Figure 51. World High Voltage SiC Diodes Average Price by Application (2018-2029) & (US\$/Unit)

Figure 52. High Voltage SiC Diodes Industry Chain

Figure 53. High Voltage SiC Diodes Procurement Model

Figure 54. High Voltage SiC Diodes Sales Model

Figure 55. High Voltage SiC Diodes Sales Channels, Direct Sales, and Distribution

Figure 56. Methodology

Figure 57. Research Process and Data Source

## I would like to order

Product name: Global High Voltage SiC Diodes Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GE9A5DBCE812EN.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/GE9A5DBCE812EN.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