

# Global Silicon Carbide (SiC) Semiconductor Devices Market Growth 2025-2031

<https://marketpublishers.com/r/GB30A5231755EN.html>

Date: June 2026

Pages: 205

Price: US\$ 3,660.00 (Single User License)

ID: GB30A5231755EN

## Abstracts

The global Silicon Carbide (SiC) Semiconductor Devices market size is predicted to grow from US\$ 4478 million in 2025 to US\$ 13480 million in 2031; it is expected to grow at a CAGR of 20.2% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

SiC (silicon carbide) is a compound semiconductor composed of silicon and carbide. SiC provides a number of advantages over silicon, including 10x the breakdown electric field strength, 3x the band gap, and enabling a wider range of p- and n-type control required for device construction.

This report studies the Silicon Carbide (SiC) Semiconductor Devices, cover SiC MOSFET Module, SiC MOSFET Discrete, SiC diodes and SiC JFETs & FETs, etc.

Silicon Carbide (SiC) devices are widely used in automotive, EV charging, industrial motor/drive, PV, energy storage, wind power, UPS, data center & server and rail transport, etc.

In automotive, SiC power devices are mainly used in automotive main inverter, on-board chargers (OBC) and DC/DC converter. and the SiC power devices market was dominated by STMicroelectronics, Infineon, Wolfspeed, Rohm, Onsemi, BYD Semiconductor.

Automotive is the largest market, hold a share over 65%, mainly used in OBC, DC/DC

Converter, etc.

Global new energy vehicles continue to grow rapidly. In 2023, the total sales of new energy vehicles in the world reached 14.65 million, a simultaneous increase of 35.4%. Among them, China's new energy vehicle sales reached 9.495 million, accounting for 64.8% of global sales. The production and sales of new energy vehicles have ranked first in the world for eight consecutive years. In 2023, the sales of new energy vehicles in the United States and Europe were 2.94 million and 1.46 million respectively, with year-on-year growth rates of 18.3% and 48.0% respectively.

LP Information, Inc. (LPI) ' newest research report, the “Silicon Carbide (SiC) Semiconductor Devices Industry Forecast” looks at past sales and reviews total world Silicon Carbide (SiC) Semiconductor Devices sales in 2024, providing a comprehensive analysis by region and market sector of projected Silicon Carbide (SiC) Semiconductor Devices sales for 2025 through 2031. With Silicon Carbide (SiC) Semiconductor Devices sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Silicon Carbide (SiC) Semiconductor Devices industry.

This Insight Report provides a comprehensive analysis of the global Silicon Carbide (SiC) Semiconductor Devices landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Silicon Carbide (SiC) Semiconductor Devices portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Silicon Carbide (SiC) Semiconductor Devices market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Silicon Carbide (SiC) Semiconductor Devices and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Silicon Carbide (SiC) Semiconductor Devices.

This report presents a comprehensive overview, market shares, and growth opportunities of Silicon Carbide (SiC) Semiconductor Devices market by product type, application, key manufacturers and key regions and countries.

**Segmentation by Type:**

SiC MOSFET Modules

SiC MOSFET Discretes

SiC Diode/SBD

Others (SiC JFETs & FETs)

**Segmentation by Application:**

Automotive & EV/HEV

EV Charging

Industrial Motor/Drive

PV, Energy Storage, Wind Power

UPS, Data Center & Server

Rail Transport

Others

**This report also splits the market by region:**

Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

STMicroelectronics

Infineon

Wolfspeed

Rohm

onsemi

BYD Semiconductor

Microchip (Microsemi)

Mitsubishi Electric (Vincotech)

Semikron Danfoss

Fuji Electric

Navitas (GeneSiC)

Toshiba

Qorvo (UnitedSiC)

San'an Optoelectronics

Littelfuse (IXYS)

CETC 55

WeEn Semiconductors

BASiC Semiconductor

SemiQ

Diodes Incorporated

SanRex

Alpha & Omega Semiconductor

Bosch

KEC Corporation

PANJIT Group

Nexperia

Vishay Intertechnology

Zhuzhou CRRC Times Electric

China Resources Microelectronics Limited

StarPower

Yangzhou Yangjie Electronic Technology

Guangdong AccoPower Semiconductor

Changzhou Galaxy Century Microelectronics

Hangzhou Silan Microelectronics

Cissoid

SK powertech

InventChip Technology

Hebei Sinopack Electronic Technology

Oriental Semiconductor

Jilin Sino-Microelectronics

PN Junction Semiconductor (Hangzhou)

United Nova Technology

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Silicon Carbide (SiC) Semiconductor Devices market?

What factors are driving Silicon Carbide (SiC) Semiconductor Devices market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Silicon Carbide (SiC) Semiconductor Devices market opportunities vary by end market size?

How does Silicon Carbide (SiC) Semiconductor Devices break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Silicon Carbide (SiC) Semiconductor Devices Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Silicon Carbide (SiC) Semiconductor Devices by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Silicon Carbide (SiC) Semiconductor Devices by Country/Region, 2020, 2024 & 2031

#### 2.2 Silicon Carbide (SiC) Semiconductor Devices Segment by Type

- 2.2.1 SiC MOSFET Modules
- 2.2.2 SiC MOSFET Discretets
- 2.2.3 SiC Diode/SBD
- 2.2.4 Others (SiC JFETs & FETs)

#### 2.3 Silicon Carbide (SiC) Semiconductor Devices Sales by Type

- 2.3.1 Global Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Type (2020-2025)
- 2.3.2 Global Silicon Carbide (SiC) Semiconductor Devices Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Silicon Carbide (SiC) Semiconductor Devices Sale Price by Type (2020-2025)

#### 2.4 Silicon Carbide (SiC) Semiconductor Devices Segment by Application

- 2.4.1 Automotive & EV/HEV
- 2.4.2 EV Charging
- 2.4.3 Industrial Motor/Drive
- 2.4.4 PV, Energy Storage, Wind Power
- 2.4.5 UPS, Data Center & Server

2.4.6 Rail Transport

2.4.7 Others

2.5 Silicon Carbide (SiC) Semiconductor Devices Sales by Application

2.5.1 Global Silicon Carbide (SiC) Semiconductor Devices Sale Market Share by Application (2020-2025)

2.5.2 Global Silicon Carbide (SiC) Semiconductor Devices Revenue and Market Share by Application (2020-2025)

2.5.3 Global Silicon Carbide (SiC) Semiconductor Devices Sale Price by Application (2020-2025)

### **3 GLOBAL BY COMPANY**

3.1 Global Silicon Carbide (SiC) Semiconductor Devices Breakdown Data by Company

3.1.1 Global Silicon Carbide (SiC) Semiconductor Devices Annual Sales by Company (2020-2025)

3.1.2 Global Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Company (2020-2025)

3.2 Global Silicon Carbide (SiC) Semiconductor Devices Annual Revenue by Company (2020-2025)

3.2.1 Global Silicon Carbide (SiC) Semiconductor Devices Revenue by Company (2020-2025)

3.2.2 Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Company (2020-2025)

3.3 Global Silicon Carbide (SiC) Semiconductor Devices Sale Price by Company

3.4 Key Manufacturers Silicon Carbide (SiC) Semiconductor Devices Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Silicon Carbide (SiC) Semiconductor Devices Product Location Distribution

3.4.2 Players Silicon Carbide (SiC) Semiconductor Devices Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR SILICON CARBIDE (SiC) SEMICONDUCTOR DEVICES BY GEOGRAPHIC REGION**

4.1 World Historic Silicon Carbide (SiC) Semiconductor Devices Market Size by

Geographic Region (2020-2025)

4.1.1 Global Silicon Carbide (SiC) Semiconductor Devices Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Silicon Carbide (SiC) Semiconductor Devices Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Silicon Carbide (SiC) Semiconductor Devices Market Size by Country/Region (2020-2025)

4.2.1 Global Silicon Carbide (SiC) Semiconductor Devices Annual Sales by Country/Region (2020-2025)

4.2.2 Global Silicon Carbide (SiC) Semiconductor Devices Annual Revenue by Country/Region (2020-2025)

4.3 Americas Silicon Carbide (SiC) Semiconductor Devices Sales Growth

4.4 APAC Silicon Carbide (SiC) Semiconductor Devices Sales Growth

4.5 Europe Silicon Carbide (SiC) Semiconductor Devices Sales Growth

4.6 Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Sales Growth

## **5 AMERICAS**

5.1 Americas Silicon Carbide (SiC) Semiconductor Devices Sales by Country

5.1.1 Americas Silicon Carbide (SiC) Semiconductor Devices Sales by Country (2020-2025)

5.1.2 Americas Silicon Carbide (SiC) Semiconductor Devices Revenue by Country (2020-2025)

5.2 Americas Silicon Carbide (SiC) Semiconductor Devices Sales by Type (2020-2025)

5.3 Americas Silicon Carbide (SiC) Semiconductor Devices Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Silicon Carbide (SiC) Semiconductor Devices Sales by Region

6.1.1 APAC Silicon Carbide (SiC) Semiconductor Devices Sales by Region (2020-2025)

6.1.2 APAC Silicon Carbide (SiC) Semiconductor Devices Revenue by Region (2020-2025)

6.2 APAC Silicon Carbide (SiC) Semiconductor Devices Sales by Type (2020-2025)

### 6.3 APAC Silicon Carbide (SiC) Semiconductor Devices Sales by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## 7 EUROPE

### 7.1 Europe Silicon Carbide (SiC) Semiconductor Devices by Country

7.1.1 Europe Silicon Carbide (SiC) Semiconductor Devices Sales by Country (2020-2025)

7.1.2 Europe Silicon Carbide (SiC) Semiconductor Devices Revenue by Country (2020-2025)

### 7.2 Europe Silicon Carbide (SiC) Semiconductor Devices Sales by Type (2020-2025)

7.3 Europe Silicon Carbide (SiC) Semiconductor Devices Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## 8 MIDDLE EAST & AFRICA

### 8.1 Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices by Country

8.1.1 Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Sales by Country (2020-2025)

8.1.2 Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Revenue by Country (2020-2025)

8.2 Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Sales by Type (2020-2025)

8.3 Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Sales by Application (2020-2025)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Silicon Carbide (SiC) Semiconductor Devices

10.3 Manufacturing Process Analysis of Silicon Carbide (SiC) Semiconductor Devices

10.4 Industry Chain Structure of Silicon Carbide (SiC) Semiconductor Devices

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Silicon Carbide (SiC) Semiconductor Devices Distributors

11.3 Silicon Carbide (SiC) Semiconductor Devices Customer

## **12 WORLD FORECAST REVIEW FOR SILICON CARBIDE (SiC) SEMICONDUCTOR DEVICES BY GEOGRAPHIC REGION**

12.1 Global Silicon Carbide (SiC) Semiconductor Devices Market Size Forecast by Region

12.1.1 Global Silicon Carbide (SiC) Semiconductor Devices Forecast by Region (2026-2031)

12.1.2 Global Silicon Carbide (SiC) Semiconductor Devices Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Silicon Carbide (SiC) Semiconductor Devices Forecast by Type  
(2026-2031)

12.7 Global Silicon Carbide (SiC) Semiconductor Devices Forecast by Application  
(2026-2031)

## **13 KEY PLAYERS ANALYSIS**

### 13.1 STMicroelectronics

13.1.1 STMicroelectronics Company Information

13.1.2 STMicroelectronics Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.1.3 STMicroelectronics Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 STMicroelectronics Main Business Overview

13.1.5 STMicroelectronics Latest Developments

### 13.2 Infineon

13.2.1 Infineon Company Information

13.2.2 Infineon Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.2.3 Infineon Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Infineon Main Business Overview

13.2.5 Infineon Latest Developments

### 13.3 Wolfspeed

13.3.1 Wolfspeed Company Information

13.3.2 Wolfspeed Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.3.3 Wolfspeed Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Wolfspeed Main Business Overview

13.3.5 Wolfspeed Latest Developments

### 13.4 Rohm

13.4.1 Rohm Company Information

13.4.2 Rohm Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.4.3 Rohm Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Rohm Main Business Overview

13.4.5 Rohm Latest Developments

## 13.5 onsemi

### 13.5.1 onsemi Company Information

### 13.5.2 onsemi Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

### 13.5.3 onsemi Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.5.4 onsemi Main Business Overview

### 13.5.5 onsemi Latest Developments

## 13.6 BYD Semiconductor

### 13.6.1 BYD Semiconductor Company Information

### 13.6.2 BYD Semiconductor Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

### 13.6.3 BYD Semiconductor Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.6.4 BYD Semiconductor Main Business Overview

### 13.6.5 BYD Semiconductor Latest Developments

## 13.7 Microchip (Microsemi)

### 13.7.1 Microchip (Microsemi) Company Information

### 13.7.2 Microchip (Microsemi) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

### 13.7.3 Microchip (Microsemi) Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.7.4 Microchip (Microsemi) Main Business Overview

### 13.7.5 Microchip (Microsemi) Latest Developments

## 13.8 Mitsubishi Electric (Vincotech)

### 13.8.1 Mitsubishi Electric (Vincotech) Company Information

### 13.8.2 Mitsubishi Electric (Vincotech) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

### 13.8.3 Mitsubishi Electric (Vincotech) Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.8.4 Mitsubishi Electric (Vincotech) Main Business Overview

### 13.8.5 Mitsubishi Electric (Vincotech) Latest Developments

## 13.9 Semikron Danfoss

### 13.9.1 Semikron Danfoss Company Information

### 13.9.2 Semikron Danfoss Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

### 13.9.3 Semikron Danfoss Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

### 13.9.4 Semikron Danfoss Main Business Overview

- 13.9.5 Semikron Danfoss Latest Developments
- 13.10 Fuji Electric
  - 13.10.1 Fuji Electric Company Information
  - 13.10.2 Fuji Electric Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.10.3 Fuji Electric Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.10.4 Fuji Electric Main Business Overview
  - 13.10.5 Fuji Electric Latest Developments
- 13.11 Navitas (GeneSiC)
  - 13.11.1 Navitas (GeneSiC) Company Information
  - 13.11.2 Navitas (GeneSiC) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.11.3 Navitas (GeneSiC) Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.11.4 Navitas (GeneSiC) Main Business Overview
  - 13.11.5 Navitas (GeneSiC) Latest Developments
- 13.12 Toshiba
  - 13.12.1 Toshiba Company Information
  - 13.12.2 Toshiba Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.12.3 Toshiba Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.12.4 Toshiba Main Business Overview
  - 13.12.5 Toshiba Latest Developments
- 13.13 Qorvo (UnitedSiC)
  - 13.13.1 Qorvo (UnitedSiC) Company Information
  - 13.13.2 Qorvo (UnitedSiC) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.13.3 Qorvo (UnitedSiC) Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.13.4 Qorvo (UnitedSiC) Main Business Overview
  - 13.13.5 Qorvo (UnitedSiC) Latest Developments
- 13.14 San'an Optoelectronics
  - 13.14.1 San'an Optoelectronics Company Information
  - 13.14.2 San'an Optoelectronics Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.14.3 San'an Optoelectronics Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

- 13.14.4 San'an Optoelectronics Main Business Overview
- 13.14.5 San'an Optoelectronics Latest Developments
- 13.15 Littelfuse (IXYS)
  - 13.15.1 Littelfuse (IXYS) Company Information
  - 13.15.2 Littelfuse (IXYS) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.15.3 Littelfuse (IXYS) Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.15.4 Littelfuse (IXYS) Main Business Overview
  - 13.15.5 Littelfuse (IXYS) Latest Developments
- 13.16 CETC
  - 13.16.1 CETC 55 Company Information
  - 13.16.2 CETC 55 Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.16.3 CETC 55 Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.16.4 CETC 55 Main Business Overview
  - 13.16.5 CETC 55 Latest Developments
- 13.17 WeEn Semiconductors
  - 13.17.1 WeEn Semiconductors Company Information
  - 13.17.2 WeEn Semiconductors Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.17.3 WeEn Semiconductors Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.17.4 WeEn Semiconductors Main Business Overview
  - 13.17.5 WeEn Semiconductors Latest Developments
- 13.18 BASiC Semiconductor
  - 13.18.1 BASiC Semiconductor Company Information
  - 13.18.2 BASiC Semiconductor Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.18.3 BASiC Semiconductor Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.18.4 BASiC Semiconductor Main Business Overview
  - 13.18.5 BASiC Semiconductor Latest Developments
- 13.19 SemiQ
  - 13.19.1 SemiQ Company Information
  - 13.19.2 SemiQ Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.19.3 SemiQ Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price

and Gross Margin (2020-2025)

13.19.4 SemiQ Main Business Overview

13.19.5 SemiQ Latest Developments

13.20 Diodes Incorporated

13.20.1 Diodes Incorporated Company Information

13.20.2 Diodes Incorporated Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.20.3 Diodes Incorporated Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.20.4 Diodes Incorporated Main Business Overview

13.20.5 Diodes Incorporated Latest Developments

13.21 SanRex

13.21.1 SanRex Company Information

13.21.2 SanRex Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.21.3 SanRex Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.21.4 SanRex Main Business Overview

13.21.5 SanRex Latest Developments

13.22 Alpha & Omega Semiconductor

13.22.1 Alpha & Omega Semiconductor Company Information

13.22.2 Alpha & Omega Semiconductor Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.22.3 Alpha & Omega Semiconductor Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.22.4 Alpha & Omega Semiconductor Main Business Overview

13.22.5 Alpha & Omega Semiconductor Latest Developments

13.23 Bosch

13.23.1 Bosch Company Information

13.23.2 Bosch Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.23.3 Bosch Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.23.4 Bosch Main Business Overview

13.23.5 Bosch Latest Developments

13.24 KEC Corporation

13.24.1 KEC Corporation Company Information

13.24.2 KEC Corporation Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

- 13.24.3 KEC Corporation Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.24.4 KEC Corporation Main Business Overview
- 13.24.5 KEC Corporation Latest Developments
- 13.25 PANJIT Group
  - 13.25.1 PANJIT Group Company Information
  - 13.25.2 PANJIT Group Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.25.3 PANJIT Group Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.25.4 PANJIT Group Main Business Overview
  - 13.25.5 PANJIT Group Latest Developments
- 13.26 Nexperia
  - 13.26.1 Nexperia Company Information
  - 13.26.2 Nexperia Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.26.3 Nexperia Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.26.4 Nexperia Main Business Overview
  - 13.26.5 Nexperia Latest Developments
- 13.27 Vishay Intertechnology
  - 13.27.1 Vishay Intertechnology Company Information
  - 13.27.2 Vishay Intertechnology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.27.3 Vishay Intertechnology Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.27.4 Vishay Intertechnology Main Business Overview
  - 13.27.5 Vishay Intertechnology Latest Developments
- 13.28 Zhuzhou CRRC Times Electric
  - 13.28.1 Zhuzhou CRRC Times Electric Company Information
  - 13.28.2 Zhuzhou CRRC Times Electric Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.28.3 Zhuzhou CRRC Times Electric Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.28.4 Zhuzhou CRRC Times Electric Main Business Overview
  - 13.28.5 Zhuzhou CRRC Times Electric Latest Developments
- 13.29 China Resources Microelectronics Limited
  - 13.29.1 China Resources Microelectronics Limited Company Information
  - 13.29.2 China Resources Microelectronics Limited Silicon Carbide (SiC)

## Semiconductor Devices Product Portfolios and Specifications

13.29.3 China Resources Microelectronics Limited Silicon Carbide (SiC)

## Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.29.4 China Resources Microelectronics Limited Main Business Overview

13.29.5 China Resources Microelectronics Limited Latest Developments

## 13.30 StarPower

13.30.1 StarPower Company Information

## 13.30.2 StarPower Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.30.3 StarPower Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.30.4 StarPower Main Business Overview

13.30.5 StarPower Latest Developments

## 13.31 Yangzhou Yangjie Electronic Technology

13.31.1 Yangzhou Yangjie Electronic Technology Company Information

## 13.31.2 Yangzhou Yangjie Electronic Technology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.31.3 Yangzhou Yangjie Electronic Technology Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.31.4 Yangzhou Yangjie Electronic Technology Main Business Overview

13.31.5 Yangzhou Yangjie Electronic Technology Latest Developments

## 13.32 Guangdong AccoPower Semiconductor

13.32.1 Guangdong AccoPower Semiconductor Company Information

## 13.32.2 Guangdong AccoPower Semiconductor Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.32.3 Guangdong AccoPower Semiconductor Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.32.4 Guangdong AccoPower Semiconductor Main Business Overview

13.32.5 Guangdong AccoPower Semiconductor Latest Developments

## 13.33 Changzhou Galaxy Century Microelectronics

13.33.1 Changzhou Galaxy Century Microelectronics Company Information

## 13.33.2 Changzhou Galaxy Century Microelectronics Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.33.3 Changzhou Galaxy Century Microelectronics Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.33.4 Changzhou Galaxy Century Microelectronics Main Business Overview

13.33.5 Changzhou Galaxy Century Microelectronics Latest Developments

## 13.34 Hangzhou Silan Microelectronics

13.34.1 Hangzhou Silan Microelectronics Company Information

13.34.2 Hangzhou Silan Microelectronics Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.34.3 Hangzhou Silan Microelectronics Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.34.4 Hangzhou Silan Microelectronics Main Business Overview

13.34.5 Hangzhou Silan Microelectronics Latest Developments

13.35 Cissoid

13.35.1 Cissoid Company Information

13.35.2 Cissoid Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.35.3 Cissoid Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.35.4 Cissoid Main Business Overview

13.35.5 Cissoid Latest Developments

13.36 SK powertech

13.36.1 SK powertech Company Information

13.36.2 SK powertech Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.36.3 SK powertech Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.36.4 SK powertech Main Business Overview

13.36.5 SK powertech Latest Developments

13.37 InventChip Technology

13.37.1 InventChip Technology Company Information

13.37.2 InventChip Technology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.37.3 InventChip Technology Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.37.4 InventChip Technology Main Business Overview

13.37.5 InventChip Technology Latest Developments

13.38 Hebei Sinopack Electronic Technology

13.38.1 Hebei Sinopack Electronic Technology Company Information

13.38.2 Hebei Sinopack Electronic Technology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

13.38.3 Hebei Sinopack Electronic Technology Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)

13.38.4 Hebei Sinopack Electronic Technology Main Business Overview

13.38.5 Hebei Sinopack Electronic Technology Latest Developments

13.39 Oriental Semiconductor

- 13.39.1 Oriental Semiconductor Company Information
- 13.39.2 Oriental Semiconductor Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- 13.39.3 Oriental Semiconductor Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.39.4 Oriental Semiconductor Main Business Overview
- 13.39.5 Oriental Semiconductor Latest Developments
- 13.40 Jilin Sino-Microelectronics
  - 13.40.1 Jilin Sino-Microelectronics Company Information
  - 13.40.2 Jilin Sino-Microelectronics Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.40.3 Jilin Sino-Microelectronics Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.40.4 Jilin Sino-Microelectronics Main Business Overview
  - 13.40.5 Jilin Sino-Microelectronics Latest Developments
- 13.41 PN Junction Semiconductor (Hangzhou)
  - 13.41.1 PN Junction Semiconductor (Hangzhou) Company Information
  - 13.41.2 PN Junction Semiconductor (Hangzhou) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.41.3 PN Junction Semiconductor (Hangzhou) Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.41.4 PN Junction Semiconductor (Hangzhou) Main Business Overview
  - 13.41.5 PN Junction Semiconductor (Hangzhou) Latest Developments
- 13.42 United Nova Technology
  - 13.42.1 United Nova Technology Company Information
  - 13.42.2 United Nova Technology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
  - 13.42.3 United Nova Technology Silicon Carbide (SiC) Semiconductor Devices Sales, Revenue, Price and Gross Margin (2020-2025)
  - 13.42.4 United Nova Technology Main Business Overview
  - 13.42.5 United Nova Technology Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Silicon Carbide (SiC) Semiconductor Devices Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Silicon Carbide (SiC) Semiconductor Devices Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of SiC MOSFET Modules

Table 4. Major Players of SiC MOSFET Discretets

Table 5. Major Players of SiC Diode/SBD

Table 6. Major Players of Others (SiC JFETs & FETs)

Table 7. Global Silicon Carbide (SiC) Semiconductor Devices Sales by Type (2020-2025) & (K Units)

Table 8. Global Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Type (2020-2025)

Table 9. Global Silicon Carbide (SiC) Semiconductor Devices Revenue by Type (2020-2025) & (\$ million)

Table 10. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Type (2020-2025)

Table 11. Global Silicon Carbide (SiC) Semiconductor Devices Sale Price by Type (2020-2025) & (USD/Unit)

Table 12. Global Silicon Carbide (SiC) Semiconductor Devices Sale by Application (2020-2025) & (K Units)

Table 13. Global Silicon Carbide (SiC) Semiconductor Devices Sale Market Share by Application (2020-2025)

Table 14. Global Silicon Carbide (SiC) Semiconductor Devices Revenue by Application (2020-2025) & (\$ million)

Table 15. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Application (2020-2025)

Table 16. Global Silicon Carbide (SiC) Semiconductor Devices Sale Price by Application (2020-2025) & (USD/Unit)

Table 17. Global Silicon Carbide (SiC) Semiconductor Devices Sales by Company (2020-2025) & (K Units)

Table 18. Global Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Company (2020-2025)

Table 19. Global Silicon Carbide (SiC) Semiconductor Devices Revenue by Company (2020-2025) & (\$ millions)

Table 20. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share

by Company (2020-2025)

Table 21. Global Silicon Carbide (SiC) Semiconductor Devices Sale Price by Company (2020-2025) & (USD/Unit)

Table 22. Key Manufacturers Silicon Carbide (SiC) Semiconductor Devices Producing Area Distribution and Sales Area

Table 23. Players Silicon Carbide (SiC) Semiconductor Devices Products Offered

Table 24. Silicon Carbide (SiC) Semiconductor Devices Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 25. New Products and Potential Entrants

Table 26. Market M&A Activity & Strategy

Table 27. Global Silicon Carbide (SiC) Semiconductor Devices Sales by Geographic Region (2020-2025) & (K Units)

Table 28. Global Silicon Carbide (SiC) Semiconductor Devices Sales Market Share Geographic Region (2020-2025)

Table 29. Global Silicon Carbide (SiC) Semiconductor Devices Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 30. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Geographic Region (2020-2025)

Table 31. Global Silicon Carbide (SiC) Semiconductor Devices Sales by Country/Region (2020-2025) & (K Units)

Table 32. Global Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Country/Region (2020-2025)

Table 33. Global Silicon Carbide (SiC) Semiconductor Devices Revenue by Country/Region (2020-2025) & (\$ millions)

Table 34. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Country/Region (2020-2025)

Table 35. Americas Silicon Carbide (SiC) Semiconductor Devices Sales by Country (2020-2025) & (K Units)

Table 36. Americas Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Country (2020-2025)

Table 37. Americas Silicon Carbide (SiC) Semiconductor Devices Revenue by Country (2020-2025) & (\$ millions)

Table 38. Americas Silicon Carbide (SiC) Semiconductor Devices Sales by Type (2020-2025) & (K Units)

Table 39. Americas Silicon Carbide (SiC) Semiconductor Devices Sales by Application (2020-2025) & (K Units)

Table 40. APAC Silicon Carbide (SiC) Semiconductor Devices Sales by Region (2020-2025) & (K Units)

Table 41. APAC Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by

## Region (2020-2025)

Table 42. APAC Silicon Carbide (SiC) Semiconductor Devices Revenue by Region (2020-2025) & (\$ millions)

Table 43. APAC Silicon Carbide (SiC) Semiconductor Devices Sales by Type (2020-2025) & (K Units)

Table 44. APAC Silicon Carbide (SiC) Semiconductor Devices Sales by Application (2020-2025) & (K Units)

Table 45. Europe Silicon Carbide (SiC) Semiconductor Devices Sales by Country (2020-2025) & (K Units)

Table 46. Europe Silicon Carbide (SiC) Semiconductor Devices Revenue by Country (2020-2025) & (\$ millions)

Table 47. Europe Silicon Carbide (SiC) Semiconductor Devices Sales by Type (2020-2025) & (K Units)

Table 48. Europe Silicon Carbide (SiC) Semiconductor Devices Sales by Application (2020-2025) & (K Units)

Table 49. Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Sales by Country (2020-2025) & (K Units)

Table 50. Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Country (2020-2025)

Table 51. Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Sales by Type (2020-2025) & (K Units)

Table 52. Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Sales by Application (2020-2025) & (K Units)

Table 53. Key Market Drivers & Growth Opportunities of Silicon Carbide (SiC) Semiconductor Devices

Table 54. Key Market Challenges & Risks of Silicon Carbide (SiC) Semiconductor Devices

Table 55. Key Industry Trends of Silicon Carbide (SiC) Semiconductor Devices

Table 56. Silicon Carbide (SiC) Semiconductor Devices Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Silicon Carbide (SiC) Semiconductor Devices Distributors List

Table 59. Silicon Carbide (SiC) Semiconductor Devices Customer List

Table 60. Global Silicon Carbide (SiC) Semiconductor Devices Sales Forecast by Region (2026-2031) & (K Units)

Table 61. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 62. Americas Silicon Carbide (SiC) Semiconductor Devices Sales Forecast by Country (2026-2031) & (K Units)

Table 63. Americas Silicon Carbide (SiC) Semiconductor Devices Annual Revenue

Forecast by Country (2026-2031) & (\$ millions)

Table 64. APAC Silicon Carbide (SiC) Semiconductor Devices Sales Forecast by Region (2026-2031) & (K Units)

Table 65. APAC Silicon Carbide (SiC) Semiconductor Devices Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 66. Europe Silicon Carbide (SiC) Semiconductor Devices Sales Forecast by Country (2026-2031) & (K Units)

Table 67. Europe Silicon Carbide (SiC) Semiconductor Devices Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Sales Forecast by Country (2026-2031) & (K Units)

Table 69. Middle East & Africa Silicon Carbide (SiC) Semiconductor Devices Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 70. Global Silicon Carbide (SiC) Semiconductor Devices Sales Forecast by Type (2026-2031) & (K Units)

Table 71. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 72. Global Silicon Carbide (SiC) Semiconductor Devices Sales Forecast by Application (2026-2031) & (K Units)

Table 73. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 74. STMicroelectronics Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 75. STMicroelectronics Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 76. STMicroelectronics Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. STMicroelectronics Main Business

Table 78. STMicroelectronics Latest Developments

Table 79. Infineon Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 80. Infineon Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 81. Infineon Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 82. Infineon Main Business

Table 83. Infineon Latest Developments

Table 84. Wolfspeed Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 85. Wolfspeed Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 86. Wolfspeed Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 87. Wolfspeed Main Business

Table 88. Wolfspeed Latest Developments

Table 89. Rohm Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 90. Rohm Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 91. Rohm Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 92. Rohm Main Business

Table 93. Rohm Latest Developments

Table 94. onsemi Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 95. onsemi Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 96. onsemi Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 97. onsemi Main Business

Table 98. onsemi Latest Developments

Table 99. BYD Semiconductor Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 100. BYD Semiconductor Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 101. BYD Semiconductor Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 102. BYD Semiconductor Main Business

Table 103. BYD Semiconductor Latest Developments

Table 104. Microchip (Microsemi) Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 105. Microchip (Microsemi) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 106. Microchip (Microsemi) Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 107. Microchip (Microsemi) Main Business

Table 108. Microchip (Microsemi) Latest Developments

Table 109. Mitsubishi Electric (Vincotech) Basic Information, Silicon Carbide (SiC)

Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 110. Mitsubishi Electric (Vincotech) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 111. Mitsubishi Electric (Vincotech) Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 112. Mitsubishi Electric (Vincotech) Main Business

Table 113. Mitsubishi Electric (Vincotech) Latest Developments

Table 114. Semikron Danfoss Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 115. Semikron Danfoss Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 116. Semikron Danfoss Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 117. Semikron Danfoss Main Business

Table 118. Semikron Danfoss Latest Developments

Table 119. Fuji Electric Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 120. Fuji Electric Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 121. Fuji Electric Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 122. Fuji Electric Main Business

Table 123. Fuji Electric Latest Developments

Table 124. Navitas (GeneSiC) Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 125. Navitas (GeneSiC) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 126. Navitas (GeneSiC) Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 127. Navitas (GeneSiC) Main Business

Table 128. Navitas (GeneSiC) Latest Developments

Table 129. Toshiba Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 130. Toshiba Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 131. Toshiba Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 132. Toshiba Main Business

Table 133. Toshiba Latest Developments

Table 134. Qorvo (UnitedSiC) Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 135. Qorvo (UnitedSiC) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 136. Qorvo (UnitedSiC) Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 137. Qorvo (UnitedSiC) Main Business

Table 138. Qorvo (UnitedSiC) Latest Developments

Table 139. San'an Optoelectronics Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 140. San'an Optoelectronics Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 141. San'an Optoelectronics Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 142. San'an Optoelectronics Main Business

Table 143. San'an Optoelectronics Latest Developments

Table 144. Littelfuse (IXYS) Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 145. Littelfuse (IXYS) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 146. Littelfuse (IXYS) Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 147. Littelfuse (IXYS) Main Business

Table 148. Littelfuse (IXYS) Latest Developments

Table 149. CETC 55 Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 150. CETC 55 Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 151. CETC 55 Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 152. CETC 55 Main Business

Table 153. CETC 55 Latest Developments

Table 154. WeEn Semiconductors Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 155. WeEn Semiconductors Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 156. WeEn Semiconductors Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 157. WeEn Semiconductors Main Business

- Table 158. WeEn Semiconductors Latest Developments
- Table 159. BASiC Semiconductor Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors
- Table 160. BASiC Semiconductor Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- Table 161. BASiC Semiconductor Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 162. BASiC Semiconductor Main Business
- Table 163. BASiC Semiconductor Latest Developments
- Table 164. SemiQ Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors
- Table 165. SemiQ Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- Table 166. SemiQ Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 167. SemiQ Main Business
- Table 168. SemiQ Latest Developments
- Table 169. Diodes Incorporated Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors
- Table 170. Diodes Incorporated Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- Table 171. Diodes Incorporated Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 172. Diodes Incorporated Main Business
- Table 173. Diodes Incorporated Latest Developments
- Table 174. SanRex Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors
- Table 175. SanRex Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- Table 176. SanRex Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 177. SanRex Main Business
- Table 178. SanRex Latest Developments
- Table 179. Alpha & Omega Semiconductor Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors
- Table 180. Alpha & Omega Semiconductor Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- Table 181. Alpha & Omega Semiconductor Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin

(2020-2025)

Table 182. Alpha & Omega Semiconductor Main Business

Table 183. Alpha & Omega Semiconductor Latest Developments

Table 184. Bosch Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 185. Bosch Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 186. Bosch Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 187. Bosch Main Business

Table 188. Bosch Latest Developments

Table 189. KEC Corporation Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 190. KEC Corporation Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 191. KEC Corporation Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 192. KEC Corporation Main Business

Table 193. KEC Corporation Latest Developments

Table 194. PANJIT Group Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 195. PANJIT Group Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 196. PANJIT Group Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 197. PANJIT Group Main Business

Table 198. PANJIT Group Latest Developments

Table 199. Nexperia Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 200. Nexperia Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 201. Nexperia Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 202. Nexperia Main Business

Table 203. Nexperia Latest Developments

Table 204. Vishay Intertechnology Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 205. Vishay Intertechnology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

- Table 206. Vishay Intertechnology Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 207. Vishay Intertechnology Main Business
- Table 208. Vishay Intertechnology Latest Developments
- Table 209. Zhuzhou CRRC Times Electric Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors
- Table 210. Zhuzhou CRRC Times Electric Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- Table 211. Zhuzhou CRRC Times Electric Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 212. Zhuzhou CRRC Times Electric Main Business
- Table 213. Zhuzhou CRRC Times Electric Latest Developments
- Table 214. China Resources Microelectronics Limited Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors
- Table 215. China Resources Microelectronics Limited Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- Table 216. China Resources Microelectronics Limited Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 217. China Resources Microelectronics Limited Main Business
- Table 218. China Resources Microelectronics Limited Latest Developments
- Table 219. StarPower Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors
- Table 220. StarPower Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- Table 221. StarPower Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 222. StarPower Main Business
- Table 223. StarPower Latest Developments
- Table 224. Yangzhou Yangjie Electronic Technology Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors
- Table 225. Yangzhou Yangjie Electronic Technology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications
- Table 226. Yangzhou Yangjie Electronic Technology Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 227. Yangzhou Yangjie Electronic Technology Main Business
- Table 228. Yangzhou Yangjie Electronic Technology Latest Developments
- Table 229. Guangdong AccoPower Semiconductor Basic Information, Silicon Carbide

(SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 230. Guangdong AccoPower Semiconductor Silicon Carbide (SiC)

Semiconductor Devices Product Portfolios and Specifications

Table 231. Guangdong AccoPower Semiconductor Silicon Carbide (SiC)

Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 232. Guangdong AccoPower Semiconductor Main Business

Table 233. Guangdong AccoPower Semiconductor Latest Developments

Table 234. Changzhou Galaxy Century Microelectronics Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 235. Changzhou Galaxy Century Microelectronics Silicon Carbide (SiC)

Semiconductor Devices Product Portfolios and Specifications

Table 236. Changzhou Galaxy Century Microelectronics Silicon Carbide (SiC)

Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 237. Changzhou Galaxy Century Microelectronics Main Business

Table 238. Changzhou Galaxy Century Microelectronics Latest Developments

Table 239. Hangzhou Silan Microelectronics Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 240. Hangzhou Silan Microelectronics Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 241. Hangzhou Silan Microelectronics Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 242. Hangzhou Silan Microelectronics Main Business

Table 243. Hangzhou Silan Microelectronics Latest Developments

Table 244. Cissoid Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 245. Cissoid Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 246. Cissoid Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 247. Cissoid Main Business

Table 248. Cissoid Latest Developments

Table 249. SK powertech Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 250. SK powertech Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 251. SK powertech Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 252. SK powertech Main Business

Table 253. SK powertech Latest Developments

Table 254. InventChip Technology Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 255. InventChip Technology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 256. InventChip Technology Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 257. InventChip Technology Main Business

Table 258. InventChip Technology Latest Developments

Table 259. Hebei Sinopack Electronic Technology Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 260. Hebei Sinopack Electronic Technology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 261. Hebei Sinopack Electronic Technology Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 262. Hebei Sinopack Electronic Technology Main Business

Table 263. Hebei Sinopack Electronic Technology Latest Developments

Table 264. Oriental Semiconductor Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 265. Oriental Semiconductor Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 266. Oriental Semiconductor Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 267. Oriental Semiconductor Main Business

Table 268. Oriental Semiconductor Latest Developments

Table 269. Jilin Sino-Microelectronics Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 270. Jilin Sino-Microelectronics Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 271. Jilin Sino-Microelectronics Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 272. Jilin Sino-Microelectronics Main Business

Table 273. Jilin Sino-Microelectronics Latest Developments

Table 274. PN Junction Semiconductor (Hangzhou) Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 275. PN Junction Semiconductor (Hangzhou) Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 276. PN Junction Semiconductor (Hangzhou) Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 277. PN Junction Semiconductor (Hangzhou) Main Business

Table 278. PN Junction Semiconductor (Hangzhou) Latest Developments

Table 279. United Nova Technology Basic Information, Silicon Carbide (SiC) Semiconductor Devices Manufacturing Base, Sales Area and Its Competitors

Table 280. United Nova Technology Silicon Carbide (SiC) Semiconductor Devices Product Portfolios and Specifications

Table 281. United Nova Technology Silicon Carbide (SiC) Semiconductor Devices Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 282. United Nova Technology Main Business

Table 283. United Nova Technology Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Silicon Carbide (SiC) Semiconductor Devices
- Figure 2. Silicon Carbide (SiC) Semiconductor Devices Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Silicon Carbide (SiC) Semiconductor Devices Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Silicon Carbide (SiC) Semiconductor Devices Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Country/Region (2024)
- Figure 10. Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of SiC MOSFET Modules
- Figure 12. Product Picture of SiC MOSFET Discrettes
- Figure 13. Product Picture of SiC Diode/SBD
- Figure 14. Product Picture of Others (SiC JFETs & FETs)
- Figure 15. Global Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Type in 2025
- Figure 16. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Type (2020-2025)
- Figure 17. Silicon Carbide (SiC) Semiconductor Devices Consumed in Automotive & EV/HEV
- Figure 18. Global Silicon Carbide (SiC) Semiconductor Devices Market: Automotive & EV/HEV (2020-2025) & (K Units)
- Figure 19. Silicon Carbide (SiC) Semiconductor Devices Consumed in EV Charging
- Figure 20. Global Silicon Carbide (SiC) Semiconductor Devices Market: EV Charging (2020-2025) & (K Units)
- Figure 21. Silicon Carbide (SiC) Semiconductor Devices Consumed in Industrial Motor/Drive
- Figure 22. Global Silicon Carbide (SiC) Semiconductor Devices Market: Industrial Motor/Drive (2020-2025) & (K Units)
- Figure 23. Silicon Carbide (SiC) Semiconductor Devices Consumed in PV, Energy

Storage, Wind Power

Figure 24. Global Silicon Carbide (SiC) Semiconductor Devices Market: PV, Energy Storage, Wind Power (2020-2025) & (K Units)

Figure 25. Silicon Carbide (SiC) Semiconductor Devices Consumed in UPS, Data Center & Server

Figure 26. Global Silicon Carbide (SiC) Semiconductor Devices Market: UPS, Data Center & Server (2020-2025) & (K Units)

Figure 27. Silicon Carbide (SiC) Semiconductor Devices Consumed in Rail Transport

Figure 28. Global Silicon Carbide (SiC) Semiconductor Devices Market: Rail Transport (2020-2025) & (K Units)

Figure 29. Silicon Carbide (SiC) Semiconductor Devices Consumed in Others

Figure 30. Global Silicon Carbide (SiC) Semiconductor Devices Market: Others (2020-2025) & (K Units)

Figure 31. Global Silicon Carbide (SiC) Semiconductor Devices Sale Market Share by Application (2024)

Figure 32. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Application in 2025

Figure 33. Silicon Carbide (SiC) Semiconductor Devices Sales by Company in 2025 (K Units)

Figure 34. Global Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Company in 2025

Figure 35. Silicon Carbide (SiC) Semiconductor Devices Revenue by Company in 2025 (\$ millions)

Figure 36. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Company in 2025

Figure 37. Global Silicon Carbide (SiC) Semiconductor Devices Sales Market Share by Geographic Region (2020-2025)

Figure 38. Global Silicon Carbide (SiC) Semiconductor Devices Revenue Market Share by Geographic Region in 2025

Figure 39. Americas Silicon Carbide (SiC) Semiconductor Devices Sales 2020-2025 (K Units)

Figure 40. Americas Silicon Carbide (SiC) Semic

## I would like to order

Product name: Global Silicon Carbide (SiC) Semiconductor Devices Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/GB30A5231755EN.html>

Price: US\$ 3,660.00 (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/GB30A5231755EN.html>