

Silicon Carbide (SiC) Semiconductor Materials and Devices Market Research: Global Status & Forecast by Geography, Type & Application (2015-2025)

<https://marketpublishers.com/r/SD5892D7434EN.html>

Date: May 2019

Pages: 56

Price: US\$ 2,280.00 (Single User License)

ID: SD5892D7434EN

Abstracts

According to 99Strategy, the Global Silicon Carbide (SiC) Semiconductor Materials and Devices Market is estimated to reach xxx million USD in 2019 and projected to grow at the CAGR of xx% during the 2020-2025. The report analyses the global Silicon Carbide (SiC) Semiconductor Materials and Devices market, the market size and growth, as well as the major market participants.

The analysis includes market size, upstream situation, market segmentation, market segmentation, price & cost and industry environment. In addition, the report outlines the factors driving industry growth and the description of market channels. The report begins from overview of industrial chain structure, and describes the upstream. Besides, the report analyses market size and forecast in different geographies, type and end-use segment, in addition, the report introduces market competition overview among the major companies and companies profiles, besides, market price and channel features are covered in the report.

Key Regions

Asia Pacific

North America

Europe

South America

Middle East & Africa

Key Companies

Cree Incorporated

Fairchild Semiconductor International Inc

Genesic Semiconductor Inc

Infineon Technologies Ag

Microsemi Corporation

Norstel AB

Renesas Electronics Corporation

ROHM Co Ltd

STMicroelectronics N.V

Toshiba Corporation

Key Product Type

SIC Power Semiconductors

SIC Power Semiconductor Devices

SIC Power Diode Nodes

Market by Application

Automotive

Aerospace and Defense

Computers

Consumer Electronics

Industrial

Healthcare

Power Sector

Solar

Main Aspects covered in the Report

Overview of the Silicon Carbide (SiC) Semiconductor Materials and Devices market including production, consumption, status & forecast and market growth

2015-2018 historical data and 2019-2025 market forecast

Geographical analysis including major countries

Overview the product type market including development

Overview the end-user market including development

Contents

1 INDUSTRIAL CHAIN OVERVIEW

- 1.1 Silicon Carbide (SiC) Semiconductor Materials and Devices Industry
 - 1.1.1 Overview
 - 1.1.2 Characteristics of Silicon Carbide (SiC) Semiconductor Materials and Devices
- 1.2 Upstream
 - 1.2.1 Major Materials
 - 1.2.2 Manufacturing Overview
- 1.3 Product List By Type
 - 1.3.1 SIC Power Semiconductors
 - 1.3.2 SIC Power Semiconductor Devices
 - 1.3.3 SIC Power Diode Nodes
- 1.4 End-Use List
 - 1.4.1 Demand in Automotive
 - 1.4.2 Demand in Aerospace and Defense
 - 1.4.3 Demand in Computers
 - 1.4.4 Demand in Consumer Electronics
 - 1.4.5 Demand in Industrial
 - 1.4.6 Demand in Healthcare
 - 1.4.7 Demand in Power Sector
 - 1.4.8 Demand in Solar
- 1.5 Global Market Overview
 - 1.5.1 Global Market Size and Forecast, 2015-2025
 - 1.5.2 Global Market Size and Forecast by Geography with CAGR, 2015-2025
 - 1.5.3 Global Market Size and Forecast by Product Type with CAGR, 2015-2025
 - 1.5.4 Global Market Size and Forecast by End-Use with CAGR, 2015-2025

2 GLOBAL PRODUCTION & CONSUMPTION BY GEOGRAPHY

- 2.1 Global Production & Consumption
 - 2.1.1 Global Production
 - 2.1.2 Global Consumption
- 2.2 Geographic Production & Consumption
 - 2.2.1 Production
 - 2.2.1.1 Asia-Pacific
 - 2.2.1.2 North America
 - 2.2.1.3 South America

- 2.2.1.4 Europe
- 2.2.1.5 Middle East & Africa
- 2.2.2 Consumption
 - 2.2.2.1 Asia-Pacific
 - 2.2.2.2 North America
 - 2.2.2.3 South America
 - 2.2.2.4 Europe
 - 2.2.2.5 Middle East & Africa

3 MAJOR MANUFACTURERS INTRODUCTION

- 3.1 Manufacturers Overview
- 3.2 Manufacturers List
 - 3.2.1 Cree Incorporated Overview
 - 3.2.1.1 Product Specifications
 - 3.2.1.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
 - 3.2.1.3 Recent Developments
 - 3.2.1.4 Future Strategic Planning
 - 3.2.2 Fairchild Semiconductor International Inc Overview
 - 3.2.2.1 Product Specifications
 - 3.2.2.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
 - 3.2.2.3 Recent Developments
 - 3.2.2.4 Future Strategic Planning
 - 3.2.3 Genesic Semiconductor Inc Overview
 - 3.2.3.1 Product Specifications
 - 3.2.3.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
 - 3.2.3.3 Recent Developments
 - 3.2.3.4 Future Strategic Planning
 - 3.2.4 Infineon Technologies Ag Overview
 - 3.2.4.1 Product Specifications
 - 3.2.4.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
 - 3.2.4.3 Recent Developments
 - 3.2.4.4 Future Strategic Planning
 - 3.2.5 Microsemi Corporation Overview
 - 3.2.5.1 Product Specifications

- 3.2.5.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
- 3.2.5.3 Recent Developments
- 3.2.5.4 Future Strategic Planning
- 3.2.6 Norstel AB Overview
 - 3.2.6.1 Product Specifications
 - 3.2.6.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
 - 3.2.6.3 Recent Developments
 - 3.2.6.4 Future Strategic Planning
- 3.2.7 Renesas Electronics Corporation Overview
 - 3.2.7.1 Product Specifications
 - 3.2.7.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
 - 3.2.7.3 Recent Developments
 - 3.2.7.4 Future Strategic Planning
- 3.2.8 ROHM Co Ltd Overview
 - 3.2.8.1 Product Specifications
 - 3.2.8.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
 - 3.2.8.3 Recent Developments
 - 3.2.8.4 Future Strategic Planning
- 3.2.9 STMicroelectronics N.V Overview
 - 3.2.9.1 Product Specifications
 - 3.2.9.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
 - 3.2.9.3 Recent Developments
 - 3.2.9.4 Future Strategic Planning
- 3.2.10 Toshiba Corporation Overview
 - 3.2.10.1 Product Specifications
 - 3.2.10.2 Business Data (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Margin)
 - 3.2.10.3 Recent Developments
 - 3.2.10.4 Future Strategic Planning

4 MARKET COMPETITION PATTERN

- 4.1 Market Size and Sketch
- 4.2 Company Market Share

- 4.2.1 Global Production by Major Manufacturers
- 4.2.2 Market Concentration Analysis
- 4.3 Market News and Trend
 - 4.3.1 Merger & Acquisition
 - 4.3.2 New Product Launch

5 PRODUCT TYPE SEGMENT

- 5.1 Global Overview by Product Type Segment
- 5.2 Segment Subdivision by Product Type
 - 5.2.1 Market in SIC Power Semiconductors
 - 5.2.1.1 Market Size
 - 5.2.1.2 Situation & Development
 - 5.2.2 Market in SIC Power Semiconductor Devices
 - 5.2.2.1 Market Size
 - 5.2.2.2 Situation & Development
 - 5.2.3 Market in SIC Power Diode Nodes
 - 5.2.3.1 Market Size
 - 5.2.3.2 Situation & Development

6 END-USE SEGMENT

- 6.1 Global Overview by End-Use Segment
- 6.2 Segment Subdivision
 - 6.2.1 Market in Automotive
 - 6.2.1.1 Market Size
 - 6.2.1.2 Situation & Development
 - 6.2.2 Market in Aerospace and Defense
 - 6.2.2.1 Market Size
 - 6.2.2.2 Situation & Development
 - 6.2.3 Market in Computers
 - 6.2.3.1 Market Size
 - 6.2.3.2 Situation & Development
 - 6.2.4 Market in Consumer Electronics
 - 6.2.4.1 Market Size
 - 6.2.4.2 Situation & Development
 - 6.2.5 Market in Industrial
 - 6.2.5.1 Market Size
 - 6.2.5.2 Situation & Development

6.2.6 Market in Healthcare

6.2.6.1 Market Size

6.2.6.2 Situation & Development

6.2.7 Market in Power Sector

6.2.7.1 Market Size

6.2.7.2 Situation & Development

6.2.8 Market in Solar

6.2.8.1 Market Size

6.2.8.2 Situation & Development

7 MARKET FORECAST & TREND

7.1 Regional Forecast

7.2 Consumption Forecast

7.2.1 Product Type Forecast

7.2.2 End-Use Forecast

7.3 Investment Trend

7.4 Consumption Trend

8 PRICE & CHANNEL

8.1 Price and Cost

8.1.1 Price

8.1.2 Cost

8.2 Channel Segment

9 MARKET DRIVERS & INVESTMENT ENVIRONMENT

9.1 Market Drivers

9.2 Investment Environment

10 RESEARCH CONCLUSION

List Of Tables

LIST OF TABLES

Table Global Market Size and Forecast by Geography with Growth Rate, 2015-2025

Table Global Market Size and Forecast by Type with Growth Rate, 2015-2025

Table Global Market Size and Forecast by End-Use with Growth Rate, 2015-2025

Table Global Production Volume Status and Growth Rate by Geography, 2015-2018, in Volume

Table Global Production Amount Status and Growth Rate by Geography, 2015-2018, in Million USD

Table Global Market Volume and Growth Rate by Geography, 2015-2018, in Volume

Table Global Market Amount and Growth Rate by Geography, 2015-2018, in Million USD

Table Asia-Pacific Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table North America Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table North America Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table South America Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table South America Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table Europe Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table Middle East & Africa Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table Asia-Pacific Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table Asia-Pacific Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table North America Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table North America Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table South America Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table Europe Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Middle East & Africa Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table Middle East & Africa Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Capacity List in 2018

Table Cree Incorporated Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation of Cree Incorporated (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Fairchild Semiconductor International Inc Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation of Fairchild Semiconductor International Inc (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Genesic Semiconductor Inc Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation of Genesic Semiconductor Inc (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Infineon Technologies Ag Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation of Infineon Technologies Ag (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Microsemi Corporation Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation of Microsemi Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Norstel AB Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation of Norstel AB (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Renesas Electronics Corporation Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation

of Renesas Electronics Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table ROHM Co Ltd Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation of ROHM Co Ltd (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table STMicroelectronics N.V Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation of STMicroelectronics N.V (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Toshiba Corporation Overview List

Table Silicon Carbide (SiC) Semiconductor Materials and Devices Business Operation of Toshiba Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Global Production Volume List by Manufacturers, 2015-2018, in Volume

Table Global Production Volume Share List by Manufacturers, 2015-2018, in Volume

Table Global Production Amount List by Manufacturers, 2015-2018, in Million USD

Table Global Production Amount Share List by Manufacturers, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment 2015-2018, in Volume

Table Global Market Status and Growth Rate by End-Use Segment, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment 2015-2018, in Volume

Table Global Market Forecast by Region Segment 2019-2025, in Million USD

Table Global Market Forecast by Region Segment 2019-2025, in Volume

Table Global Market Amount by Product Type Segment 2019-2025, in Million USD

Table Global Market Volume by Product Type Segment 2019-2025, in Volume

Table Global Market Amount by End-Use Segment 2019-2025, in Million USD

Table Global Market Volume by End-Use Segment 2019-2025, in Volume

List Of Figures

LIST OF FIGURES

Figure Silicon Carbide (SiC) Semiconductor Materials and Devices Picture List

Figure Global Market Size and Forecast with Growth Rate, 2015-2025

Figure Global Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure Global Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure Global Market Volume and Growth Rate, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Asia-Pacific Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure Asia-Pacific Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure North America Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure North America Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure South America Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure South America Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure Europe Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure Europe Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure Middle East & Africa Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure Middle East & Africa Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure Asia-Pacific Market Volume and Growth Rate, 2015-2018, in Volume

Figure Asia-Pacific Market Amount and Growth Rate, 2015-2018, in Million USD

Figure North America Market Volume and Growth Rate, 2015-2018, in Volume

Figure North America Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Europe Market Volume and Growth Rate, 2015-2018, in Volume

Figure South America Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Europe Market Volume and Growth Rate, 2015-2018, in Volume

Figure Europe Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Middle East & Africa Market Volume and Growth Rate, 2015-2018, in Volume

Figure Middle East & Africa Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Global Production Volume Share by Manufacturers in 2019, in Volume

Figure Global Production Amount Share by Manufacturers in 2019, in Million USD

Figure Global Market Amount and Growth Rate in SIC Power Semiconductors, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in SIC Power Semiconductors, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in SIC Power Semiconductor Devices, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in SIC Power Semiconductor Devices, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in SIC Power Diode Nodes, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in SIC Power Diode Nodes, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Automotive, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Automotive, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Aerospace and Defense, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Aerospace and Defense, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Computers, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Computers, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Consumer Electronics, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Consumer Electronics, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Industrial, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Industrial, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Healthcare, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Healthcare, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Power Sector, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Power Sector, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Solar, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Solar, 2015-2018, in Volume

I would like to order

Product name: Silicon Carbide (SiC) Semiconductor Materials and Devices Market Research: Global Status & Forecast by Geography, Type & Application (2015-2025)

Product link: <https://marketpublishers.com/r/SD5892D7434EN.html>

Price: US\$ 2,280.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SD5892D7434EN.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

