

Global Silicon Carbide (SiC) Power Devices Market Status, Trends and COVID-19 Impact Report 2021

https://marketpublishers.com/r/G6F07127237AEN.html

Date: March 2022

Pages: 121

Price: US\$ 2,350.00 (Single User License)

ID: G6F07127237AEN

Abstracts

In the past few years, the Silicon Carbide (SiC) Power Devices market experienced a huge change under the influence of COVID-19, the global market size of Silicon Carbide (SiC) Power Devices reached (2021 Market size XXXX) million \$ in 2021 from (2016 Market size XXXX) in 2016 with a CAGR of xxx from 2016-2021 is. As of now, the global COVID-19 Coronavirus Cases have exceeded 200 million, and the global epidemic has been basically under control, therefore, the World Bank has estimated the global economic growth in 2021 and 2022. The World Bank predicts that the global economic output is expected to expand 4 percent in 2021 while 3.8 percent in 2022. According to our research on Silicon Carbide (SiC) Power Devices market and global economic environment, we forecast that the global market size of Silicon Carbide (SiC) Power Devices will reach (2026 Market size XXXX) million \$ in 2026 with a CAGR of % from 2021-2026.

Due to the COVID-19 pandemic, according to World Bank statistics, global GDP has shrunk by about 3.5% in 2020. Entering 2021, Economic activity in many countries has started to recover and partially adapted to pandemic restrictions. The research and development of vaccines has made breakthrough progress, and many governments have also issued various policies to stimulate economic recovery, particularly in the United States, is likely to provide a strong boost to economic activity but prospects for sustainable growth vary widely between countries and sectors. Although the global economy is recovering from the great depression caused by COVID-19, it will remain below pre-pandemic trends for a prolonged period. The pandemic has exacerbated the risks associated with the decade-long wave of global debt accumulation. It is also likely to steepen the long-expected slowdown in potential growth over the next decade.

The world has entered the COVID-19 epidemic recovery period. In this complex



economic environment, we published the Global Silicon Carbide (SiC) Power Devices Market Status, Trends and COVID-19 Impact Report 2021, which provides a comprehensive analysis of the global Silicon Carbide (SiC) Power Devices market , This Report covers the manufacturer data, including: sales volume, price, revenue, gross margin, business distribution etc., these data help the consumer know about the competitors better. This report also covers all the regions and countries of the world, which shows the regional development status, including market size, volume and value, as well as price data. Besides, the report also covers segment data, including: type wise, industry wise, channel wise etc. all the data period is from 2015-2021E, this report also provide forecast data from 2021-2026.

Section 1: 100 USD——Market Overview

Section (2 3): 1200 USD --- Manufacturer Detail

Infineon Technologies

Cree

Mitsubishi Electric

ON Semiconductor

ROHM Semiconductor

STMicroelectronics

Toshiba

Section 4: 900 USD——Region Segmentation

North America (United States, Canada, Mexico)

South America (Brazil, Argentina, Other)

Asia Pacific (China, Japan, India, Korea, Southeast Asia)

Europe (Germany, UK, France, Spain, Italy)

Middle East and Africa (Middle East, Africa)

Section (5 6 7): 700 USD----

Product Type Segmentation

Diodes

Modules

Transistors

Application Segmentation

EV/HEVs

PV Inverters

UPS & PS



Channel (Direct Sales, Distribution Channel) Segmentation

Section 8: 500 USD—Market Forecast (2021-2026)

Section 9: 600 USD——Downstream Customers

Section 10: 200 USD——Raw Material and Manufacturing Cost

Section 11: 500 USD——Conclusion

Section 12: Research Method and Data Source



Contents

SECTION 1 SILICON CARBIDE (SIC) POWER DEVICES MARKET OVERVIEW

- 1.1 Silicon Carbide (SiC) Power Devices Market Scope
- 1.2 COVID-19 Impact on Silicon Carbide (SiC) Power Devices Market
- 1.3 Global Silicon Carbide (SiC) Power Devices Market Status and Forecast Overview
 - 1.3.1 Global Silicon Carbide (SiC) Power Devices Market Status 2016-2021
 - 1.3.2 Global Silicon Carbide (SiC) Power Devices Market Forecast 2021-2026

SECTION 2 GLOBAL SILICON CARBIDE (SIC) POWER DEVICES MARKET MANUFACTURER SHARE

- 2.1 Global Manufacturer Silicon Carbide (SiC) Power Devices Sales Volume
- 2.2 Global Manufacturer Silicon Carbide (SiC) Power Devices Business Revenue

SECTION 3 MANUFACTURER SILICON CARBIDE (SIC) POWER DEVICES BUSINESS INTRODUCTION

- 3.1 Infineon Technologies Silicon Carbide (SiC) Power Devices Business Introduction
- 3.1.1 Infineon Technologies Silicon Carbide (SiC) Power Devices Sales Volume, Price, Revenue and Gross margin 2016-2021
- 3.1.2 Infineon Technologies Silicon Carbide (SiC) Power Devices Business Distribution by Region
 - 3.1.3 Infineon Technologies Interview Record
 - 3.1.4 Infineon Technologies Silicon Carbide (SiC) Power Devices Business Profile
- 3.1.5 Infineon Technologies Silicon Carbide (SiC) Power Devices Product Specification
- 3.2 Cree Silicon Carbide (SiC) Power Devices Business Introduction
- 3.2.1 Cree Silicon Carbide (SiC) Power Devices Sales Volume, Price, Revenue and Gross margin 2016-2021
 - 3.2.2 Cree Silicon Carbide (SiC) Power Devices Business Distribution by Region
 - 3.2.3 Interview Record
 - 3.2.4 Cree Silicon Carbide (SiC) Power Devices Business Overview
 - 3.2.5 Cree Silicon Carbide (SiC) Power Devices Product Specification
- 3.3 Manufacturer three Silicon Carbide (SiC) Power Devices Business Introduction
- 3.3.1 Manufacturer three Silicon Carbide (SiC) Power Devices Sales Volume, Price, Revenue and Gross margin 2016-2021
- 3.3.2 Manufacturer three Silicon Carbide (SiC) Power Devices Business Distribution by



Region

- 3.3.3 Interview Record
- 3.3.4 Manufacturer three Silicon Carbide (SiC) Power Devices Business Overview
- 3.3.5 Manufacturer three Silicon Carbide (SiC) Power Devices Product Specification

SECTION 4 GLOBAL SILICON CARBIDE (SIC) POWER DEVICES MARKET SEGMENTATION (BY REGION)

- 4.1 North America Country
- 4.1.1 United States Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.1.2 Canada Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.1.3 Mexico Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.2 South America Country
- 4.2.1 Brazil Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.2.2 Argentina Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.3 Asia Pacific
- 4.3.1 China Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.3.2 Japan Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.3.3 India Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.3.4 Korea Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.3.5 Southeast Asia Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.4 Europe Country
- 4.4.1 Germany Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.4.2 UK Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.4.3 France Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.4.4 Spain Silicon Carbide (SiC) Power Devices Market Size and Price Analysis



2016-2021

- 4.4.5 Italy Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.5 Middle East and Africa
- 4.5.1 Africa Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.5.2 Middle East Silicon Carbide (SiC) Power Devices Market Size and Price Analysis 2016-2021
- 4.6 Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Region) Analysis 2016-2021
- 4.7 Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Region) Analysis

SECTION 5 GLOBAL SILICON CARBIDE (SIC) POWER DEVICES MARKET SEGMENTATION (BY PRODUCT TYPE)

- 5.1 Product Introduction by Type
 - 5.1.1 Diodes Product Introduction
 - 5.1.2 Modules Product Introduction
 - 5.1.3 Transistors Product Introduction
- 5.2 Global Silicon Carbide (SiC) Power Devices Sales Volume by Modules016-2021
- 5.3 Global Silicon Carbide (SiC) Power Devices Market Size by Modules016-2021
- 5.4 Different Silicon Carbide (SiC) Power Devices Product Type Price 2016-2021
- 5.5 Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Type) Analysis

SECTION 6 GLOBAL SILICON CARBIDE (SIC) POWER DEVICES MARKET SEGMENTATION (BY APPLICATION)

- 6.1 Global Silicon Carbide (SiC) Power Devices Sales Volume by Application 2016-2021
- 6.2 Global Silicon Carbide (SiC) Power Devices Market Size by Application 2016-2021
- 6.2 Silicon Carbide (SiC) Power Devices Price in Different Application Field 2016-2021
- 6.3 Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Application) Analysis

SECTION 7 GLOBAL SILICON CARBIDE (SIC) POWER DEVICES MARKET SEGMENTATION (BY CHANNEL)



- 7.1 Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Channel) Sales Volume and Share 2016-2021
- 7.2 Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Channel) Analysis

SECTION 8 SILICON CARBIDE (SIC) POWER DEVICES MARKET FORECAST 2021-2026

- 8.1 Silicon Carbide (SiC) Power Devices Segmentation Market Forecast 2021-2026 (By Region)
- 8.2 Silicon Carbide (SiC) Power Devices Segmentation Market Forecast 2021-2026 (By Type)
- 8.3 Silicon Carbide (SiC) Power Devices Segmentation Market Forecast 2021-2026 (By Application)
- 8.4 Silicon Carbide (SiC) Power Devices Segmentation Market Forecast 2021-2026 (By Channel)
- 8.5 Global Silicon Carbide (SiC) Power Devices Price Forecast

SECTION 9 SILICON CARBIDE (SIC) POWER DEVICES APPLICATION AND CLIENT ANALYSIS

- 9.1 EV/HEVs Customers
- 9.2 PV Inverters Customers
- 9.3 UPS & PS Customers

SECTION 10 SILICON CARBIDE (SIC) POWER DEVICES MANUFACTURING COST OF ANALYSIS

- 11.0 Raw Material Cost Analysis
- 11.0 Labor Cost Analysis
- 11.0 Cost Overview

SECTION 11 CONCLUSION

SECTION 12 METHODOLOGY AND DATA SOURCE



Chart And Figure

CHART AND FIGURE

Figure Silicon Carbide (SiC) Power Devices Product Picture

Chart Global Silicon Carbide (SiC) Power Devices Market Size (with or without the impact of COVID-19)

Chart Global Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Growth Rate 2016-2021

Chart Global Silicon Carbide (SiC) Power Devices Market Size (Million \$) and Growth Rate 2016-2021

Chart Global Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Growth Rate 2021-2026

Chart Global Silicon Carbide (SiC) Power Devices Market Size (Million \$) and Growth Rate 2021-2026

Chart 2016-2021 Global Manufacturer Silicon Carbide (SiC) Power Devices Sales Volume (Units)

Chart 2016-2021 Global Manufacturer Silicon Carbide (SiC) Power Devices Sales Volume Share

Chart 2016-2021 Global Manufacturer Silicon Carbide (SiC) Power Devices Business Revenue (Million USD)

Chart 2016-2021 Global Manufacturer Silicon Carbide (SiC) Power Devices Business Revenue Share

Chart Infineon Technologies Silicon Carbide (SiC) Power Devices Sales Volume, Price, Revenue and Gross margin 2016-2021

Chart Infineon Technologies Silicon Carbide (SiC) Power Devices Business Distribution Chart Infineon Technologies Interview Record (Partly)

Chart Infineon Technologies Silicon Carbide (SiC) Power Devices Business Profile Table Infineon Technologies Silicon Carbide (SiC) Power Devices Product Specification Chart Cree Silicon Carbide (SiC) Power Devices Sales Volume, Price, Revenue and Gross margin 2016-2021

Chart Cree Silicon Carbide (SiC) Power Devices Business Distribution

Chart Cree Interview Record (Partly)

Chart Cree Silicon Carbide (SiC) Power Devices Business Overview

Table Cree Silicon Carbide (SiC) Power Devices Product Specification

Chart United States Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart United States Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021



Chart Canada Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Canada Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Mexico Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Mexico Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Brazil Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Brazil Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Argentina Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Argentina Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021

Chart China Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart China Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Japan Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Japan Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart India Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart India Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Korea Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Korea Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Southeast Asia Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Southeast Asia Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021

Chart Germany Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Germany Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart UK Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart UK Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart France Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart France Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Spain Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size



(Million \$) 2016-2021

Chart Spain Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Italy Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Italy Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Africa Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Africa Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021 Chart Middle East Silicon Carbide (SiC) Power Devices Sales Volume (Units) and Market Size (Million \$) 2016-2021

Chart Middle East Silicon Carbide (SiC) Power Devices Sales Price (USD/Unit) 2016-2021

Chart Global Silicon Carbide (SiC) Power Devices Market Segmentation Sales Volume (Units) by Region 2016-2021

Chart Global Silicon Carbide (SiC) Power Devices Market Segmentation Sales Volume (Units) Share by Region 2016-2021

Chart Global Silicon Carbide (SiC) Power Devices Market Segmentation Market size (Million \$) by Region 2016-2021

Chart Global Silicon Carbide (SiC) Power Devices Market Segmentation Market size (Million \$) Share by Region 2016-2021

Chart Diodes Product Figure

Chart Diodes Product Description

Chart Modules Product Figure

Chart Modules Product Description

Chart Transistors Product Figure

Chart Transistors Product Description

Chart Silicon Carbide (SiC) Power Devices Sales Volume (Units) by Modules016-2021

Chart Silicon Carbide (SiC) Power Devices Sales Volume (Units) Share by Type

Chart Silicon Carbide (SiC) Power Devices Market Size (Million \$) by Modules016-2021

Chart Silicon Carbide (SiC) Power Devices Market Size (Million \$) Share by

Modules016-2021

Chart Different Silicon Carbide (SiC) Power Devices Product Type Price (\$/Unit) 2016-2021

Chart Silicon Carbide (SiC) Power Devices Sales Volume (Units) by Application 2016-2021

Chart Silicon Carbide (SiC) Power Devices Sales Volume (Units) Share by Application Chart Silicon Carbide (SiC) Power Devices Market Size (Million \$) by Application 2016-2021

Chart Silicon Carbide (SiC) Power Devices Market Size (Million \$) Share by Application



2016-2021

Chart Silicon Carbide (SiC) Power Devices Price in Different Application Field 2016-2021

Chart Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Channel) Sales Volume (Units) 2016-2021

Chart Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Channel) Share 2016-2021

Chart Silicon Carbide (SiC) Power Devices Segmentation Market Sales Volume (Units) Forecast (by Region) 2021-2026

Chart Silicon Carbide (SiC) Power Devices Segmentation Market Sales Volume Forecast (By Region) Share 2021-2026

Chart Silicon Carbide (SiC) Power Devices Segmentation Market Size (Million USD) Forecast (By Region) 2021-2026

Chart Silicon Carbide (SiC) Power Devices Segmentation Market Size Forecast (By Region) Share 2021-2026

Chart Silicon Carbide (SiC) Power Devices Market Segmentation (By Type) Volume (Units) 2021-2026

Chart Silicon Carbide (SiC) Power Devices Market Segmentation (By Type) Volume (Units) Share 2021-2026

Chart Silicon Carbide (SiC) Power Devices Market Segmentation (By Type) Market Size (Million \$) 2021-2026

Chart Silicon Carbide (SiC) Power Devices Market Segmentation (By Type) Market Size (Million \$) 2021-2026

Chart Silicon Carbide (SiC) Power Devices Market Segmentation (By Application)

Market Size (Volume) 2021-2026

Chart Silicon Carbide (SiC) Power Devices Market Segmentation (By Application)

Market Size (Volume) Share 2021-2026

Chart Silicon Carbide (SiC) Power Devices Market Segmentation (By Application)

Market Size (Value) 2021-2026

Chart Silicon Carbide (SiC) Power Devices Market Segmentation (By Application)

Market Size (Value) Share 2021-2026

Chart Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Channel)

Sales Volume (Units) 2021-2026

Chart Global Silicon Carbide (SiC) Power Devices Market Segmentation (By Channel)

Share 2021-2026

Chart Global Silicon Carbide (SiC) Power Devices Price Forecast 2021-2026

Chart EV/HEVs Customers

Chart PV Inverters Customers

Chart UPS & PS Customers



I would like to order

Product name: Global Silicon Carbide (SiC) Power Devices Market Status, Trends and COVID-19 Impact

Report 2021

Product link: https://marketpublishers.com/r/G6F07127237AEN.html

Price: US\$ 2,350.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G6F07127237AEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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



