

Silicon Carbide (SiC) Semiconductor Devices Market - Global Outlook and Forecast 2022-2028

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Abstracts

Silicon Carbide (SiC) semiconductors are an innovative new option for power electronic designers looking for improved system efficiency, smaller form factor and higher operating temperature in products covering industrial, medical, mil-aerospace, aviation, and communication market segments.

This report contains market size and forecasts of Silicon Carbide (SiC) Semiconductor Devices in global, including the following market information:

Global Silicon Carbide (SiC) Semiconductor Devices Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Silicon Carbide (SiC) Semiconductor Devices Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Silicon Carbide (SiC) Semiconductor Devices companies in 2021 (%)

The global Silicon Carbide (SiC) Semiconductor Devices market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

SIC Diode Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Silicon Carbide (SiC) Semiconductor Devices include

STMicroelectronics, Cree(Wolfspeed), ROHM, Infineon Technologies, Microchip Technology Corporation, Toshiba Corporation and ON Semiconductor, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Silicon Carbide (SiC) Semiconductor Devices manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Silicon Carbide (SiC) Semiconductor Devices Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Silicon Carbide (SiC) Semiconductor Devices Market Segment Percentages, by Type, 2021 (%)

SIC Diode

SIC Transistor

Thyristors

Others

Global Silicon Carbide (SiC) Semiconductor Devices Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Silicon Carbide (SiC) Semiconductor Devices Market Segment Percentages, by Application, 2021 (%)

Automotive

Aerospace and Defense

Energy

Industrial & Communication

Consumer Electronics

Others

Global Silicon Carbide (SiC) Semiconductor Devices Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Silicon Carbide (SiC) Semiconductor Devices Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Silicon Carbide (SiC) Semiconductor Devices revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Silicon Carbide (SiC) Semiconductor Devices revenues share in global market, 2021 (%)

Key companies Silicon Carbide (SiC) Semiconductor Devices sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Silicon Carbide (SiC) Semiconductor Devices sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

STMicroelectronics

Cree(Wolfspeed)

ROHM

Infineon Technologies

Microchip Technology Corporation

Toshiba Corporation

ON Semiconductor

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