

# Global Silicon Carbide Devices for Automotive Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Silicon Carbide Devices for Automotive market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Silicon carbide electronics for the automotive industry

This report studies the global Silicon Carbide Devices for Automotive production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Carbide Devices for Automotive, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Silicon Carbide Devices for Automotive that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Silicon Carbide Devices for Automotive total production and demand, 2018-2029, (K Units)

Global Silicon Carbide Devices for Automotive total production value, 2018-2029, (USD Million)

Global Silicon Carbide Devices for Automotive production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Silicon Carbide Devices for Automotive consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Silicon Carbide Devices for Automotive domestic production, consumption, key domestic manufacturers and share

Global Silicon Carbide Devices for Automotive production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Silicon Carbide Devices for Automotive production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Silicon Carbide Devices for Automotive production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Silicon Carbide Devices for Automotive market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BYD, Wolfspeed, Infineon Technologies, STMicroelectronics, ROHM, ON Semiconductor, Littelfuse, Microchip and Mitsubishi Electric, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Silicon Carbide Devices for Automotive market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Silicon Carbide Devices for Automotive Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Silicon Carbide Devices for Automotive Market, Segmentation by Type

IGBT Module

MOSFET Module

Other

#### Global Silicon Carbide Devices for Automotive Market, Segmentation by Application

Car Charger

Electric Drive System

Other

#### Companies Profiled:

BYD

Wolfspeed

Infineon Technologies

STMicroelectronics

ROHM

ON Semiconductor

Littelfuse

Microchip

Mitsubishi Electric

GeneSiC Semiconductor Inc.

BASiC Semiconductor

ST

## Key Questions Answered

1. How big is the global Silicon Carbide Devices for Automotive market?
2. What is the demand of the global Silicon Carbide Devices for Automotive market?
3. What is the year over year growth of the global Silicon Carbide Devices for Automotive market?
4. What is the production and production value of the global Silicon Carbide Devices for Automotive market?
5. Who are the key producers in the global Silicon Carbide Devices for Automotive market?
6. What are the growth factors driving the market demand?

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