

Global Automotive Grade SiC Power Devices Supply, Demand and Key Producers, 2023-2029

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Abstracts

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

This report studies the global Automotive Grade SiC Power Devices production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Grade SiC Power Devices, 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 Automotive Grade SiC Power Devices that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Grade SiC Power Devices total production and demand, 2018-2029, (K Units)

Global Automotive Grade SiC Power Devices total production value, 2018-2029, (USD Million)

Global Automotive Grade SiC Power Devices production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Grade SiC Power Devices consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Automotive Grade SiC Power Devices domestic production, consumption, key domestic manufacturers and share

Global Automotive Grade SiC Power Devices production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Automotive Grade SiC Power Devices production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Grade SiC Power Devices production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Automotive Grade SiC Power Devices 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 STMicroelectronics, Wolfspeed, ROHM, Coherent, Onsemi, Infineon Technologies, Toshiba, Microchip Technology 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 Automotive Grade SiC Power Devices 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 Automotive Grade SiC Power Devices Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Grade SiC Power Devices Market, Segmentation by Type

MOSFET

SBD

Diode

Other

Global Automotive Grade SiC Power Devices Market, Segmentation by Application

DC/DC Converters

Car Charges

Motor Control

Inverters

Others

Companies Profiled:

STMicroelectronics

Wolfspeed

ROHM

Coherent

Onsemi

Infineon Technologies

Toshiba

Microchip Technology

Mitsubishi Electric

Semikron

Littelfuse

Fuji Electric

Renesas

Sanan Optoelectronics

Times Electric

Starpower Semiconductor

China Resources Microelectronics

Wingtech Technology

Wuxi NCE Powe

Yangzhou Yangjie

Shenzhen BASiC Semiconductor

Shanghai Hestia Power

BYD Semiconductor

Global Power Technology

Macmic Science & Tech

Jilin Sino-Microelectronics

Hua Hong Semiconductor

Hangzhou Silan

Key Questions Answered

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

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