

Global Silicon Carbide (SiC) Power Modules Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Silicon Carbide (SiC) Power Modules market size is expected to reach \$ 762.1 million by 2029, rising at a market growth of 22.1% CAGR during the forecast period (2023-2029).

This report studies the global Silicon Carbide (SiC) Power Modules production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silicon Carbide (SiC) Power Modules, 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 (SiC) Power Modules that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Silicon Carbide (SiC) Power Modules total production and demand, 2018-2029, (K Pieces)

Global Silicon Carbide (SiC) Power Modules total production value, 2018-2029, (USD Million)

Global Silicon Carbide (SiC) Power Modules production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global Silicon Carbide (SiC) Power Modules consumption by region & country, CAGR, 2018-2029 & (K Pieces)

U.S. VS China: Silicon Carbide (SiC) Power Modules domestic production, consumption, key domestic manufacturers and share

Global Silicon Carbide (SiC) Power Modules production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Pieces)

Global Silicon Carbide (SiC) Power Modules production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Pieces)

Global Silicon Carbide (SiC) Power Modules production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Pieces).

This reports profiles key players in the global Silicon Carbide (SiC) Power Modules 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 Infineon Technologies, ROHM Semiconductor, Wolfspeed, Mitsubishi Electric, Toshiba, STMicroelectronics, GeneSiC Semiconductor Inc., onsemi and Microchip Technology, 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 (SiC) Power Modules market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pieces) and average price (US\$/Piece) 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 (SiC) Power Modules Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Silicon Carbide (SiC) Power Modules Market, Segmentation by Type

600V & 650V

1200V

1700V

Global Silicon Carbide (SiC) Power Modules Market, Segmentation by Application

Electric Vehicle

Rail Traffic

Solar Inverter

Industrial

UPS

Others

Companies Profiled:

Global Silicon Carbide (SiC) Power Modules Supply, Demand and Key Producers, 2023-2029

Infineon Technologies

ROHM Semiconductor

Wolfspeed

Mitsubishi Electric

Toshiba

STMicroelectronics

GeneSiC Semiconductor Inc.

onsemi

Microchip Technology

Littelfuse (IXYS)

Fuji Electric

Bosch

Semikron Danfoss

GeneSiC Semiconductor Inc.

Imperix

Solitron Devices, Inc.

Cisoid

Hitachi Energy

Coherent Corp (II-VI)

GE Aerospace

DENSO

StarPower Semiconductor

Zhuzhou CRRC Times Electric

WeEn Semiconductors

Shenzhen BASiC Semiconductor

Guangdong Xinjuneng Semiconductor

Shenzhen Senguo Technology

Key Questions Answered

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

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