

Global High Voltage SiC MOSFETs Supply, Demand and Key Producers, 2023-2029

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Abstracts

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

Silicon carbide MOSFETs have the characteristics of low on-resistance and small switching losses, which can reduce device losses and improve system efficiency, and are more suitable for high-frequency circuits. It is widely used in the fields of new energy vehicle motor controller, vehicle power supply, solar inverter, charging pile, UPS, PFC power supply and other fields.

This report studies the global High Voltage SiC MOSFETs production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Voltage SiC MOSFETs, 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 High Voltage SiC MOSFETs that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High Voltage SiC MOSFETs total production and demand, 2018-2029, (M Units)

Global High Voltage SiC MOSFETs total production value, 2018-2029, (USD Million)

Global High Voltage SiC MOSFETs production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global High Voltage SiC MOSFETs consumption by region & country, CAGR, 2018-2029 & (M Units)

U.S. VS China: High Voltage SiC MOSFETs domestic production, consumption, key domestic manufacturers and share

Global High Voltage SiC MOSFETs production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Units)

Global High Voltage SiC MOSFETs production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global High Voltage SiC MOSFETs production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Units)

This reports profiles key players in the global High Voltage SiC MOSFETs 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 Wolfspeed, Onsemi, Microchip Technology, Infineon Technologies, Littelfuse, STMicroelectronics, ROHM, Mitsubishi Electric and GeneSiC Semiconductor, 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 High Voltage SiC MOSFETs market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Units) and average price (US\$/K Units) 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 High Voltage SiC MOSFETs Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global High Voltage SiC MOSFETs Market, Segmentation by Type

650V

750V

900V

1200V

1700V

Others

Global High Voltage SiC MOSFETs Market, Segmentation by Application

Automotive

Industry

PV

Others

Companies Profiled:

Wolfspeed

Onsemi

Microchip Technology

Infineon Technologies

Littelfuse

STMicroelectronics

ROHM

Mitsubishi Electric

GeneSiC Semiconductor

BASiC Semiconductor

PN Junction Semiconductor

Yangzhou Yangjie Electronic

WeEn Semiconductors

Key Questions Answered

1. How big is the global High Voltage SiC MOSFETs market?
2. What is the demand of the global High Voltage SiC MOSFETs market?

3. What is the year over year growth of the global High Voltage SiC MOSFETs market?
4. What is the production and production value of the global High Voltage SiC MOSFETs market?
5. Who are the key producers in the global High Voltage SiC MOSFETs market?
6. What are the growth factors driving the market demand?

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