

Global SiC MOSFETs Production, Demand and Key Producers, 2022-2028

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Abstracts

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 SiC MOSFETs production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SiC MOSFETs, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of SiC MOSFETs that contribute to its increasing demand across many markets.

The global SiC MOSFETs market size is expected to reach \$ 3019.6 million by 2028, rising at a market growth of 31.9% CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global SiC MOSFETs total production and demand, 2017-2028, (K Units)

Global SiC MOSFETs total production value, 2017-2028, (USD Million)

Global SiC MOSFETs production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (K Units)

Global SiC MOSFETs consumption by region & country, CAGR, 2017-2028 & (K Units)

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

Global SiC MOSFETs production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (K Units)

Global SiC MOSFETs production by Type, production, value, CAGR, 2017-2028, (USD Million) & (K Units)

Global SiC MOSFETs production by Application production, value, CAGR, 2017-2028, (USD Million) & (K Units)

This reports profiles key players in the global SiC MOSFETs market based on the following parameters – headquarters, production locations, products portfolio, SiC MOSFETs revenue, sales, average price and gross margin, recent developments.

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 SiC MOSFETs 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 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global SiC MOSFETs Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global SiC MOSFETs Market, Segmentation by Type

1200V

1700V

650V

Others

Global SiC MOSFETs Market, Segmentation by Application

Automotive

Industrial

PV

Others

Companies Profiled:

Wolfspeed

Infineon Technologies

STMicroelectronics

ROHM

Microchip

ON Semiconductor

Littelfuse

Mitsubishi Electric

GeneSiC Semiconductor Inc.

BASiC Semiconductor

Key Questions Answered

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

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