

Global SiC MOSFET and SiC SBD Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global SiC MOSFET and SiC SBD market size is expected to reach \$ 3221.6 million by 2029, rising at a market growth of 15.6% CAGR during the forecast period (2023-2029).

This report studies the SiC MOSFET and SiC SBD (Schottky Barrier Diode).

This report studies the global SiC MOSFET and SiC SBD production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global SiC MOSFET and SiC SBD total production and demand, 2018-2029, (K Units)

Global SiC MOSFET and SiC SBD total production value, 2018-2029, (USD Million)

Global SiC MOSFET and SiC SBD production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global SiC MOSFET and SiC SBD consumption by region & country, CAGR, 2018-2029 & (K Units)

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

Global SiC MOSFET and SiC SBD production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global SiC MOSFET and SiC SBD production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global SiC MOSFET and SiC SBD production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global SiC MOSFET and SiC SBD 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 SiC MOSFET and SiC SBD 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 SiC MOSFET and SiC SBD Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global SiC MOSFET and SiC SBD Market, Segmentation by Type

SiC MOSFET

SiC SBD

Global SiC MOSFET and SiC SBD Market, Segmentation by Application

Electric Vehicle

Rail Traffic

Energy & Power Grid

Industrial

UPS

Consumer

Telecommunications

Avionics, Military and Medical

Others

Companies Profiled:

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.

Nexperia (Wingtech)

Solitron Devices, Inc.

Cisoid

Hitachi Energy

Coherent Corp (II-VI)

Toshiba

Diodes Incorporated

Vishay Intertechnology

StarPower Semiconductor

Zhuzhou CRRC Times Electric

WeEn Semiconductors

Shenzhen BASiC Semiconductor

China Resources Microelectronics Limited

Hangzhou Silan Microelectronics

Yangzhou Yangjie Electronic Technology

NCEPOWER

Central Semiconductor Corp.

Shindengen

Key Questions Answered

1. How big is the global SiC MOSFET and SiC SBD market?
2. What is the demand of the global SiC MOSFET and SiC SBD market?
3. What is the year over year growth of the global SiC MOSFET and SiC SBD market?

4. What is the production and production value of the global SiC MOSFET and SiC SBD market?
5. Who are the key producers in the global SiC MOSFET and SiC SBD market?
6. What are the growth factors driving the market demand?

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