

SiC MOSFET Chips (Devices) and Module Industry Research Report 2023

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Abstracts

This report aims to provide a comprehensive presentation of the global market for SiC MOSFET Chips (Devices) and Module, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding SiC MOSFET Chips (Devices) and Module.

The SiC MOSFET Chips (Devices) and Module market size, estimations, and forecasts are provided in terms of output/shipments (K Units) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global SiC MOSFET Chips (Devices) and Module market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the SiC MOSFET Chips (Devices) and Module manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing.

This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Wolfspeed

Infineon Technologies

STMicroelectronics

ROHM

Semiconductor Components Industries, LLC

Littelfuse

Microchip

Mitsubishi Electric

GeneSiC Semiconductor Inc.

Shenzhen BASiC Semiconductor LTD

Product Type Insights

Global markets are presented by SiC MOSFET Chips (Devices) and Module type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the SiC MOSFET Chips (Devices) and Module are procured by the manufacturers.

This report has studied every segment and provided the market size using historical

data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

SiC MOSFET Chips (Devices) and Module segment by Type

SiC MOSFET Chip and Device

SiC MOSFET Module

Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the SiC MOSFET Chips (Devices) and Module market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the SiC MOSFET Chips (Devices) and Module market.

SiC MOSFET Chips (Devices) and Module segment by Application

Car

Industrial

Photovoltaic (pv)

Other

Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales

data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the SiC MOSFET Chips (Devices) and Module market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report

also focuses on the competitive landscape of the global SiC MOSFET Chips (Devices) and Module market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of SiC MOSFET Chips (Devices) and Module and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the SiC MOSFET Chips (Devices) and Module industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of SiC MOSFET Chips (Devices) and Module.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of SiC MOSFET Chips (Devices) and Module manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of SiC MOSFET Chips (Devices) and Module by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of SiC MOSFET Chips (Devices) and Module in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 SiC MOSFET Chips (Devices) and Module by Type
 - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
 - 2.2.2 SiC MOSFET Chip and Device
 - 2.2.3 SiC MOSFET Module
- 2.3 SiC MOSFET Chips (Devices) and Module by Application
 - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
 - 2.3.2 Car
 - 2.3.3 Industrial
 - 2.3.4 Photovoltaic (pv)
 - 2.3.5 Other
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global SiC MOSFET Chips (Devices) and Module Production Value Estimates and Forecasts (2018-2029)
 - 2.4.2 Global SiC MOSFET Chips (Devices) and Module Production Capacity Estimates and Forecasts (2018-2029)
 - 2.4.3 Global SiC MOSFET Chips (Devices) and Module Production Estimates and Forecasts (2018-2029)
 - 2.4.4 Global SiC MOSFET Chips (Devices) and Module Market Average Price (2018-2029)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global SiC MOSFET Chips (Devices) and Module Production by Manufacturers

(2018-2023)

3.2 Global SiC MOSFET Chips (Devices) and Module Production Value by Manufacturers (2018-2023)

3.3 Global SiC MOSFET Chips (Devices) and Module Average Price by Manufacturers (2018-2023)

3.4 Global SiC MOSFET Chips (Devices) and Module Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

3.5 Global SiC MOSFET Chips (Devices) and Module Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global SiC MOSFET Chips (Devices) and Module Manufacturers, Product Type & Application

3.7 Global SiC MOSFET Chips (Devices) and Module Manufacturers, Date of Enter into This Industry

3.8 Global SiC MOSFET Chips (Devices) and Module Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 Wolfspeed

4.1.1 Wolfspeed SiC MOSFET Chips (Devices) and Module Company Information

4.1.2 Wolfspeed SiC MOSFET Chips (Devices) and Module Business Overview

4.1.3 Wolfspeed SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.1.4 Wolfspeed Product Portfolio

4.1.5 Wolfspeed Recent Developments

4.2 Infineon Technologies

4.2.1 Infineon Technologies SiC MOSFET Chips (Devices) and Module Company Information

4.2.2 Infineon Technologies SiC MOSFET Chips (Devices) and Module Business Overview

4.2.3 Infineon Technologies SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.2.4 Infineon Technologies Product Portfolio

4.2.5 Infineon Technologies Recent Developments

4.3 STMicroelectronics

4.3.1 STMicroelectronics SiC MOSFET Chips (Devices) and Module Company Information

4.3.2 STMicroelectronics SiC MOSFET Chips (Devices) and Module Business Overview

4.3.3 STMicroelectronics SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.3.4 STMicroelectronics Product Portfolio

4.3.5 STMicroelectronics Recent Developments

4.4 ROHM

4.4.1 ROHM SiC MOSFET Chips (Devices) and Module Company Information

4.4.2 ROHM SiC MOSFET Chips (Devices) and Module Business Overview

4.4.3 ROHM SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.4.4 ROHM Product Portfolio

4.4.5 ROHM Recent Developments

4.5 Semiconductor Components Industries, LLC

4.5.1 Semiconductor Components Industries, LLC SiC MOSFET Chips (Devices) and Module Company Information

4.5.2 Semiconductor Components Industries, LLC SiC MOSFET Chips (Devices) and Module Business Overview

4.5.3 Semiconductor Components Industries, LLC SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.5.4 Semiconductor Components Industries, LLC Product Portfolio

4.5.5 Semiconductor Components Industries, LLC Recent Developments

4.6 Littelfuse

4.6.1 Littelfuse SiC MOSFET Chips (Devices) and Module Company Information

4.6.2 Littelfuse SiC MOSFET Chips (Devices) and Module Business Overview

4.6.3 Littelfuse SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.6.4 Littelfuse Product Portfolio

4.6.5 Littelfuse Recent Developments

4.7 Microchip

4.7.1 Microchip SiC MOSFET Chips (Devices) and Module Company Information

4.7.2 Microchip SiC MOSFET Chips (Devices) and Module Business Overview

4.7.3 Microchip SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.7.4 Microchip Product Portfolio

4.7.5 Microchip Recent Developments

4.8 Mitsubishi Electric

4.8.1 Mitsubishi Electric SiC MOSFET Chips (Devices) and Module Company Information

4.8.2 Mitsubishi Electric SiC MOSFET Chips (Devices) and Module Business Overview

4.8.3 Mitsubishi Electric SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.8.4 Mitsubishi Electric Product Portfolio

4.8.5 Mitsubishi Electric Recent Developments

4.9 GeneSiC Semiconductor Inc.

4.9.1 GeneSiC Semiconductor Inc. SiC MOSFET Chips (Devices) and Module Company Information

4.9.2 GeneSiC Semiconductor Inc. SiC MOSFET Chips (Devices) and Module Business Overview

4.9.3 GeneSiC Semiconductor Inc. SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.9.4 GeneSiC Semiconductor Inc. Product Portfolio

4.9.5 GeneSiC Semiconductor Inc. Recent Developments

4.10 Shenzhen BASiC Semiconductor LTD

4.10.1 Shenzhen BASiC Semiconductor LTD SiC MOSFET Chips (Devices) and Module Company Information

4.10.2 Shenzhen BASiC Semiconductor LTD SiC MOSFET Chips (Devices) and Module Business Overview

4.10.3 Shenzhen BASiC Semiconductor LTD SiC MOSFET Chips (Devices) and Module Production, Value and Gross Margin (2018-2023)

4.10.4 Shenzhen BASiC Semiconductor LTD Product Portfolio

4.10.5 Shenzhen BASiC Semiconductor LTD Recent Developments

5 GLOBAL SiC MOSFET CHIPS (DEVICES) AND MODULE PRODUCTION BY REGION

5.1 Global SiC MOSFET Chips (Devices) and Module Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.2 Global SiC MOSFET Chips (Devices) and Module Production by Region: 2018-2029

5.2.1 Global SiC MOSFET Chips (Devices) and Module Production by Region: 2018-2023

5.2.2 Global SiC MOSFET Chips (Devices) and Module Production Forecast by Region (2024-2029)

5.3 Global SiC MOSFET Chips (Devices) and Module Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.4 Global SiC MOSFET Chips (Devices) and Module Production Value by Region: 2018-2029

5.4.1 Global SiC MOSFET Chips (Devices) and Module Production Value by Region: 2018-2023

5.4.2 Global SiC MOSFET Chips (Devices) and Module Production Value Forecast by Region (2024-2029)

5.5 Global SiC MOSFET Chips (Devices) and Module Market Price Analysis by Region (2018-2023)

5.6 Global SiC MOSFET Chips (Devices) and Module Production and Value, YOY Growth

5.6.1 North America SiC MOSFET Chips (Devices) and Module Production Value Estimates and Forecasts (2018-2029)

5.6.2 Europe SiC MOSFET Chips (Devices) and Module Production Value Estimates and Forecasts (2018-2029)

5.6.3 China SiC MOSFET Chips (Devices) and Module Production Value Estimates and Forecasts (2018-2029)

5.6.4 Japan SiC MOSFET Chips (Devices) and Module Production Value Estimates and Forecasts (2018-2029)

5.6.5 South Korea SiC MOSFET Chips (Devices) and Module Production Value Estimates and Forecasts (2018-2029)

6 GLOBAL SiC MOSFET CHIPS (DEVICES) AND MODULE CONSUMPTION BY REGION

6.1 Global SiC MOSFET Chips (Devices) and Module Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

6.2 Global SiC MOSFET Chips (Devices) and Module Consumption by Region (2018-2029)

6.2.1 Global SiC MOSFET Chips (Devices) and Module Consumption by Region: 2018-2029

6.2.2 Global SiC MOSFET Chips (Devices) and Module Forecasted Consumption by Region (2024-2029)

6.3 North America

6.3.1 North America SiC MOSFET Chips (Devices) and Module Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.3.2 North America SiC MOSFET Chips (Devices) and Module Consumption by Country (2018-2029)

6.3.3 United States

6.3.4 Canada

6.4 Europe

6.4.1 Europe SiC MOSFET Chips (Devices) and Module Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe SiC MOSFET Chips (Devices) and Module Consumption by Country

(2018-2029)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific SiC MOSFET Chips (Devices) and Module Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.5.2 Asia Pacific SiC MOSFET Chips (Devices) and Module Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa SiC MOSFET Chips (Devices) and Module Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa SiC MOSFET Chips (Devices) and Module Consumption by Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global SiC MOSFET Chips (Devices) and Module Production by Type (2018-2029)

7.1.1 Global SiC MOSFET Chips (Devices) and Module Production by Type (2018-2029) & (K Units)

7.1.2 Global SiC MOSFET Chips (Devices) and Module Production Market Share by Type (2018-2029)

7.2 Global SiC MOSFET Chips (Devices) and Module Production Value by Type (2018-2029)

7.2.1 Global SiC MOSFET Chips (Devices) and Module Production Value by Type (2018-2029) & (US\$ Million)

7.2.2 Global SiC MOSFET Chips (Devices) and Module Production Value Market Share by Type (2018-2029)

7.3 Global SiC MOSFET Chips (Devices) and Module Price by Type (2018-2029)

8 SEGMENT BY APPLICATION

8.1 Global SiC MOSFET Chips (Devices) and Module Production by Application (2018-2029)

8.1.1 Global SiC MOSFET Chips (Devices) and Module Production by Application (2018-2029) & (K Units)

8.1.2 Global SiC MOSFET Chips (Devices) and Module Production by Application (2018-2029) & (K Units)

8.2 Global SiC MOSFET Chips (Devices) and Module Production Value by Application (2018-2029)

8.2.1 Global SiC MOSFET Chips (Devices) and Module Production Value by Application (2018-2029) & (US\$ Million)

8.2.2 Global SiC MOSFET Chips (Devices) and Module Production Value Market Share by Application (2018-2029)

8.3 Global SiC MOSFET Chips (Devices) and Module Price by Application (2018-2029)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 SiC MOSFET Chips (Devices) and Module Value Chain Analysis

9.1.1 SiC MOSFET Chips (Devices) and Module Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 SiC MOSFET Chips (Devices) and Module Production Mode & Process

9.2 SiC MOSFET Chips (Devices) and Module Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 SiC MOSFET Chips (Devices) and Module Distributors

9.2.3 SiC MOSFET Chips (Devices) and Module Customers

10 GLOBAL SiC MOSFET CHIPS (DEVICES) AND MODULE ANALYZING MARKET DYNAMICS

10.1 SiC MOSFET Chips (Devices) and Module Industry Trends

10.2 SiC MOSFET Chips (Devices) and Module Industry Drivers

10.3 SiC MOSFET Chips (Devices) and Module Industry Opportunities and Challenges

10.4 SiC MOSFET Chips (Devices) and Module Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

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