

# Global High Voltage SiC MOSFETs Market Growth 2023-2029

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## Abstracts

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The global High Voltage SiC MOSFETs market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for High Voltage SiC MOSFETs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for High Voltage SiC MOSFETs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for High Voltage SiC MOSFETs is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key High Voltage SiC MOSFETs players cover Wolfspeed, Onsemi, Microchip Technology, Infineon Technologies, Littelfuse, STMicroelectronics, ROHM, Mitsubishi Electric and GeneSiC Semiconductor, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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.

LPI (LP Information)' newest research report, the “High Voltage SiC MOSFETs Industry Forecast” looks at past sales and reviews total world High Voltage SiC MOSFETs sales in 2022, providing a comprehensive analysis by region and market sector of projected High Voltage SiC MOSFETs sales for 2023 through 2029. With High Voltage SiC MOSFETs sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High Voltage SiC MOSFETs industry.

This Insight Report provides a comprehensive analysis of the global High Voltage SiC MOSFETs landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on High Voltage SiC MOSFETs portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High Voltage SiC MOSFETs market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High Voltage SiC MOSFETs and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global High Voltage SiC MOSFETs.

This report presents a comprehensive overview, market shares, and growth opportunities of High Voltage SiC MOSFETs market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

650V

750V

900V

1200V

1700V

Others

### Segmentation by application

Automotive

Industry

PV

Others

### This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

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 Addressed in this Report

What is the 10-year outlook for the global High Voltage SiC MOSFETs market?

What factors are driving High Voltage SiC MOSFETs market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do High Voltage SiC MOSFETs market opportunities vary by end market size?

How does High Voltage SiC MOSFETs break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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