

# Global Trench SiC Power MOSFET Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G608D825FA23EN.html>

Date: July 2023

Pages: 126

Price: US\$ 4,480.00 (Single User License)

ID: G608D825FA23EN

## Abstracts

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

Trench SiC power MOSFET is to bury the gate in the substrate to form a vertical channel, which increases the channel density. There is no junction field effect transistor (JFET) area, and the SiC crystal plane where the channel is located has a high channel mobility, can achieve lower specific on-resistance, fast switching speed, and low switching loss.

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

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

Highlights and key features of the study

Global Trench SiC Power MOSFET total production and demand, 2018-2029, (Units)

Global Trench SiC Power MOSFET total production value, 2018-2029, (USD Million)

Global Trench SiC Power MOSFET production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Trench SiC Power MOSFET consumption by region & country, CAGR, 2018-2029 & (Units)

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

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

Global Trench SiC Power MOSFET production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Trench SiC Power MOSFET production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Trench SiC Power MOSFET 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, Nexperia, Onsemi, Renesas, Littelfuse, Vishay Intertechnology, Alpha & Omega Semiconductor, ROHM and Wolfspeed, 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 Trench SiC Power MOSFET market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (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 Trench SiC Power MOSFET Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Trench SiC Power MOSFET Market, Segmentation by Type

N-Channel

P-Channel

#### Global Trench SiC Power MOSFET Market, Segmentation by Application

Industrial

Energy

Automotive

Electronics

Others

#### Companies Profiled:

Infineon

Nexperia

Onsemi

Renesas

Littelfuse

Vishay Intertechnology

Alpha & Omega Semiconductor

ROHM

Wolfspeed

Mitsubishi Electric

STMicroelectronics

Ascatron

Fuji Electric

Toshiba

GeneSiC Semiconductor

Anbon

Powermaster Semiconductor

InventChip Technology

NCEPOWER

CoolSemi

Huayi Microelectronics

Yangzhou Yangjie Electronic Technology

Shenzhen BASiC Semiconductor LTD

WeEn Semiconductors

### Key Questions Answered

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

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