

# Global High Voltage Planar MOSFET Supply, Demand and Key Producers, 2023-2029

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## Abstracts

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

High Voltage Planar MOSFET is a type of power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) that can handle high voltages (typically above 200 V) and currents. It is based on a planar structure, which means that the device is fabricated on a flat layer of silicon with different doping regions. The main advantage of planar MOSFETs is that they have a high breakdown voltage and a low on-resistance, which makes them suitable for high-power applications

This report studies the global High Voltage Planar MOSFET production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global High Voltage Planar MOSFET total production and demand, 2018-2029, (K Units)

Global High Voltage Planar MOSFET total production value, 2018-2029, (USD Million)

Global High Voltage Planar MOSFET production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global High Voltage Planar MOSFET consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: High Voltage Planar MOSFET domestic production, consumption, key domestic manufacturers and share

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

Global High Voltage Planar MOSFET production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global High Voltage Planar MOSFET production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global High Voltage Planar 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 STMicroelectronics, Vishay Siliconix, Infineon, Toshiba, Fairchild Semiconductor International, Suzhou Convert Semiconductor, ON Semiconductor, Nexperia and Diodes Incorporated, 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 High Voltage Planar MOSFET 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 High Voltage Planar MOSFET Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global High Voltage Planar MOSFET Market, Segmentation by Type

Superjunction MOSFETs

Dual-diffusion MOSFETs

Transverse Double-Diffusion MOSFETs

## Global High Voltage Planar MOSFET Market, Segmentation by Application

Electronics Manufacturing

Energy Power

Others

## Companies Profiled:

STMicroelectronics

Vishay Siliconix

Infineon

Toshiba

Fairchild Semiconductor International

Suzhou Convert Semiconductor

ON Semiconductor

Nexperia

Diodes Incorporated

Microchip Technology

ROHM Semiconductor

Alpha and Omega Semiconductor (AOS)

## Key Questions Answered

1. How big is the global High Voltage Planar MOSFET market?
2. What is the demand of the global High Voltage Planar MOSFET market?
3. What is the year over year growth of the global High Voltage Planar MOSFET market?
4. What is the production and production value of the global High Voltage Planar MOSFET market?
5. Who are the key producers in the global High Voltage Planar MOSFET market?

6. What are the growth factors driving the market demand?

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