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Global Automotive Power MOSFET Market Growth 2025-2031

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Abstracts

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The global Automotive Power MOSFET market size is predicted to grow from US$ million in 2025 to US$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

LP Information, Inc. (LPI) ' newest research report, the “Automotive Power MOSFET Industry Forecast” looks at past sales and reviews total world Automotive Power MOSFET sales in 2024, providing a comprehensive analysis by region and market sector of projected Automotive Power MOSFET sales for 2025 through 2031. With Automotive Power MOSFET sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Automotive Power MOSFET industry.

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This Insight Report provides a comprehensive analysis of the global Automotive Power MOSFET 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 Automotive Power MOSFET portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Power MOSFET market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Power MOSFET 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 Automotive Power MOSFET.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Power MOSFET market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

P-channel

N-channel

Segmentation by Application:

Traditional Powered Vehicles

New Energy Vehicles

Hybird Vehicles

This report also splits the market by region:

Americas

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United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

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South Africa

Israel

Turkey

GCC Countries

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

STMicroelectronics

Renesas Electronics Corporation

Infineon Technologies

Nexperia

Toshiba Electronic Devices & Storage Corporation

Fuji Electric

Vishay Intertechnology, Inc

ROHM Semiconductor

Onsemi

Letex Technology Corp

NXP Semiconductors

Taiwan Semiconductor

Shindengen Electric Manufacturing Co., Ltd

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Littlefuse, Inc

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Power MOSFET market?

What factors are driving Automotive Power MOSFET market growth, globally and by region?

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

How do Automotive Power MOSFET market opportunities vary by end market size?

How does Automotive Power MOSFET break out by Type, by Application?

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