

Global Automotive Power Semiconductor Market Growth 2023-2029

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Abstracts

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Power semiconductor devices, formerly known as power electronic devices, are simply semiconductor devices that perform power processing and have the ability to handle high voltages and large currents. The voltage processing range is from tens of V to several thousand V, and the current capacity can be up to several thousand A.

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

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

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

The global Automotive Power Semiconductor 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 Automotive Power Semiconductor 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 Automotive Power Semiconductor 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 Automotive Power Semiconductor is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Automotive Power Semiconductor players cover Infineon Technologies, STMicroelectronics, NXP Semiconductor, Texas Instruments, Freescale Semiconductor, Robert Bosch GmbH, ON Semiconductor, Nvidia Corporation and Trumpf GmbH, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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

Market Segmentation:

Segmentation by type

Rectifiers

Voltage Suppressor

Charging Systems

Segmentation by application

Automotive

Industrial

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.

Infineon Technologies

STMicroelectronics

NXP Semiconductor

Texas Instruments

Freescale Semiconductor

Robert Bosch GmbH

ON Semiconductor

Nvidia Corporation

Trumpf GmbH

Intel Corporation

Key Questions Addressed in this Report

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

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

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

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

How does Automotive Power Semiconductor break out type, application?

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

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