

# Global Automotive Semiconductors Market 2023-2029

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## Abstracts

Automotive semiconductors play a critical role in the functionality of modern cars by controlling various systems, such as engine control units, power steering, infotainment systems, and advanced driver assistance systems (ADAS). The global automotive semiconductors market is anticipated to increase by USD 8.0 billion till 2029 at an average annual growth of 14.25 percent as per the latest market estimates.

Advancements in integrated electronics technology, increasing demand for advanced driver assistance systems (ADAS) and other safety features in modern vehicles, emergence of electric and autonomous vehicles that require advanced semiconductor technologies for efficient and safe operation are expected to boost the market growth in the coming years. Advancements in integrated electronics technology, increasing demand for advanced driver assistance systems (ADAS) and other safety features in modern vehicles, emergence of electric and autonomous vehicles that require advanced semiconductor technologies for efficient and safe operation are expected to boost the market growth in the coming years.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global automotive semiconductors market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the vehicle type, component, application, and region. The global market for automotive semiconductors can be segmented by vehicle type: passenger vehicle, light commercial vehicle, heavy commercial vehicle. The passenger vehicle segment held the largest revenue share in 2022. Automotive semiconductors market is further segmented by component: processors, sensors, memory device,

integrated circuits, discrete power devices. Among these, the integrated circuits segment was accounted for the highest revenue generator in 2022. Based on application, the automotive semiconductors market is segmented into: chassis, power electronics, safety, body electronics, entertainment unit, others. The safety segment captured the largest share of the market in 2022. On the basis of region, the automotive semiconductors market also can be divided into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. According to the research, Asia-Pacific had the largest share in the global automotive semiconductors market.

### Market Segmentation

By vehicle type: passenger vehicle, light commercial vehicle, heavy commercial vehicle

By component: processors, sensors, memory device, integrated circuits, discrete power devices

By application: chassis, power electronics, safety, body electronics, entertainment unit, others

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The market research report covers the analysis of key stake holders of the global automotive semiconductors market. Some of the leading players profiled in the report include Analog Devices Inc., Infineon Technologies AG, Micron Technology Inc., NXP Semiconductors N.V., ON Semiconductor Corporation, Renesas Electronics Corporation, Robert Bosch GmbH, Rohm Company Limited, STMicroelectronics N.V., Texas Instruments Inc., Toshiba Corporation, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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### Scope of the Report

To analyze and forecast the market size of the global automotive semiconductors market.

To classify and forecast the global automotive semiconductors market based on vehicle type, component, application, region.

To identify drivers and challenges for the global automotive semiconductors market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global automotive semiconductors market.

To identify and analyze the profile of leading players operating in the global automotive semiconductors market.

### Why Choose This Report

Gain a reliable outlook of the global automotive semiconductors market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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Robert Bosch GmbH  
Rohm Company Limited  
STMicroelectronics N.V.  
Texas Instruments Inc.  
Toshiba Corporation

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