

Global Automotive Semiconductors Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Automotive Semiconductors market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Automotive Semiconductors are the fundamental building blocks behind everything from mapping applications, connectivity platforms and data-bases to graphics processing units, advanced driver warning systems (ADAS) and much more.

In China market key players include NXP Semiconductors, Infineon Technologies, Texas Instruments, Renesas Electronics, Robert Bosch GmbH, etc, and Top 10 players account for nearly 90% of total revenue. ASSP/ASIC was the largest segment of Automotive Semiconductors, with more than 30% market share. Automotive Semiconductors is widely used in Infotainment & Cluster, Body, ADAS, Chassis, Powertrain, EV/HEV, Safety and Aftermarket. The most proportion of Automotive Semiconductors is Infotainment & Cluster, and the market share is more than 25%.

The Global Info Research report includes an overview of the development of the Automotive Semiconductors industry chain, the market status of Infotainment & Cluster (ASSP/ASIC, Micro-Component IC), Body (ASSP/ASIC, Micro-Component IC), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive Semiconductors.

Regionally, the report analyzes the Automotive Semiconductors markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads

the global Automotive Semiconductors market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Automotive Semiconductors market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Automotive Semiconductors industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., ASSP/ASIC, Micro-Component IC).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Automotive Semiconductors market.

Regional Analysis: The report involves examining the Automotive Semiconductors market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Automotive Semiconductors market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Automotive Semiconductors:

Company Analysis: Report covers individual Automotive Semiconductors players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and

attitudes towards Automotive Semiconductors This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Infotainment & Cluster, Body).

Technology Analysis: Report covers specific technologies relevant to Automotive Semiconductors. It assesses the current state, advancements, and potential future developments in Automotive Semiconductors areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Automotive Semiconductors market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Automotive Semiconductors market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type

ASSP/ASIC

Micro-Component IC

Discrete

Optoelectronics

Nonoptical Sensors

Memory IC

Analog IC

General-Purpose Logic IC

Market segment by Application

Infotainment & Cluster

Body

ADAS

Chassis

Powertrain

EV/HEV

Safety

Aftermarket

Market segment by players, this report covers

NXP Semiconductors

Infineon Technologies

Texas Instruments

Renesas Electronics

Robert Bosch GmbH

ROHM

ON Semiconductor

Denso

Analog Devices

Nexperia (Wingtech)

Toshiba

Micron Technology

Navinfo

Allwinner Technology

Starpower

GigaDevice

Horizon Robotics

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Automotive Semiconductors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Automotive Semiconductors, with revenue, gross

margin and global market share of Automotive Semiconductors from 2019 to 2024.

Chapter 3, the Automotive Semiconductors competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Automotive Semiconductors market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Automotive Semiconductors.

Chapter 13, to describe Automotive Semiconductors research findings and conclusion.

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