

Automotive Chip Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Automotive Chip Trends and Forecast

The future of the global automotive chip market looks promising with opportunities in the powertrain, body electronics, safety system, chassis, and telematic & infotainment system markets. The global automotive chip market is expected to reach an estimated \$89.4 billion by 2030 with a CAGR of 9.4% from 2024 to 2030. The major drivers for this market are rising interest in electric vehicles, surge in the popularity of advanced driving assistance systems (ADAS), and growing demand for autonomous driving technologies.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Automotive Chip by Segment

The study includes a forecast for the global automotive chip by product type, propulsion type, application, and region.

Automotive Chip Market by Product Type [Shipment Analysis by Value from 2018 to 2030]:

Microcontrollers

Logic ICs

Analog ICs

Sensor

Others

Automotive Chip Market by Propulsion Type [Shipment Analysis by Value from 2018 to 2030]:

ICE Vehicles

Electric Vehicles

Automotive Chip Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Powertrain

Body Electronics

Safety Systems

Chassis

Telematics & Infotainment Systems

Others

Automotive Chip Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Automotive Chip Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies automotive chip companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the automotive chip companies profiled in this report include-

Infineon Technologies

Texas Instruments

NVIDIA

Robert Bosch

ROHM

Analog Devices

Toshiba

Renesas Electronics

STMicroelectronics

NXP Semiconductors

Automotive Chip Market Insights

Lucintel forecasts that microcontroller is expected to witness the highest growth over the forecast period.

Within this market, safety system will remain the largest segment over the forecast period.

APAC will remain the largest region over the forecast period.

Features of the Global Automotive Chip Market

Market Size Estimates: Automotive chip market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Automotive chip market size by product type, propulsion type, application, and region in terms of value (\$B).

Regional Analysis: Automotive chip market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product types, propulsion types, applications, and regions for the automotive chip market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the automotive chip market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the automotive chip market size?

Answer: The global automotive chip market is expected to reach an estimated \$89.4 billion by 2030.

Q2. What is the growth forecast for automotive chip market?

Answer: The global automotive chip market is expected to grow with a CAGR of 9.4% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the automotive chip market?

Answer: The major drivers for this market are rising interest in electric vehicles, surge in the popularity of advanced driving assistance systems (ADAS), and growing demand for autonomous driving technologies.

Q4. What are the major segments for automotive chip market?

Answer: The future of the automotive chip market looks promising with opportunities in the powertrain, body electronics, safety system, chassis, and telematic & infotainment system markets.

Q5. Who are the key automotive chip market companies?

Answer: Some of the key automotive chip companies are as follows:

Infineon Technologies

Texas Instruments

NVIDIA

Robert Bosch

ROHM

Analog Devices

Toshiba

Renesas Electronics

STMicroelectronics

NXP Semiconductors

Q6. Which automotive chip market segment will be the largest in future?

Answer: Lucintel forecasts that microcontroller is expected to witness the highest growth

over the forecast period.

Q7. In automotive chip market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region over the forecast period.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the automotive chip market by product type (microcontrollers, logic ICs, analog ICs, sensor, and others), propulsion type (ICE vehicles and electric vehicles), application (powertrain, body electronics, safety systems, chassis, telematics & infotainment systems, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat

do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Automotive Chip Market, Automotive Chip Market Size, Automotive Chip Market Growth, Automotive Chip Market Analysis, Automotive Chip Market Report, Automotive Chip Market Share, Automotive Chip Market Trends, Automotive Chip Market Forecast, Automotive Chip Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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