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Embedded Systems in Automobiles Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Embedded Systems in Automobiles Trends and Forecast

The future of embedded systems in the global automobile market looks promising with opportunities in the infotainment telematic, body electronic, powertrain chassis control, and safety security markets. The embedded systems in the global automobile market is expected to reach an estimated $11.53 billion by 2030 with a CAGR of 6.9% from 2024 to 2030. The major drivers for this market are growing demand for automation technology, increasing consumer consciousness towards vehicle safety and rising strict government-imposed safety regulations across the globe.

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

Embedded Systems in Automobiles by Segment

The study includes a forecast for the global embedded systems in automobiles by product, type, components, application, and region

Embedded Systems in Automobile Market by Product [Shipment Analysis by Value from 2018 to 2030]:

Passenger Vehicle

Two-Wheelers

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Commercial Vehicle

Embedded Systems in Automobile Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Hardware

Software

Embedded Systems in Automobile Market by Components [Shipment Analysis by Value from 2018 to 2030]:

Sensors

Microcontroller

Transceivers

Memory Devices

Embedded Systems in Automobile Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Infotainment Telematics

Body Electronics

Powertrain Chassis Control

Safety Security

Embedded Systems in Automobile Market by Region [Shipment Analysis by Value from 2018 to 2030]:

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North America

Europe

Asia Pacific

The Rest of the World

List of Embedded Systems in Automobiles 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 embedded systems in automobiles companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the embedded systems in automobiles companies profiled in this report include-

NXP Semiconductors

Robert Bosch

Panasonic Corporation

Denso Corporation

Continental

Delphi Technologies

Texas instruments

Mitsubishi Electric Corporation

infineon Technologies

Embedded Systems in Automobile Market insights

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Lucintel forecasts that passenger vehicleis expected to witness the highest growth over the forecast period.

Within this market, infotainment telematics will remain the largest segment.

APAC is expected to witness the highest growth over the forecast period.

Features of the Global Embedded Systems in Automobile Market

Market Size Estimates: Embedded Systems in Automobile 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: Embedded systems in automobile market size by various segments, such as by product, type, components, application, and region in terms of value ($B).

Regional Analysis: Embedded systems in automobile market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different products, types, components, applications, and regions for the embedded systems in the automobile market

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the embedded systems in automobile market.

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

FAQ

Q.1 What is the automobile market size in terms of embedded system usage?

Answer: The global embedded systems in automobile market is expected to reach an estimated $11.53 billion by 2030.

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Q.2 What is the growth forecast for embedded systems in automobile market?

Answer: The global automobile market in terms of embedded system usage is expected to grow with a CAGR of 6.9% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of embedded systems in automobile market?

Answer: The major drivers for this market are growing demand for automation technology, increasing consumer consciousness towards vehicle safety and rising strict government-imposed safety regulations across the globe.

Q4. What are the major segments for embedded systems in automobile market?

Answer: The future of embedded systems in the global automobile market looks promising with opportunities in the infotainment telematic, body electronic, powertrain chassis control, and safety security markets.

Q5. Who are the key embedded system companies in automobile market?

Answer: Some of the key embedded system companies in the automobile market are as follows:

NXP Semiconductors

Robert Bosch

Panasonic Corporation

Denso Corporation

Continental

Delphi Technologies

Texas instruments

Mitsubishi Electric Corporation

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infineon Technologies

Q6. Which automobile market segment will be the largest in future in terms of embedded system usage?

Answer: Lucintel forecasts that passenger vehicle segment is expected to witness the highest growth over the forecast period.

Q7. in the automobile market in terms of embedded system usage, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness the highest growth 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 embedded systems in the global automobile market by product (passenger vehicle, two-wheelers, and commercial vehicle), type (hardware and software), component (sensors, microcontroller, transceivers, and memory devices), application (infotainment telematics, body electronics, powertrain chassis control, and safety security), 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?

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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 key embedded system companies in the automobile market or related to key embedded system companies in the automobile companies, key embedded system companies in the automobile market size, key embedded system companies in the automobile market share, key embedded system companies in the automobile market growth, key embedded system companies in the automobile market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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