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

https://marketpublishers.com/r/G08F45431CF3EN.html
Date: January 2024
Pages: 109
Price: US$ 3,480.00 (Single User License)
ID: G08F45431CF3EN

Abstracts

According to our (Global Info Research) latest study, the global Automotive Electronic Components market size was valued at USD 50480 million in 2023 and is forecast to a readjusted size of USD 73680 million by 2030 with a CAGR of 5.6% during review period.

An electronic component is a basic element in an electronic circuit, usually individually packaged, with two or more leads or metal contacts.Electronic components must be connected to each other to form an electronic circuit with a specific function, such as an amplifier, a radio receiver, an oscillator, etc. One of the common ways of connecting electronic components is to weld them to a printed circuit board.Electronic components may be individual packages (resistors, capacitors, inductors, transistors, diodes, etc.) or groups of varying complexity such as integrated circuits (operational amplifiers, exclusion, logic gates, etc.).With electric cars, in recent years made car, new technology and new applications such as automated driving moved close to the auto industry to the micro control unit, sensor and memory automotive electronic equipment such as a surge in demand, semiconductor manufacturers in the automotive industry began to play a more and more important role in the supply chain, experts predict automotive electronic components industry development opportunities are emerging.

Automotive electronics are mainly used in power control system, vehicle-mounted information and entertainment system, vehicle safety control system and vehicle body electronic system, etc. In order to improve the driving experience, the rate of vehicle electronization has been increasing.

Global Automotive Electronic Components key players include NXP, Infineon, Renesas,

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Texas Instruments, etc. Global top four manufacturers hold a share over 30%.

Europe is the largest market, with a share over 25%, followed by China, and North America, both have a share over 45 percent.

In terms of product, Active Components is the largest segment, with a share about 90%. And in terms of application, the largest application is Engine System, followed by Driving and Safety Systems, Entertainment System, Body System, etc.

The Global Info Research report includes an overview of the development of the Automotive Electronic Components industry chain, the market status of Engine System (Active Components, Passive Components), Driving and Safety Systems (Active Components, Passive Components), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive Electronic Components.

Regionally, the report analyzes the Automotive Electronic Components 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 Electronic Components market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Automotive Electronic Components 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 Electronic Components 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., Active Components, Passive Components).

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

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influencing the Automotive Electronic Components market.

Regional Analysis: The report involves examining the Automotive Electronic Components 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 Electronic Components 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 Electronic Components:

Company Analysis: Report covers individual Automotive Electronic Components 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 Electronic Components This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Engine System, Driving and Safety Systems).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Automotive Electronic Components 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

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Automotive Electronic Components 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

- Active Components
- Passive Components

Market segment by Application

- Engine System
- Driving and Safety Systems
- Body System
- Entertainment System
- Other

Market segment by players, this report covers

- NXP
- Infineon
- Renesas
- Texas Instruments
- STMicroelectronics
- Bosch
- ON Semiconductor

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ROHM Semiconductor

Analog Devices

Toshiba

NVIDIA

Littelfuse, Inc

Intel

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 Electronic Components product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Automotive Electronic Components, with revenue, gross margin and global market share of Automotive Electronic Components from 2019 to 2024.

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

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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 Electronic Components 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 Electronic Components.

Chapter 13, to describe Automotive Electronic Components research findings and conclusion.

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