+44 20 8123 2220
info@marketpublishers.com

Automotive Electronics Market Size, Share & Trends Analysis Report By Component (Electronic Control Unit, Sensors, Current Carrying Devices), By Application, By Sales Channel, By Region, And Segment Forecasts, 2021 - 2028

https://marketpublishers.com/r/A56985A4AA8EN.html
Date: May 2021
Pages: 160
Price: US$ 4,950.00 (Single User License)
ID: A56985A4AA8EN

Abstracts

This report can be delivered to the clients within 72 Business Hours

Automotive Electronics Market Growth & Trends

The global automotive electronics market size is expected to reach USD 392.49 billion by 2028, according to a new report by Grand View Research, Inc. It is anticipated to register a CAGR of 7.9% from 2021 to 2028. Increasing safety and security concerns to curb the rising road fatalities in developed and developing economies across the globe are the factors anticipated to drive the demand for automotive electronics. The rising demand for electric vehicles, autonomous vehicles, and state-of-the-art vehicle technology is also expected to fuel the market growth. Accident data recorder systems, emergency call systems, and alcohol ignition interlocks are some of the prominent technologically advanced features that are expected to drive the market growth over the forecast period.

The availability of advanced safety systems with features such as blind-spot detection and automatic emergency braking at lower costs has led to the increased implementation of these systems. This, in turn, is expected to boost the adoption of automotive ECUs and sensors used in these systems, subsequently fueling the market growth. Moreover, these features adhere to government rules and regulations and are anticipated to pave the way for adopting autonomous vehicles. The ECUs and sensors are used for controlling the electronic functions in these vehicles, thereby increasing the

+44 20 8123 2220
info@marketpublishers.com

demand for these components.

The COVID-19 pandemic has negatively impacted the demand for automotive electronics in 2020. The implementation of lockdowns and social distancing norms globally has led to losses for industries such as manufacturing, automotive, entertainment, restaurant, and hospitality. The overall vehicle production volumes declined globally on a year-on-year basis, mainly due to the decrease in production volumes in North America and Europe, among other regions. According to the Organisation Internationale des Constructeurs d'Automobiles (OICA), global automobile production dropped by more than 15% i.e., 77.6 million units in 2020 as compared to 91.7 million units in 2019. However, as governments begin to gradually relax lockdown norms and allow businesses to operate with mandates of social distancing, the market can expect a period of respite for the short-term due to the growing demand for cars from the middle-class populations.

The market for automotive electronics is also affected by the recent semiconductor chip shortages globally. The semiconductor chip supply crunch, powered by the pandemic supply-chain gyrations and rising demand, has majorly affected the automakers, forcing them to temporarily halt production in their factories. In April 2021, General Motors and Ford announced plans to temporarily shut down their factories due to a shortage of semiconductor chips. The chaotic ordering from the automotive OEMs makes it harder for chipmakers to understand where they need to allocate supply to meet the real and short-term needs.

The Asia Pacific regional market captured around 41% of the overall automotive electronics demand in 2020 and is estimated to register the highest CAGR of 8.3% over the forecast period. The demand in the Asia Pacific region is largely fulfilled by China, India, and Japan. China is the world's largest manufacturing hub and one of the fastest-growing economies. The Chinese automotive manufacturers are leveraging favorable market conditions to take the lead and dominate the market. Moreover, the Make in India campaign is expected to draw investments in the automotive sector, thus boosting the demand for automotive electronics.

Automotive Electronics Market Report Highlights

- In terms of component, the sensors segment is estimated to expand at the highest CAGR of around 9.2% over the forecast period. This can be attributed to favorable government initiatives for passenger safety and security in various regions

+44 20 8123 2220
info@marketpublishers.com

In terms of application, the safety system emerged as the largest segment in 2020. Increasing customer awareness about technological changes related to safety equipment in vehicles is expected to act as a potential driver for the growth of the safety systems segment

In terms of sales channel, the OEM segment emerged as the largest segment in 2020 owing to the increased durability and shelf-life of electronic components

The Asia Pacific region held the largest market share in 2020. This can be attributed to the increasing production of vehicles in India, China, and Japan

Contents

+44 20 8123 2220
info@marketpublishers.com

CHAPTER 5 AUTOMOTIVE ELECTRONICS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

5.1 Application Movement Analysis & Market Share, 2020 & 2028
5.2 Market Size & Forecasts and Trends Analysis, 2016 to 2028 for the following:
  5.2.1 ADAS
  5.2.2 Infotainment
  5.2.3 Body Electronics
  5.2.4 Safety Systems
  5.2.5 Powertrain Electronics

CHAPTER 6 AUTOMOTIVE ELECTRONICS MARKET: SALES CHANNEL ESTIMATES & TREND ANALYSIS

6.1 Sales Channel Movement Analysis & Market Share, 2020 & 2028
6.2 Market Size & Forecasts and Trends Analysis, 2016 to 2028 for the following:
  6.2.1 OEM
  6.2.2 Aftermarket

CHAPTER 7 AUTOMOTIVE ELECTRONICS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

7.1 Regional Movement Analysis & Market Share, 2020 & 2028
7.2 Market Size & Forecasts and Trends Analysis, 2016 to 2028 for the following:
  7.2.1 North America
    7.2.1.1 U.S.
    7.2.1.2 Canada
  7.2.2 Europe
    7.2.2.1 Germany
    7.2.2.2 U.K.
  7.2.3 Asia Pacific
    7.2.3.1 China
    7.2.3.2 Japan
    7.2.3.3 India
  7.2.4 Latin America
    7.2.4.1 Brazil
    7.2.4.2 Mexico
  7.2.5 Middle East and Africa

+44 20 8123 2220
info@marketpublishers.com

CHAPTER 8 COMPETITIVE LANDSCAPE

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Automotive Electronics Market Size, Share & Trends Analysis Report By Component (Electronic Control Unit, Sensors, Current Carrying Devices), By Application, By Sales Channel, By Region, And Segment Forecasts, 2021 - 2028

Product link: https://marketpublishers.com/r/A56985A4AA8EN.html

Price: US$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/A56985A4AA8EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature ___________________________________

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below

+44 20 8123 2220
info@marketpublishers.com

and fax the completed form to +44 20 7900 3970