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# The Automotive Electronics Industry In Germany

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The prominent companies present in the automotive electronics industry are Magna International, Continental AG, Bosch Group, Altera Corporation, Infineon Technologies, Lear Corporation, Delphi Automotive, Hitachi Automotive Systems, Texas Instruments, ZF Friedrichshafen AG, Voxx International Corporation, Faurecia, Hyundai Mobis, and Valeo. Automotive Electronics Market Growth, 2019-2030 Report

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Automobile electronics are electrically generated systems that find application in road vehicles and with increasing advancement in technology, automobile electronics are becoming very popular and preferred by the consumers. Automotive electronics enhances the engine control and provides higher safety, security and comfort in a vehicle.

### **Automotive Electronics Market - Global Industry Analysis ...**

Automotive electronics comprises of electrically operated systems deployed in vehicles. Electronic fuel injection, airbag, advanced driver assistance and infotainment are some of the areas where automotive electronic systems is primarily used in order to increase the overall efficiency of the combined system. As electric and hybrid vehicles are gaining traction in the market, these systems are likely to become key focus area of electronic system providers.

### **Automotive Electronics Industry Analysis & Forecast - Reports**

Automotive Electronics is becoming increasingly important to the automotive sector, enabling the systems which we all expect to find in the latest cars. But those involved in the the sector, as well as those looking to enter the automotive supply chain, need to keep up to date.

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Automotive Electronics The automotive industry is facing a change: Autonomous driving, electric mobility and connected car will be the key issues for the industry in the coming years. Simultaneously, new mobility concepts and business models revolutionize the market. We develop innovative solutions for the mobility of the future!

### **The Automotive Electronics Industry in Germany**

Automotive electronics are electronic systems used in vehicles, including engine management, ignition, radio, computers, telematics, in-car entertainment systems, and others. Ignition, engine and transmission electronics are also found in trucks, motorcycles, off-road vehicles, and other internal combustion powered machinery such as forklifts, tractors and excavators.

Related elements for control of relevant electrical systems are also found on hybrid vehicles and electric cars.

Electronic systems

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An automobile electronics mainly includes the headlight, LED brake light, etc. Every module used in an automobile is a modern electronic gadget.

Previously, electronics in automobiles are mainly used for controlling the engine. But, now the latest advancements provide the most complicated driving skill to people.

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Automotive electronics are specially-designed electronics intended for use in automobiles. Automotive electronics can be subjected to, and are therefore rated at, more extreme temperature ranges than commercial (i.e. normal) electronics.

*Automotive electronics: What are they, and how do they ...*

The electronics industry became an integrated part of the automotive industry as in the last decades manufacturers became interested in producing cars which incorporate electronics and software devices. At the moment, electronics and software devices represent an important aspect in the vehicle manufacturing process.

*Automotive Electronics - an overview | ScienceDirect Topics*

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in vehicles that includes ignition system, engine management system, entertainment systems in vehicle, carputers and telematics among others. Automotive electronics is capable of withstanding more extreme working temperatures as compared to commercial electronics.

**The biggest trends and challenges in the automotive ...**

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### **Automotive Electronics Market Growth, 2019-2030 Report**

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