Global Markets for Automotive Sensor Technologies

Description: The global market for automobile sensors reached nearly $23.5 billion in 2015, $26.3 billion in 2016, and should reach $43.4 billion by 2021, a five year compound annual growth rate (CAGR) of 10.6% from 2016 to 2021.

This report provides:

- An overview of the global markets for automotive sensor technology, where automobiles are considered to include all passenger cars, light commercial vehicles (LCVs), heavy commercial vehicles (HCVs) and buses.
- Analyses of global market trends, with data from 2015, estimates for 2016, and projections of compound annual growth rates (CAGRs) through 2021.
- Details covering key areas in the production of an automobile that have advanced with the use of sensors, and the markets for these sensors in various applications and regions.
- A look at the development and deployment of a number of sensing technologies and the introduction of advanced electronic systems, and the challenges regarding their robustness, reliability, quality and cost.
- Information on the increased demand for convenience, comfort, safety, efficiency and environmental protection, all of which are factors driving market growth.
- Profiles of leading companies in the industry.

Scope of the report:

In today’s automobile, systems controlled by sensors have become integral, and this has made most electromechanical devices better refined and more efficient with their application. The development and deployment of number of sensing technologies support and enable the introduction of advanced electronic systems, though there are challenges regarding robustness, reliability, quality and cost. Though new sensors are emerging to improve system functionality and enable future advanced systems, existing sensors will also continue to find new applications, building upon their past record of performance. This report will study the areas in the production of an automobile, which have advanced with the use of sensors and the markets for these sensors in various applications and regions.

For this report, automobiles are considered to include all passenger cars, light commercial vehicles (LCVs), heavy commercial vehicles (HCVs) and buses.

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- Analog Devices Inc.
- Applied Technology Associates
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- Asahi Kasei Microsystems Co. Ltd.
- Autoliv Inc.
- Automotive Technologies International Inc.
- BEI Sensors
- Borgwarner Beru Systems Gmbh
- Bosch Sensortec Gmbh
- Bourns Inc.
- Casco Products Corp.
- China Automotive Systems Inc.
- Colibrys SA
- Comus International BVBA
- Continental Automotive Electronics Llc
- Continental AG
- Conti Temic Microelectronic Gmbh
- Corrsys-Datron Sensorsysteme Gmbh
- Crossbow Technology Inc.
- CTS Corp
- Custom Sensors & Technologies (Cst)
- Delphi Automotive Plc
- Delphi Corp.
- Denso Corp.
- D&R Technology Llc
- Electricfil Automotive S.A.S
- Elesys North America Inc.
- Epcos AG
- First Sensor AG
- Flexpoint Sensor Systems Inc.
- Freescale Semiconductor Inc.
- GE Measurement & Control Solutions
- Hamlin Electronics
- Hans Turck Gmbh & Co. KG
- Harman International Industries Inc.
- Hella Kgaa Hueck & Co.
- Hitachi Automotive Systems
- Honeywell Sensing & Controls
- Infineon Technologies Ag Cmr
- Intersema Sensoric Sa
- Invensense, Inc
- Jewell Instruments Llc
- Johnson Controls Inc.
- Jumo Gmbh & Co. KG
- Kavilco Corp.
- Keihin Corp.
- Key Safety Systems Inc.
- Kistler Group
- Littelfuse Inc.
- Magna International Inc.
- Magneti Marelli S.P.A
- Maxima Technologies
- Measurement Specialties Inc.
- Melexis Microelectronic Systems
- Memsic Inc.
- Methode Electronics Inc.
- Micralyne Inc.
- Micronas Semiconductor Holding Ag
- Microstrain Inc.
- Minda Stoneridge Instruments Ltd.
- Motion Sensors Inc.
- MTS Systems Corp.
- Murata Electronics Oy
- NGK Spark Plug Co. Ltd.
- Nidec Elesys Americas Corp.
- Ningbo Joyson Automotive Electronics Corp.
- Nippon Aleph Corp.
- Novotechnik U.S. Inc.
- NXP Semiconductors
- Olea Sensor Networks
- Omron Corp.
- Optex Co. Ltd.
- PCP Piezotronics Inc.
- Philips Photonics
- Plk Technologies Co. Ltd.
- Preh GmbH
- Proximity Controls
- Qualtre Inc.
- Raltron Electronics Corp.
- Robert Bosch GmbH
- Schrader International Inc.
- Sensata Technologies BV
- Sensirion AG
- Sensonar Technologies AS
- Sensor Scientific Inc
- Silicon Microstructures Inc.
- Silicon Sensing Systems Ltd.
- SSI Technologies Inc.
- Standex Electronics Inc.
- ST Microelectronics
- Stoneridge Inc.
- Sumitomo Electric Industries Ltd.
- Synaptics Inc.
- Takata Corp.
- The Shanghai Nicera Sensor Co. Ltd
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