

# Global Automotive MEMS Sensors Market Growth 2023-2029

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## Abstracts

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A MEMS sensor is a small-scale microelectromechanical systems (MEMS) device for detecting and measuring magnetic fields (Magnetometer). Many of these operate by detecting effects of the Lorentz force: a change in voltage or resonant frequency may be measured electronically, or a mechanical displacement may be measured optically. Compensation for temperature effects is necessary. Its use as a miniaturized compass may be one such simple example application.

LPI (LP Information)' newest research report, the "Automotive MEMS Sensors Industry Forecast" looks at past sales and reviews total world Automotive MEMS Sensors sales in 2022, providing a comprehensive analysis by region and market sector of projected Automotive MEMS Sensors sales for 2023 through 2029. With Automotive MEMS Sensors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive MEMS Sensors industry.

This Insight Report provides a comprehensive analysis of the global Automotive MEMS Sensors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive MEMS Sensors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive MEMS Sensors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors

shaping the global outlook for Automotive MEMS Sensors and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive MEMS Sensors.

The global Automotive MEMS Sensors market size is projected to grow from US\$ 2652.5 million in 2022 to US\$ 3301.5 million in 2029; it is expected to grow at a CAGR of 3301.5 from 2023 to 2029.

North America and Europe remains the two largest markets for the automotive MEMS sensors, while Asia-Pacific along with Rest of the World regions have witnessed comparatively higher growth rate, in the past few years.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive MEMS Sensors market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Inertial Sensor

Magnetometers

Pressure Sensor

Thermal Sensor

Gas Sensor

Optical MEMS

Others

Segmentation by application

Crash Sensing for Airbag Control

Vehicle Dynamic Control

Rollover Detection

Antitheft Systems

Electronic Parking Brake Systems

Vehicle Navigation Systems

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Analog Devices Inc.

Hitachi Ltd.

Infineon Technologies AG

Murata Manufacturing Co. Ltd.

Panasonic Corporation

STMicroelectronics N.V.

Sensata Technologies, Inc

Bosch

TDK

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive MEMS Sensors market?

What factors are driving Automotive MEMS Sensors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Automotive MEMS Sensors market opportunities vary by end market size?

How does Automotive MEMS Sensors break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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