

# Technology Landscape, Trends and Opportunities in the Global Motion Sensor Market

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## Abstracts

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The technologies in motion sensor market have undergone significant change in recent years, from narrow coverage area to wider coverage area. The rising wave of new technologies, such as infrared and microwave are creating significant potential for advanced motion sensor in home security and automotive applications, and driving the demand for motion sensor technologies.

In motion sensor market, various technologies, such as MEMS gyroscope, MEMS accelerometer, MEMS magnetometer, MEMS combo, infrared, ultrasonic, microwave, dual technology, and tomographic sensors are used for monitoring device movement. Increasing penetration of motion sensors in smartphone and tablets, growing interactive motion gaming, and increasing safety and security features in the automotive industry are creating new opportunities for various motion sensor technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the motion sensor market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global motion sensor technology by application, technology, and region as follows:

### Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology Type [\$M shipment analysis from 2018 to 2030]:

MEMS Gyroscope

MEMS Accelerometer

MEMS Magnetometer

MEMS Combo

Infrared Sensor

Ultrasonic Sensor

Microwave Sensor

Others

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Consumer Electronics

MEMS Gyroscope

MEMS Accelerometer

MEMS Magnetometer

MEMS Combo

Infrared Sensor

Ultrasonic Sensor

Microwave Sensor

Others

Automotive

MEMS Gyroscope

MEMS Accelerometer

MEMS Magnetometer

MEMS Combo

Infrared Sensor

Ultrasonic Sensor

Microwave Sensor

Others

Aerospace & Defense

MEMS Gyroscope

MEMS Accelerometer

MEMS Magnetometer

MEMS Combo

Infrared Sensor

Ultrasonic Sensor

Microwave Sensor

Others

Healthcare

MEMS Gyroscope

MEMS Accelerometer

MEMS Magnetometer

MEMS Combo

Infrared Sensor

Ultrasonic Sensor

Microwave Sensor

Others

Industrial Electronics

MEMS Gyroscope

MEMS Accelerometer

MEMS Magnetometer

MEMS Combo

Infrared Sensor

Ultrasonic Sensor

Microwave Sensor

Others

Others

MEMS Gyroscope

MEMS Accelerometer

MEMS Magnetometer

MEMS Combo

Infrared Sensor

Ultrasonic Sensor

Microwave Sensor

Others

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018 to 2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Motion Sensor Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the motion sensor companies profiled in this report include STMicroelectronics, Murata Manufacturing, Honeywell International, NXP Semiconductors, Analog Devices, Microchip Technology, TDK InvenSense, Bosch Sensortec, Memscic, and Kionix.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the motion sensor market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in motion sensor market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in motion sensor market?

Q.6 What are the latest developments in motion sensor technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this motion sensor market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this motion sensor technology space?

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