

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

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## Abstracts

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The technologies in wearable sensors have undergone significant change in recent years, with traditional wrist band activity trackers t%li%advanced sensor patches. The rising wave of new technologies, such as inertial sensors and pressure sensors are creating significant potential in wrist wear and body wear applications, and driving the demand for wearable devices.

In wearable sensor market, various technologies, such as accelerometers, magnetometers, gyroscopes, image sensors, inertial sensors, temperature and humidity sensors, pressure and force sensors, touch sensors and motion sensors are used in wearable device t%li%record movements as well as basic health information. Miniaturization of sensors, increasing health concern among people, and rising share of aging population are creating new opportunities for various wearable sensor technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the wearable 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 wearable sensor market 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]:

Accelerometers

Magnetometers

Gyroscopes

Image Sensors

Inertial Sensors

Temperature and Humidity Sensors

Pressure and Force Sensors

Touch Sensors

Motion Sensors

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

Wrist wear

Accelerometers

Magnetometers

Gyroscopes

Image Sensors

Inertial Sensors

Temperature and Humidity Sensors

Pressure and Force Sensors

Touch Sensors

Motion Sensors

Eyewear

Accelerometers

Magnetometers

Gyroscopes

Image Sensors

Inertial Sensors

Temperature and Humidity Sensors

Pressure and Force Sensors

Touch Sensors

Motion Sensors

Footwear

Accelerometers

Magnetometers

Gyroscopes

Image Sensors

Inertial Sensors

Temperature and Humidity Sensors

Pressure and Force Sensors

Touch Sensors

Motion Sensors

Neckwear

Accelerometers

Magnetometers

Gyroscopes

Image Sensors

Inertial Sensors

Temperature and Humidity Sensors

Pressure and Force Sensors

Touch Sensors

Motion Sensors

Body wear

Accelerometers

Magnetometers

Gyroscopes

Image Sensors

Inertial Sensors

Temperature and Humidity Sensors

Pressure and Force Sensors

Touch Sensors

Motion Sensors

Others

Accelerometers

Magnetometers

Gyroscopes

Image Sensors

Inertial Sensors

Temperature and Humidity Sensors

Pressure and Force Sensors

Touch Sensors

Motion Sensors

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018  
t%li%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 Wearable Sensor Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the wearable sensor companies profiled in this report include Sony Corporation, STMicroelectronics, Analog Devices, ABB, Texas Instruments, Robert Bosch, and Infineon Technologies.

This report answers following 9 key questions:

*Technology Landscape, Trends and Opportunities in the Global Wearable Sensor Market*

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

Q.6 What are the latest developments in wearable 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 wearable sensor market? What strategic initiatives are being implemented by key players for business growth?

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

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