

Global Accelerometer and Gyroscope Market - Forecasts from 2018 to 2023

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Abstracts

Global accelerometer and gyroscope market is projected to witness a CAGR of 4.26% during the forecast period to reach a total market size of US\$4.360 billion by 2023, increasing from US\$3.395 billion in 2017. The accelerometer and gyroscope are electromechanical devices which are used to determine and analyze the acceleration and orientation of an object respectively. They can be used individually as well as in combination to generate a robust array of information. Such devices are used extensively used in automobiles and consumer electronics industries. The global accelerometer and gyroscope market is being significantly driven by the expansion of automobile industry and consumer electronics on account of rising purchasing power and technological advancements. However, the low precision level of such devices restrains the market growth to some extent. Geographically, Asia Pacific region drives the global demand for accelerometers and gyroscopes owing to rising middle class population and expanding urbanization which are leading to growth of end-use industries.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part

of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top-down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the value chain of the global accelerometer and gyroscope market. The last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the market.

Major industry players profiled as part of the report are NXP Semiconductor, Northrop Grumman Corporation, Analog Devices, Inc., Robert Bosch GmbH, Honeywell International, Inc., and PCB Piezotronics among others.

Segmentation

The global accelerometer and gyroscope market has been analyzed through following segments:

By Type

Accelerometers

Piezoelectric Accelerometer

MEMS Accelerometer

Others

Gyroscope

Fiber- Optic Gyroscope

MEMS Gyroscope

Ring Layer Gyroscope

By End User Industry

Automotive

Aerospace and Defense

Healthcare

Electronics

By Geography

North America

U.S.

Canada

Mexico

Others

South America

Brazil

Argentina

Others

Europe

United Kingdom

Germany

France

Italy

Others

Middle East and Africa

United Arab Emirates

Israel

Saudi Arabia

Others

Asia Pacific

China

Japan

India

South Korea

Australia

Others

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