

3D Magnetic Sensor - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global 3D Magnetic Sensor Market is expected to grow at a CAGR of 19.7% during the forecast period. Some of the key factors influencing the market are growing in automotive industry and unceasing growth in consumer electronics. However, Lengthy design phase increases time-to-market and falling average selling prices (ASPS) of sensor components affecting new market entrants hampers the market growth of 3D magnetic sensor market.

3D magnetic sensor is a sensor that is able to detect magnetic signals in X, Y, and, Z directions. It supports wide measurement range with high resolution in 3D detection and captures magnetic fields in 3-dimensions. The sensor family is ideally suited for the measurement of three dimensional movement within a magnetic field, linear slide movement as well as 360 degrees angle rotation.

Based on Technology, Hall Effect Sensors segment is constantly enhancing as the Hall Effect sensor is a device that is used to measure the magnitude of a magnetic field. Its output voltage is directly proportional to the magnetic field strength through it. Hall Effect sensors are used for proximity sensing, positioning, speed detection, and current sensing applications.

By Geography, Asia Pacific is anticipated to exhibit the considerable growth due to increase in demand for consumer electronic devices such as laptops, smartphones, and cameras are driving the growth of the market in this region. The implementation of a wide range of sensors, even in budget smartphones, and the growing demand for fitness bands are the key factors driving the market in APAC.

Some of the key players in Global 3D Magnetic Sensor market are AKM, Allegro

MicroSystems, Analog Devices, Asahi Kasei, Bosch, Honeywell International, Infineon Technologies, Melexis, NXP Semiconductors, STMicroelectronics and TDK.

Sensor Types Covered:

Linear 3D Magnetic Sensors

Rotary 3D Magnetic Sensors

Technologies Covered:

Anisotropic Magnetoresistive (AMR) Sensors

Giant Magnetoresistive (GMR) Sensors

Hall Effect Sensors

Other Technologies

Applications Covered:

Automobile

Consumer Electronics

Industrial

Other Applications

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances.

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