

Magnetic Field Sensor - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Magnetic Field Sensor market is accounted for \$3.00 million in 2017 and is expected to reach \$7.55 million by 2026 growing at a CAGR of 10.7%. Factors such as growth in automotive industry and endless growth in consumer electronics segment are driving the market. However, falling average selling prices (asps) of semiconductors & sensors is hampering the Magnetic Field Sensor market.

Magnetic field sensor is a device used to contemplate the magnetic field around the loop, electrical device and around changeless magnets. Magnetic field sensors comprise of pivoting sensor tip which estimates both transverse and longitudinal attractive fields around the items. The magnetic sensor utilizes 'Hall Effect' (produces voltage difference across an electrical conductor, transverse to electric current) transducer that estimates the vector component of the magnetic field close to the sensor tip.

Based on end user, the consumer electronics industry is going to have a lucrative growth in the development stage and is relied to witness demand in the coming years due to the new applications, such as motion gaming and navigation being presented in gadgets, such as cell phones. The presentation of new innovations will expand the development period of the attractive field sensor market. Magnetic sensors additionally assume a significant job in giving critical directional information to drones. Subsequently, there is gigantic development potential for magnetic sensors in consumer drone applications.

By geography, Magnetic field sensors have a developing interest in the Asia Pacific region owing to the expanding focal point of the region automotive, consumer

electronics, and healthcare sectors. China is the automotive and consumer electronics manufacturing nation. Hence, the quickest development in APAC will be found in China for the most part because of the applications, such as ABS technology and central locking systems wherein magnetic field sensors are to a great extent utilized.

Some of the key players in the Magnetic Field Sensor market include Amsasahi Kasei Microdevices Corporation, Allegro Microsystems, Infineon Technologies, TDK Corporation, Melexis, Honeywell International, TE Connectivity, AMS, NXP Semiconductors, Kohshin Electric, Startup Ecosystems, Asahi Kasei Co and Micronas Semiconductors Holdings AG.

Ranges Covered:

10 Gauss (Bias Magnetic Field Sensors)

Types Covered:

Squid Sensors

Hall Effect Sensors

Fluxgate Sensors

Magneto Resistive Sensors

Other Types

Magnitudes Covered:

BIAS Magnetic Field Sensors

Low Field Sensors

Earth's Field Sensors

Applications Covered:

Flow Rate Sensing

Speed Sensing

Navigation

Position Sensing

Electronic Compass

Detection

Robotics

Energy, Power and Utilities

Proximity Detection

Other Applications

End Users Covered:

Transportation

Banking, Financial Services And Insurance (BFSI)

Healthcare

Consumer Electronics

Aerospace & Defense

Homeland Security

Industrial

Other End Users

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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