

# Global Magnetic Field Sensors Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Magnetic Field Sensors market size was valued at US\$ 3414 million in 2024 and is forecast to a readjusted size of USD 6087 million by 2031 with a CAGR of 8.7% during review period.

Magnetic field sensors are used to measure magnetic flux and/or the strength and direction of a magnetic field. They are used mainly in scientific measurement, navigation, and Consumer Devices. Magnetic field sensors are widely used in automotive, electronics and modern industry to measure the current, position, direction and other physical parameters by induced magnetic field intensity. Magnetic Field Sensors can be classified according to whether they measure the total magnetic field or the vector components of the magnetic field. The techniques used to produce both types of Magnetic Field Sensors encompass many aspects of physics and electronics.

Global 5 largest manufacturers of Magnetic Field Sensors are Infineon, Allegro MicroSystem, Asahi Kasei Microdevices, Shanghai Orient-Chip Technology and NXP, which make up about 54%.

Asia-Pacific is the largest market, with a share over 40%, followed by North America and Europe, with the share about 28% and 22%. In terms of product type, Hall Effect occupy the largest share of the total market, about 67%. And in terms of application, the largest application is Automotive, followed by Consumer Devices and Industrial & Infrastructure.

This report is a detailed and comprehensive analysis for global Magnetic Field Sensors market. Both quantitative and qualitative analyses are presented by manufacturers, by

region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Magnetic Field Sensors market size and forecasts, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/K Units), 2020-2031

Global Magnetic Field Sensors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/K Units), 2020-2031

Global Magnetic Field Sensors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/K Units), 2020-2031

Global Magnetic Field Sensors market shares of main players, shipments in revenue (\$ Million), sales quantity (M Units), and ASP (US\$/K Units), 2020-2025

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Magnetic Field Sensors

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Magnetic Field Sensors market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Allegro MicroSystem, Infineon, Asahi Kasei Microdevices, TDK, NXP, Melexis, Honeywell, ams OSRAM, Diodes, Texas Instruments, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Magnetic Field Sensors market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Hall Effect

AMR

GMR

TMR

Others

### Market segment by Application

Automotive

Industrial & Infrastructure

Consumer Electronics

Others

### Major players covered

Allegro MicroSystem

Infineon

Asahi Kasei Microdevices

TDK

NXP

Melexis

Honeywell

ams OSRAM

Diodes

Texas Instruments

TE Connectivity

Analog Devices

Shanghai Orient-Chip Technology

Murata

MEMSic

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East)

& Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Magnetic Field Sensors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Magnetic Field Sensors, with price, sales quantity, revenue, and global market share of Magnetic Field Sensors from 2020 to 2025.

Chapter 3, the Magnetic Field Sensors competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Magnetic Field Sensors breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Magnetic Field Sensors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Magnetic Field Sensors.

Chapter 14 and 15, to describe Magnetic Field Sensors sales channel, distributors, customers, research findings and conclusion.

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