

Global Magnetic Field Sensors Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G4D3AF58CA99EN.html>

Date: November 2023

Pages: 145

Price: US\$ 4,480.00 (Single User License)

ID: G4D3AF58CA99EN

Abstracts

The global Magnetic Field Sensors market size is expected to reach \$ 5220.1 million by 2029, rising at a market growth of 8.5% CAGR during the forecast period (2023-2029).

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.

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.

This report studies the global Magnetic Field Sensors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Magnetic

Field Sensors, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Magnetic Field Sensors that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Magnetic Field Sensors total production and demand, 2018-2029, (M Units)

Global Magnetic Field Sensors total production value, 2018-2029, (USD Million)

Global Magnetic Field Sensors production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global Magnetic Field Sensors consumption by region & country, CAGR, 2018-2029 & (M Units)

U.S. VS China: Magnetic Field Sensors domestic production, consumption, key domestic manufacturers and share

Global Magnetic Field Sensors production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Units)

Global Magnetic Field Sensors production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Units)

Global Magnetic Field Sensors production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Units).

This reports profiles key players in the global Magnetic Field Sensors market based on the following parameters – company overview, production, value, 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 and Diodes, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Magnetic Field Sensors market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Units) and average price (US\$/K Units) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Magnetic Field Sensors Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Magnetic Field Sensors Market, Segmentation by Type

Hall Effect

AMR

GMR

TMR

Others

Global Magnetic Field Sensors Market, Segmentation by Application

Automotive

Industrial & Infrastructure

Consumer Electronics

Others

Companies Profiled:

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

Key Questions Answered

1. How big is the global Magnetic Field Sensors market?
2. What is the demand of the global Magnetic Field Sensors market?
3. What is the year over year growth of the global Magnetic Field Sensors market?
4. What is the production and production value of the global Magnetic Field Sensors market?
5. Who are the key producers in the global Magnetic Field Sensors market?

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