

Global On-Board Magnetic Hall Effect Sensors Market Growth 2025-2031

<https://marketpublishers.com/r/G6C0CAEA276EEN.html>

Date: November 2025

Pages: 92

Price: US\$ 3,660.00 (Single User License)

ID: G6C0CAEA276EEN

Abstracts

The global On-Board Magnetic Hall Effect Sensors market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

United States market for On-Board Magnetic Hall Effect Sensors is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for On-Board Magnetic Hall Effect Sensors is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for On-Board Magnetic Hall Effect Sensors is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key On-Board Magnetic Hall Effect Sensors players cover Asahi Kasei Microdevices (Japan), Sanken Electric (Allegro Subsidiary) (Japan), Infineon Technologies (Germany), TDK Corporation (Japan), Melexis NV (Belgium), etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "On-Board Magnetic Hall Effect Sensors Industry Forecast" looks at past sales and reviews total world On-Board Magnetic Hall Effect Sensors sales in 2024, providing a comprehensive analysis by

region and market sector of projected On-Board Magnetic Hall Effect Sensors sales for 2025 through 2031. With On-Board Magnetic Hall Effect Sensors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world On-Board Magnetic Hall Effect Sensors industry.

This Insight Report provides a comprehensive analysis of the global On-Board Magnetic Hall Effect Sensors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on On-Board Magnetic Hall Effect Sensors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global On-Board Magnetic Hall Effect Sensors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for On-Board Magnetic Hall Effect Sensors and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global On-Board Magnetic Hall Effect Sensors.

This report presents a comprehensive overview, market shares, and growth opportunities of On-Board Magnetic Hall Effect Sensors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Below 1 Microgauss (Low-Field Sensors)

1 Microgauss to 10 Gauss (Earth Field Sensors)

Above 10 Gauss (Bias Magnetic Field Sensors)

Segmentation by Application:

Automotive

Consumer Electronics

Healthcare

Aerospace & Defense

Industrial

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Asahi Kasei Microdevices (Japan)

Sanken Electric (Allegro Subsidiary) (Japan)

Infineon Technologies (Germany)

TDK Corporation (Japan)

Melexis NV (Belgium)

Murata Manufacturing (Japan)

Honeywell International (US)

TE Connectivity (Switzerland)

AMS (Austria)

NXP Semiconductors N.V. (Netherlands)

Key Questions Addressed in this Report

What is the 10-year outlook for the global On-Board Magnetic Hall Effect Sensors market?

What factors are driving On-Board Magnetic Hall Effect Sensors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do On-Board Magnetic Hall Effect Sensors market opportunities vary by end market size?

How does On-Board Magnetic Hall Effect Sensors break out by Type, by Application?

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