

# Global Magnetic Current Sensor ICs Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/MBF09E9F3376EN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: MBF09E9F3376EN

## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Magnetic Current Sensor ICs market size will reach 678.39 Million USD in 2025 and is projected to reach 1,448.91 Million USD by 2032, with a CAGR of 11.45% (2025-2032). Notably, the China Magnetic Current Sensor ICs market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Magnetic current sensor ICs are integrated circuits designed to measure electric current through the detection of magnetic fields generated by the current flow. These sensors use principles such as the Hall effect or magnetoresistance to convert magnetic field data into an electrical signal proportional to the current. Magnetic current sensor ICs offer non-contact current measurement, which improves safety and reliability by isolating the sensor from the current-carrying conductor. They are widely used in applications including motor control, battery management systems, power supplies, and industrial automation, offering high accuracy, wide measurement ranges, and compact form factors.

The major global manufacturers of Magnetic Current Sensor ICs include Allegro Microsystems, Infineon, Melexis, Sinomags Technology, Asahi Kasei Microdevices, TDK, Texas Instruments, MagnTek, Analog Devices, Senksemi-electronics, CrossChip, Cosemitech, Novosense Microelectronics, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises

that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Magnetic Current Sensor ICs. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Magnetic Current Sensor ICs market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Magnetic Current Sensor ICs market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Magnetic Current Sensor ICs industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Magnetic Current Sensor ICs Include:

Allegro Microsystems

Infineon

Melexis

Sinomags Technology

Asahi Kasei Microdevices

TDK

Texas Instruments

MagnTek

Analog Devices

Senksemi-electronics

CrossChip

Cosemitech

Novosense Microelectronics

Magnetic Current Sensor ICs Product Segment Include:

Hall Effect Magnetic Current Sensor ICs

xMR Magnetic Current Sensor ICs

Magnetic Current Sensor ICs Product Application Include:

Automotive

Industrial

Energy

Consumer Electronics

Others

## **Chapter Scope**

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