

Global Automotive Magnetic Angle Encoder IC Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Automotive Magnetic Angle Encoder IC market size was valued at US\$ 124 million in 2025 and is forecast to a readjusted size of US\$ 195 million by 2032 with a CAGR of 6.9% during review period.

An Automotive Magnetic Angle Encoder IC is an automotive-grade sensor chip used to measure the rotational angle or angular position of a shaft, motor rotor, pedal, valve, steering component, or actuator by detecting the magnetic field from a nearby permanent magnet. It is usually mounted on a PCB near a rotating magnet, and the IC converts the magnetic field direction into an electrical angle signal, such as analog voltage, PWM, SENT, SPI, ABZ, UVW, or other digital outputs.

In 2025, global Automotive Magnetic Angle Encoder IC sales volume reached approximately 92.7 million pcs, with average price of 1.3 USD per pcs.

This report is a detailed and comprehensive analysis for global Automotive Magnetic Angle Encoder IC 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 Automotive Magnetic Angle Encoder IC market size and forecasts, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Automotive Magnetic Angle Encoder IC market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Automotive Magnetic Angle Encoder IC market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global Automotive Magnetic Angle Encoder IC market shares of main players, shipments in revenue (\$ Million), sales quantity (K Pcs), and ASP (US\$/Pcs), 2021-2026

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 Automotive Magnetic Angle Encoder IC

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 Automotive Magnetic Angle Encoder IC 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 MicroSystems, ams OSRAM, Melexis, Broadcom, iC-Haus GmbH, Asahi Kasei Microdevices, TE Connectivity, Magntek, MultiDimension Technology, Semiment Technology, etc.

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

Market Segmentation

Automotive Magnetic Angle Encoder IC market is split by Type and by Application. For the period 2021-2032, 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

Magnetoresistive Type

Hall Type

Market segment by Product

Absolute Angle Encoder IC

Incremental Magnetic Encoder IC

Market segment by Application

Passenger Vehicle

Commercial Vehicle

Major players covered

Allegro MicroSystems

ams OSRAM

Melexis

Broadcom

iC-Haus GmbH

Asahi Kasei Microdevices

TE Connectivity

Magntek

MultiDimension Technology

Semiment Technology

Alpha Electronics

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 Automotive Magnetic Angle Encoder IC product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive Magnetic Angle Encoder IC, with price, sales quantity, revenue, and global market share of Automotive Magnetic Angle Encoder IC from 2021 to 2026.

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

Chapter 4, the Automotive Magnetic Angle Encoder IC breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and Automotive Magnetic Angle Encoder IC market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 Automotive Magnetic Angle Encoder IC.

Chapter 14 and 15, to describe Automotive Magnetic Angle Encoder IC sales channel, distributors, customers, research findings and conclusion.

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