

# Global Automotive Magnetic Angle Encoder IC Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Automotive Magnetic Angle Encoder IC market size is expected to reach \$ 195 million by 2032, rising at a market growth of 6.9% CAGR during the forecast period (2026-2032).

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 studies the global Automotive Magnetic Angle Encoder IC production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Magnetic Angle Encoder IC and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Magnetic Angle Encoder IC that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Magnetic Angle Encoder IC total production and demand, 2021-2032, (K Pcs)

Global Automotive Magnetic Angle Encoder IC total production value, 2021-2032, (USD Million)

Global Automotive Magnetic Angle Encoder IC production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs), (based on production site)

Global Automotive Magnetic Angle Encoder IC consumption by region & country, CAGR, 2021-2032 & (K Pcs)

U.S. VS China: Automotive Magnetic Angle Encoder IC domestic production, consumption, key domestic manufacturers and share

Global Automotive Magnetic Angle Encoder IC production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Pcs)

Global Automotive Magnetic Angle Encoder IC production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

Global Automotive Magnetic Angle Encoder IC production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Pcs)

This report profiles key players in the global Automotive Magnetic Angle Encoder IC 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 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Magnetic Angle Encoder IC market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pcs) and average price (US\$/Pcs) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Automotive Magnetic Angle Encoder IC Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Magnetic Angle Encoder IC Market, Segmentation by Type:

Magnetoresistive Type

Hall Type

Global Automotive Magnetic Angle Encoder IC Market, Segmentation by Product:

Absolute Angle Encoder IC

Incremental Magnetic Encoder IC

Global Automotive Magnetic Angle Encoder IC Market, Segmentation by Application:

Passenger Vehicle

Commercial Vehicle

Companies Profiled:

Allegro MicroSystems

ams OSRAM

Melexis

Broadcom

iC-Haus GmbH

Asahi Kasei Microdevices

TE Connectivity

Magntek

MultiDimension Technology

Semiment Technology

Alpha Electronics

#### Key Questions Answered:

1. How big is the global Automotive Magnetic Angle Encoder IC market?
2. What is the demand of the global Automotive Magnetic Angle Encoder IC market?
3. What is the year over year growth of the global Automotive Magnetic Angle Encoder IC market?
4. What is the production and production value of the global Automotive Magnetic Angle Encoder IC market?
5. Who are the key producers in the global Automotive Magnetic Angle Encoder IC market?
6. What are the growth factors driving the market demand?

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