



Hall-effect Sensor IC Industry Research Report 2026

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Description

The global Hall-effect Sensor IC market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Hall-effect Sensor IC is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Hall-effect Sensor IC is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Hall-effect Sensor IC is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Hall-effect Sensor IC include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Hall-effect Sensor IC market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Hall-effect Sensor IC.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Hall-effect Sensor IC Market by Company

Asahi Kasei Microdevices (AKM)

Infineon Technologies

Diodes

TDK-Micronas

Allegro MicroSystems

Melexis

Honeywell

Winson Semiconductor

ABLIC

Torex Semiconductor

ROHM

Wuxi Etek Microelectronics

Sytatek

Mantu sense technology

Hall-effect Sensor IC Segment by Type

Linear Hall Effect ICs

Hall-Effect Switch ICs

Hall-effect Sensor IC Segment by Application

Smartphone

Vehicle Electronics

TWS Earphone

Others

Hall-effect Sensor IC Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Middle East & Africa

Egypt

South Africa

Israel

Türkiye

GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Hall-effect Sensor IC market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Hall-effect Sensor IC and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Hall-effect Sensor IC.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Hall-effect Sensor IC manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Hall-effect Sensor IC by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Hall-effect Sensor IC in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Hall-effect Sensor IC by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Linear Hall Effect ICs
 - 2.2.3 Hall-Effect Switch ICs
- 2.3 Hall-effect Sensor IC by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Smartphone
 - 2.3.3 Vehicle Electronics
 - 2.3.4 TWS Earphone
 - 2.3.5 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Hall-effect Sensor IC Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Hall-effect Sensor IC Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Hall-effect Sensor IC Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Hall-effect Sensor IC Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Hall-effect Sensor IC Production by Manufacturers (2021-2026)
- 3.2 Global Hall-effect Sensor IC Production Value by Manufacturers (2021-2026)
- 3.3 Global Hall-effect Sensor IC Average Price by Manufacturers (2021-2026)
- 3.4 Global Hall-effect Sensor IC Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Hall-effect Sensor IC Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Hall-effect Sensor IC Manufacturers, Product Type & Application
- 3.7 Global Hall-effect Sensor IC Manufacturers Established Date
- 3.8 Global Hall-effect Sensor IC Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Asahi Kasei Microdevices (AKM)
 - 4.1.1 Asahi Kasei Microdevices (AKM) Hall-effect Sensor IC Company Information
 - 4.1.2 Asahi Kasei Microdevices (AKM) Hall-effect Sensor IC Business Overview
 - 4.1.3 Asahi Kasei Microdevices (AKM) Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)
 - 4.1.4 Asahi Kasei Microdevices (AKM) Product Portfolio
 - 4.1.5 Asahi Kasei Microdevices (AKM) Recent Developments
- 4.2 Infineon Technologies

4.2.1 Infineon Technologies Hall-effect Sensor IC Company Information

4.2.2 Infineon Technologies Hall-effect Sensor IC Business Overview

4.2.3 Infineon Technologies Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)

4.2.4 Infineon Technologies Product Portfolio

4.2.5 Infineon Technologies Recent Developments

4.3 Diodes

4.3.1 Diodes Hall-effect Sensor IC Company Information

4.3.2 Diodes Hall-effect Sensor IC Business Overview

4.3.3 Diodes Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)

4.3.4 Diodes Product Portfolio

4.3.5 Diodes Recent Developments

4.4 TDK-Micronas

4.4.1 TDK-Micronas Hall-effect Sensor IC Company Information

4.4.2 TDK-Micronas Hall-effect Sensor IC Business Overview

4.4.3 TDK-Micronas Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)

4.4.4 TDK-Micronas Product Portfolio

4.4.5 TDK-Micronas Recent Developments

4.5 Allegro MicroSystems

4.5.1 Allegro MicroSystems Hall-effect Sensor IC Company Information

4.5.2 Allegro MicroSystems Hall-effect Sensor IC Business Overview

4.5.3 Allegro MicroSystems Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)

4.5.4 Allegro MicroSystems Product Portfolio

4.5.5 Allegro MicroSystems Recent Developments

4.6 Melexis

4.6.1 Melexis Hall-effect Sensor IC Company Information

4.6.2 Melexis Hall-effect Sensor IC Business Overview

4.6.3 Melexis Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)

4.6.4 Melexis Product Portfolio

4.6.5 Melexis Recent Developments

4.7 Honeywell

4.7.1 Honeywell Hall-effect Sensor IC Company Information

4.7.2 Honeywell Hall-effect Sensor IC Business Overview

4.7.3 Honeywell Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)

4.7.4 Honeywell Product Portfolio

4.7.5 Honeywell Recent Developments

4.8 Winson Semiconductor

4.8.1 Winson Semiconductor Hall-effect Sensor IC Company Information

4.8.2 Winson Semiconductor Hall-effect Sensor IC Business Overview

4.8.3 Winson Semiconductor Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)

4.8.4 Winson Semiconductor Product Portfolio

4.8.5 Winson Semiconductor Recent Developments

4.9 ABLIC

4.9.1 ABLIC Hall-effect Sensor IC Company Information

4.9.2 ABLIC Hall-effect Sensor IC Business Overview

4.9.3 ABLIC Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)

4.9.4 ABLIC Product Portfolio

4.9.5 ABLIC Recent Developments

4.10 Torex Semiconductor

- 4.10.1 Torex Semiconductor Hall-effect Sensor IC Company Information
- 4.10.2 Torex Semiconductor Hall-effect Sensor IC Business Overview
- 4.10.3 Torex Semiconductor Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)
- 4.10.4 Torex Semiconductor Product Portfolio
- 4.10.5 Torex Semiconductor Recent Developments

4.11 ROHM

- 4.11.1 ROHM Hall-effect Sensor IC Company Information
- 4.11.2 ROHM Hall-effect Sensor IC Business Overview
- 4.11.3 ROHM Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)
- 4.11.4 ROHM Product Portfolio
- 4.11.5 ROHM Recent Developments

4.12 Wuxi Etek Microelectronics

- 4.12.1 Wuxi Etek Microelectronics Hall-effect Sensor IC Company Information
- 4.12.2 Wuxi Etek Microelectronics Hall-effect Sensor IC Business Overview
- 4.12.3 Wuxi Etek Microelectronics Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)
- 4.12.4 Wuxi Etek Microelectronics Product Portfolio
- 4.12.5 Wuxi Etek Microelectronics Recent Developments

4.13 Sytatek

- 4.13.1 Sytatek Hall-effect Sensor IC Company Information
- 4.13.2 Sytatek Hall-effect Sensor IC Business Overview
- 4.13.3 Sytatek Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)
- 4.13.4 Sytatek Product Portfolio
- 4.13.5 Sytatek Recent Developments

4.14 Mantu sense technology

- 4.14.1 Mantu sense technology Hall-effect Sensor IC Company Information
- 4.14.2 Mantu sense technology Hall-effect Sensor IC Business Overview
- 4.14.3 Mantu sense technology Hall-effect Sensor IC Production, Value and Gross Margin (2021-2026)
- 4.14.4 Mantu sense technology Product Portfolio
- 4.14.5 Mantu sense technology Recent Developments

5 Global Hall-effect Sensor IC Production by Region

- 5.1 Global Hall-effect Sensor IC Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.2 Global Hall-effect Sensor IC Production by Region: 2021-2032
 - 5.2.1 Global Hall-effect Sensor IC Production by Region: 2021-2026
 - 5.2.2 Global Hall-effect Sensor IC Production Forecast by Region (2027-2032)
- 5.3 Global Hall-effect Sensor IC Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.4 Global Hall-effect Sensor IC Production Value by Region: 2021-2032
 - 5.4.1 Global Hall-effect Sensor IC Production Value by Region: 2021-2026
 - 5.4.2 Global Hall-effect Sensor IC Production Value Forecast by Region (2027-2032)
- 5.5 Global Hall-effect Sensor IC Market Price Analysis by Region (2021-2026)
- 5.6 Global Hall-effect Sensor IC Production and Value, YOY Growth
 - 5.6.1 North America Hall-effect Sensor IC Production Value Estimates and Forecasts (2021-2032)
 - 5.6.2 Europe Hall-effect Sensor IC Production Value Estimates and Forecasts (2021-2032)
 - 5.6.3 China Hall-effect Sensor IC Production Value Estimates and Forecasts (2021-2032)
 - 5.6.4 Japan Hall-effect Sensor IC Production Value Estimates and Forecasts (2021-2032)
 - 5.6.5 South Korea Hall-effect Sensor IC Production Value Estimates and Forecasts (2021-2032)

6 Global Hall-effect Sensor IC Consumption by Region

- 6.1 Global Hall-effect Sensor IC Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

6.2 Global Hall-effect Sensor IC Consumption by Region (2021-2032)

- 6.2.1 Global Hall-effect Sensor IC Consumption by Region: 2021-2026
- 6.2.2 Global Hall-effect Sensor IC Forecasted Consumption by Region (2027-2032)

6.3 North America

- 6.3.1 North America Hall-effect Sensor IC Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
- 6.3.2 North America Hall-effect Sensor IC Consumption by Country (2021-2032)
- 6.3.3 United States
- 6.3.4 Canada
- 6.3.5 Mexico

6.4 Europe

- 6.4.1 Europe Hall-effect Sensor IC Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
- 6.4.2 Europe Hall-effect Sensor IC Consumption by Country (2021-2032)
- 6.4.3 Germany
- 6.4.4 France
- 6.4.5 U.K.
- 6.4.6 Italy
- 6.4.7 Russia
- 6.4.8 Spain
- 6.4.9 Netherlands
- 6.4.10 Switzerland
- 6.4.11 Sweden
- 6.4.12 Poland

6.5 Asia Pacific

- 6.5.1 Asia Pacific Hall-effect Sensor IC Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
- 6.5.2 Asia Pacific Hall-effect Sensor IC Consumption by Country (2021-2032)
- 6.5.3 China
- 6.5.4 Japan
- 6.5.5 South Korea
- 6.5.6 India
- 6.5.7 Australia
- 6.5.8 Taiwan
- 6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

- 6.6.1 South America, Middle East & Africa Hall-effect Sensor IC Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
- 6.6.2 South America, Middle East & Africa Hall-effect Sensor IC Consumption by Country (2021-2032)
- 6.6.3 Brazil
- 6.6.4 Argentina
- 6.6.5 Chile
- 6.6.6 Turkey
- 6.6.7 GCC Countries

7 Segment by Type

- 7.1 Global Hall-effect Sensor IC Production by Type (2021-2032)
 - 7.1.1 Global Hall-effect Sensor IC Production by Type (2021-2032) & (k units)
 - 7.1.2 Global Hall-effect Sensor IC Production Market Share by Type (2021-2032)
- 7.2 Global Hall-effect Sensor IC Production Value by Type (2021-2032)
 - 7.2.1 Global Hall-effect Sensor IC Production Value by Type (2021-2032) & (US\$ Million)
 - 7.2.2 Global Hall-effect Sensor IC Production Value Market Share by Type (2021-2032)

8 Segment by Application

8.1 Global Hall-effect Sensor IC Production by Application (2021-2032)

8.1.1 Global Hall-effect Sensor IC Production by Application (2021-2032) & (k units)

8.1.2 Global Hall-effect Sensor IC Production Market Share by Application (2021-2032)

8.2 Global Hall-effect Sensor IC Production Value by Application (2021-2032)

8.2.1 Global Hall-effect Sensor IC Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Hall-effect Sensor IC Production Value Market Share by Application (2021-2032)

8.3 Global Hall-effect Sensor IC Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Hall-effect Sensor IC Value Chain Analysis

9.1.1 Hall-effect Sensor IC Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Hall-effect Sensor IC Production Mode & Process

9.2 Hall-effect Sensor IC Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Hall-effect Sensor IC Distributors

9.2.3 Hall-effect Sensor IC Customers

10 Global Hall-effect Sensor IC Analyzing Market Dynamics

10.1 Hall-effect Sensor IC Industry Trends

10.2 Hall-effect Sensor IC Industry Drivers

10.3 Hall-effect Sensor IC Industry Opportunities and Challenges

10.4 Hall-effect Sensor IC Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Hall-effect Sensor IC Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Hall-effect Sensor IC Production Market Share by Manufacturers
- Table 7: Global Hall-effect Sensor IC Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Hall-effect Sensor IC Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Hall-effect Sensor IC Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Hall-effect Sensor IC Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Hall-effect Sensor IC Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Hall-effect Sensor IC Manufacturers, Product Type & Application
- Table 13: Global Hall-effect Sensor IC Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Hall-effect Sensor IC by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Asahi Kasei Microdevices (AKM) Company Information
- Table 18: Asahi Kasei Microdevices (AKM) Business Overview
- Table 19: Asahi Kasei Microdevices (AKM) Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Asahi Kasei Microdevices (AKM) Hall-effect Sensor IC Product Portfolio
- Table 21: Asahi Kasei Microdevices (AKM) Recent Development
- Table 22: Infineon Technologies Company Information
- Table 23: Infineon Technologies Business Overview
- Table 24: Infineon Technologies Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Infineon Technologies Hall-effect Sensor IC Product Portfolio
- Table 26: Infineon Technologies Recent Development
- Table 27: Diodes Company Information
- Table 28: Diodes Business Overview
- Table 29: Diodes Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: Diodes Hall-effect Sensor IC Product Portfolio
- Table 31: Diodes Recent Development
- Table 32: TDK-Micronas Company Information
- Table 33: TDK-Micronas Business Overview
- Table 34: TDK-Micronas Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: TDK-Micronas Hall-effect Sensor IC Product Portfolio
- Table 36: TDK-Micronas Recent Development
- Table 37: Allegro MicroSystems Company Information
- Table 38: Allegro MicroSystems Business Overview
- Table 39: Allegro MicroSystems Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Allegro MicroSystems Hall-effect Sensor IC Product Portfolio
- Table 41: Allegro MicroSystems Recent Development
- Table 42: Melexis Company Information
- Table 43: Melexis Business Overview
- Table 44: Melexis Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Melexis Hall-effect Sensor IC Product Portfolio
- Table 46: Melexis Recent Development
- Table 47: Honeywell Company Information
- Table 48: Honeywell Business Overview

- Table 49: Honeywell Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: Honeywell Hall-effect Sensor IC Product Portfolio
- Table 51: Honeywell Recent Development
- Table 52: Winson Semiconductor Company Information
- Table 53: Winson Semiconductor Business Overview
- Table 54: Winson Semiconductor Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Winson Semiconductor Hall-effect Sensor IC Product Portfolio
- Table 56: Winson Semiconductor Recent Development
- Table 57: ABLIC Company Information
- Table 58: ABLIC Business Overview
- Table 59: ABLIC Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: ABLIC Hall-effect Sensor IC Product Portfolio
- Table 61: ABLIC Recent Development
- Table 62: Torex Semiconductor Company Information
- Table 63: Torex Semiconductor Business Overview
- Table 64: Torex Semiconductor Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: Torex Semiconductor Hall-effect Sensor IC Product Portfolio
- Table 66: Torex Semiconductor Recent Development
- Table 67: ROHM Company Information
- Table 68: ROHM Business Overview
- Table 69: ROHM Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: ROHM Hall-effect Sensor IC Product Portfolio
- Table 71: ROHM Recent Development
- Table 72: Wuxi Etek Microelectronics Company Information
- Table 73: Wuxi Etek Microelectronics Business Overview
- Table 74: Wuxi Etek Microelectronics Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Wuxi Etek Microelectronics Hall-effect Sensor IC Product Portfolio
- Table 76: Wuxi Etek Microelectronics Recent Development
- Table 77: Sytatek Company Information
- Table 78: Sytatek Business Overview
- Table 79: Sytatek Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: Sytatek Hall-effect Sensor IC Product Portfolio
- Table 81: Sytatek Recent Development
- Table 82: Mantu sense technology Company Information
- Table 83: Mantu sense technology Business Overview
- Table 84: Mantu sense technology Hall-effect Sensor IC Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: Mantu sense technology Hall-effect Sensor IC Product Portfolio
- Table 86: Mantu sense technology Recent Development
- Table 87: Global Hall-effect Sensor IC Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 88: Global Hall-effect Sensor IC Production by Region (2021-2026) & (k units)
- Table 89: Global Hall-effect Sensor IC Production Market Share by Region (2021-2026)
- Table 90: Global Hall-effect Sensor IC Production Forecast by Region (2027-2032) & (k units)
- Table 91: Global Hall-effect Sensor IC Production Market Share Forecast by Region (2027-2032)
- Table 92: Global Hall-effect Sensor IC Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 93: Global Hall-effect Sensor IC Production Value by Region (2021-2026) & (US\$ Million)
- Table 94: Global Hall-effect Sensor IC Production Value Market Share by Region (2021-2026)
- Table 95: Global Hall-effect Sensor IC Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 96: Global Hall-effect Sensor IC Market Average Price (USD/unit) by Region (2021-2026)
- Table 97: Global Hall-effect Sensor IC Market Average Price (USD/unit) by Region (2027-2032)
- Table 98: Global Hall-effect Sensor IC Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 99: Global Hall-effect Sensor IC Consumption by Region (2021-2026) & (k units)
- Table 100: Global Hall-effect Sensor IC Consumption Market Share by Region (2021-2026)
- Table 101: Global Hall-effect Sensor IC Forecasted Consumption by Region (2027-2032) & (k units)
- Table 102: Global Hall-effect Sensor IC Forecasted Consumption Market Share by Region (2027-2032)
- Table 103: North America Hall-effect Sensor IC Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 104: North America Hall-effect Sensor IC Consumption by Country (2021-2026) & (k units)
- Table 105: North America Hall-effect Sensor IC Consumption by Country (2027-2032) & (k units)

- Table 106: Europe Hall-effect Sensor IC Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 107: Europe Hall-effect Sensor IC Consumption by Country (2021-2026) & (k units)
- Table 108: Europe Hall-effect Sensor IC Consumption by Country (2027-2032) & (k units)
- Table 109: Asia Pacific Hall-effect Sensor IC Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 110: Asia Pacific Hall-effect Sensor IC Consumption by Country (2021-2026) & (k units)
- Table 111: Asia Pacific Hall-effect Sensor IC Consumption by Country (2027-2032) & (k units)
- Table 112: South America, Middle East & Africa Hall-effect Sensor IC Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 113: South America, Middle East & Africa Hall-effect Sensor IC Consumption by Country (2021-2026) & (k units)
- Table 114: South America, Middle East & Africa Hall-effect Sensor IC Consumption by Country (2027-2032) & (k units)
- Table 115: Global Hall-effect Sensor IC Production by Type (2021-2026) & (k units)
- Table 116: Global Hall-effect Sensor IC Production by Type (2027-2032) & (k units)
- Table 117: Global Hall-effect Sensor IC Production Market Share by Type (2021-2026)
- Table 118: Global Hall-effect Sensor IC Production Market Share by Type (2027-2032)
- Table 119: Global Hall-effect Sensor IC Production Value by Type (2021-2026) & (US\$ Million)
- Table 120: Global Hall-effect Sensor IC Production Value by Type (2027-2032) & (US\$ Million)
- Table 121: Global Hall-effect Sensor IC Production Value Market Share by Type (2021-2026)
- Table 122: Global Hall-effect Sensor IC Production Value Market Share by Type (2027-2032)
- Table 123: Global Hall-effect Sensor IC Price by Type (2021-2026) & (USD/unit)
- Table 124: Global Hall-effect Sensor IC Price by Type (2027-2032) & (USD/unit)
- Table 125: Global Hall-effect Sensor IC Production by Application (2021-2026) & (k units)
- Table 126: Global Hall-effect Sensor IC Production by Application (2027-2032) & (k units)
- Table 127: Global Hall-effect Sensor IC Production Market Share by Application (2021-2026)
- Table 128: Global Hall-effect Sensor IC Production Market Share by Application (2027-2032)
- Table 129: Global Hall-effect Sensor IC Production Value by Application (2021-2026) & (US\$ Million)
- Table 130: Global Hall-effect Sensor IC Production Value by Application (2027-2032) & (US\$ Million)
- Table 131: Global Hall-effect Sensor IC Production Value Market Share by Application (2021-2026)
- Table 132: Global Hall-effect Sensor IC Production Value Market Share by Application (2027-2032)
- Table 133: Global Hall-effect Sensor IC Price by Application (2021-2026) & (USD/unit)
- Table 134: Global Hall-effect Sensor IC Price by Application (2027-2032) & (USD/unit)
- Table 135: Key Raw Materials
- Table 136: Raw Materials Key Suppliers
- Table 137: Hall-effect Sensor IC Distributors List
- Table 138: Hall-effect Sensor IC Customers List
- Table 139: Hall-effect Sensor IC Industry Trends
- Table 140: Hall-effect Sensor IC Industry Drivers
- Table 141: Hall-effect Sensor IC Industry Restraints
- Table 142: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Hall-effect Sensor IC Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Linear Hall Effect ICs Product Image
- Figure 7: Hall-Effect Switch ICs Product Image
- Figure 8: Smartphone Product Image
- Figure 9: Vehicle Electronics Product Image
- Figure 10: TWS Earphone Product Image
- Figure 11: Others Product Image
- Figure 12: Global Hall-effect Sensor IC Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 13: Global Hall-effect Sensor IC Production Value (2021-2032) & (US\$ Million)
- Figure 14: Global Hall-effect Sensor IC Production Capacity (2021-2032) & (k units)
- Figure 15: Global Hall-effect Sensor IC Production (2021-2032) & (k units)
- Figure 16: Global Hall-effect Sensor IC Average Price (USD/unit) & (2021-2032)
- Figure 17: Global Hall-effect Sensor IC Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 18: Global Top 5 and 10 Hall-effect Sensor IC Players Market Share by Production Value in 2025
- Figure 19: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 20: Global Hall-effect Sensor IC Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 21: Global Hall-effect Sensor IC Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 22: Global Hall-effect Sensor IC Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 23: Global Hall-effect Sensor IC Production Value Market Share by Region: 2021 VS 2025 VS 2032

- Figure 24: North America Hall-effect Sensor IC Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 25: Europe Hall-effect Sensor IC Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: China Hall-effect Sensor IC Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: Japan Hall-effect Sensor IC Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: South Korea Hall-effect Sensor IC Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: Global Hall-effect Sensor IC Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 30: Global Hall-effect Sensor IC Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 31: North America Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 32: North America Hall-effect Sensor IC Consumption Market Share by Country (2021-2032)
- Figure 33: United States Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 34: United States Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: Canada Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 36: Mexico Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: Europe Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Europe Hall-effect Sensor IC Consumption Market Share by Country (2021-2032)
- Figure 39: Germany Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: France Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: U.K. Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Italy Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Russia Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Spain Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Netherlands Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Switzerland Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Sweden Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Poland Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Asia Pacific Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Asia Pacific Hall-effect Sensor IC Consumption Market Share by Country (2021-2032)
- Figure 51: China Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Japan Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: South Korea Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: India Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Australia Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Taiwan Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Southeast Asia Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South America, Middle East & Africa Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: South America, Middle East & Africa Hall-effect Sensor IC Consumption Market Share by Country (2021-2032)
- Figure 60: Brazil Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Argentina Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Chile Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: Turkey Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: GCC Countries Hall-effect Sensor IC Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Global Hall-effect Sensor IC Production Market Share by Type (2021-2032)
- Figure 66: Global Hall-effect Sensor IC Production Value Market Share by Type (2021-2032)
- Figure 67: Global Hall-effect Sensor IC Price (USD/unit) by Type (2021-2032)
- Figure 68: Global Hall-effect Sensor IC Production Market Share by Application (2021-2032)
- Figure 69: Global Hall-effect Sensor IC Production Value Market Share by Application (2021-2032)
- Figure 70: Global Hall-effect Sensor IC Price (USD/unit) by Application (2021-2032)
- Figure 71: Hall-effect Sensor IC Value Chain
- Figure 72: Hall-effect Sensor IC Production Mode & Process
- Figure 73: Direct Comparison with Distribution Share
- Figure 74: Distributors Profiles
- Figure 75: Hall-effect Sensor IC Industry Opportunities and Challenges