

# Global Hall Effect Current Sensors for Automotive Market Growth 2022-2028

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## Abstracts

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A hall effect current sensor allows non-contact detection of direct and alternating currents, using a hall element, a magnet-electric converting element. This minimizes power loss of the target current circuit and has a simple structure with high reliability.

The global market for Hall Effect Current Sensors for Automotive is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Hall Effect Current Sensors for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Hall Effect Current Sensors for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Hall Effect Current Sensors for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Hall Effect Current Sensors for Automotive market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Hall Effect Current Sensors for Automotive players cover LEM Holding SA, Allegro Microsystems, LLC, Melexis NV, TDK Micronas and Honeywell International Inc., etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

## Report Coverage

This latest report provides a deep insight into the global Hall Effect Current Sensors for Automotive market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Hall Effect Current Sensors for Automotive market, with both quantitative and qualitative data, to help readers understand how the Hall Effect Current Sensors for Automotive market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in M Units.

## Market Segmentation:

The study segments the Hall Effect Current Sensors for Automotive market and forecasts the market size by Type (Open Loop and Close Loop,), by Application (Gas Vehicle and Electric Vehicle.), and region (APAC, Americas, Europe, and Middle East & Africa).

### Segmentation by type

Open Loop

Close Loop

### Segmentation by application

Gas Vehicle

Electric Vehicle

Segmentation 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

Major companies covered

LEM Holding SA

Allegro Microsystems, LLC

Melexis NV

TDK Micronas

Honeywell International Inc.

Robert Bosch GmbH

DENSO

Continental

Kohshin Electric Corporation

Infineon

Nicera

BYD

CRRC

Sinomags Electrical

## Chapter Introduction

Chapter 1: Scope of Hall Effect Current Sensors for Automotive, Research Methodology, etc.

Chapter 2: Executive Summary, global Hall Effect Current Sensors for Automotive market size (sales and revenue) and CAGR, Hall Effect Current Sensors for Automotive market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Hall Effect Current Sensors for Automotive sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Hall Effect Current Sensors for Automotive sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Hall Effect Current Sensors for Automotive market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including LEM Holding SA, Allegro Microsystems, LLC, Melexis NV, TDK Micronas, Honeywell International Inc., Robert Bosch GmbH, DENSO, Continental and Kohshin Electric Corporation, etc.

Chapter 14: Research Findings and Conclusion

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Hall Effect Current Sensors for Automotive Annual Sales 2017-2028
  - 2.1.2 World Current & Future Analysis for Hall Effect Current Sensors for Automotive by Geographic Region, 2017, 2022 & 2028
  - 2.1.3 World Current & Future Analysis for Hall Effect Current Sensors for Automotive by Country/Region, 2017, 2022 & 2028
- 2.2 Hall Effect Current Sensors for Automotive Segment by Type
  - 2.2.1 Open Loop
  - 2.2.2 Close Loop
- 2.3 Hall Effect Current Sensors for Automotive Sales by Type
  - 2.3.1 Global Hall Effect Current Sensors for Automotive Sales Market Share by Type (2017-2022)
  - 2.3.2 Global Hall Effect Current Sensors for Automotive Revenue and Market Share by Type (2017-2022)
  - 2.3.3 Global Hall Effect Current Sensors for Automotive Sale Price by Type (2017-2022)
- 2.4 Hall Effect Current Sensors for Automotive Segment by Application
  - 2.4.1 Gas Vehicle
  - 2.4.2 Electric Vehicle
- 2.5 Hall Effect Current Sensors for Automotive Sales by Application
  - 2.5.1 Global Hall Effect Current Sensors for Automotive Sale Market Share by Application (2017-2022)
  - 2.5.2 Global Hall Effect Current Sensors for Automotive Revenue and Market Share by Application (2017-2022)
  - 2.5.3 Global Hall Effect Current Sensors for Automotive Sale Price by Application

(2017-2022)

### **3 GLOBAL HALL EFFECT CURRENT SENSORS FOR AUTOMOTIVE BY COMPANY**

3.1 Global Hall Effect Current Sensors for Automotive Breakdown Data by Company

3.1.1 Global Hall Effect Current Sensors for Automotive Annual Sales by Company (2020-2022)

3.1.2 Global Hall Effect Current Sensors for Automotive Sales Market Share by Company (2020-2022)

3.2 Global Hall Effect Current Sensors for Automotive Annual Revenue by Company (2020-2022)

3.2.1 Global Hall Effect Current Sensors for Automotive Revenue by Company (2020-2022)

3.2.2 Global Hall Effect Current Sensors for Automotive Revenue Market Share by Company (2020-2022)

3.3 Global Hall Effect Current Sensors for Automotive Sale Price by Company

3.4 Key Manufacturers Hall Effect Current Sensors for Automotive Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Hall Effect Current Sensors for Automotive Product Location Distribution

3.4.2 Players Hall Effect Current Sensors for Automotive Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR HALL EFFECT CURRENT SENSORS FOR AUTOMOTIVE BY GEOGRAPHIC REGION**

4.1 World Historic Hall Effect Current Sensors for Automotive Market Size by Geographic Region (2017-2022)

4.1.1 Global Hall Effect Current Sensors for Automotive Annual Sales by Geographic Region (2017-2022)

4.1.2 Global Hall Effect Current Sensors for Automotive Annual Revenue by Geographic Region

4.2 World Historic Hall Effect Current Sensors for Automotive Market Size by Country/Region (2017-2022)

4.2.1 Global Hall Effect Current Sensors for Automotive Annual Sales by



## Country/Region (2017-2022)

4.2.2 Global Hall Effect Current Sensors for Automotive Annual Revenue by Country/Region

4.3 Americas Hall Effect Current Sensors for Automotive Sales Growth

4.4 APAC Hall Effect Current Sensors for Automotive Sales Growth

4.5 Europe Hall Effect Current Sensors for Automotive Sales Growth

4.6 Middle East & Africa Hall Effect Current Sensors for Automotive Sales Growth

## **5 AMERICAS**

5.1 Americas Hall Effect Current Sensors for Automotive Sales by Country

5.1.1 Americas Hall Effect Current Sensors for Automotive Sales by Country (2017-2022)

5.1.2 Americas Hall Effect Current Sensors for Automotive Revenue by Country (2017-2022)

5.2 Americas Hall Effect Current Sensors for Automotive Sales by Type

5.3 Americas Hall Effect Current Sensors for Automotive Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Hall Effect Current Sensors for Automotive Sales by Region

6.1.1 APAC Hall Effect Current Sensors for Automotive Sales by Region (2017-2022)

6.1.2 APAC Hall Effect Current Sensors for Automotive Revenue by Region (2017-2022)

6.2 APAC Hall Effect Current Sensors for Automotive Sales by Type

6.3 APAC Hall Effect Current Sensors for Automotive Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

## 7.1 Europe Hall Effect Current Sensors for Automotive by Country

7.1.1 Europe Hall Effect Current Sensors for Automotive Sales by Country (2017-2022)

7.1.2 Europe Hall Effect Current Sensors for Automotive Revenue by Country (2017-2022)

## 7.2 Europe Hall Effect Current Sensors for Automotive Sales by Type

## 7.3 Europe Hall Effect Current Sensors for Automotive Sales by Application

## 7.4 Germany

## 7.5 France

## 7.6 UK

## 7.7 Italy

## 7.8 Russia

# 8 MIDDLE EAST & AFRICA

## 8.1 Middle East & Africa Hall Effect Current Sensors for Automotive by Country

8.1.1 Middle East & Africa Hall Effect Current Sensors for Automotive Sales by Country (2017-2022)

8.1.2 Middle East & Africa Hall Effect Current Sensors for Automotive Revenue by Country (2017-2022)

## 8.2 Middle East & Africa Hall Effect Current Sensors for Automotive Sales by Type

8.3 Middle East & Africa Hall Effect Current Sensors for Automotive Sales by Application

## 8.4 Egypt

## 8.5 South Africa

## 8.6 Israel

## 8.7 Turkey

## 8.8 GCC Countries

# 9 MARKET DRIVERS, CHALLENGES AND TRENDS

## 9.1 Market Drivers & Growth Opportunities

## 9.2 Market Challenges & Risks

## 9.3 Industry Trends

# 10 MANUFACTURING COST STRUCTURE ANALYSIS

## 10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Hall Effect Current Sensors for Automotive

10.3 Manufacturing Process Analysis of Hall Effect Current Sensors for Automotive

10.4 Industry Chain Structure of Hall Effect Current Sensors for Automotive

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Hall Effect Current Sensors for Automotive Distributors

11.3 Hall Effect Current Sensors for Automotive Customer

## **12 WORLD FORECAST REVIEW FOR HALL EFFECT CURRENT SENSORS FOR AUTOMOTIVE BY GEOGRAPHIC REGION**

12.1 Global Hall Effect Current Sensors for Automotive Market Size Forecast by Region

12.1.1 Global Hall Effect Current Sensors for Automotive Forecast by Region (2023-2028)

12.1.2 Global Hall Effect Current Sensors for Automotive Annual Revenue Forecast by Region (2023-2028)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Hall Effect Current Sensors for Automotive Forecast by Type

12.7 Global Hall Effect Current Sensors for Automotive Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

13.1 LEM Holding SA

13.1.1 LEM Holding SA Company Information

13.1.2 LEM Holding SA Hall Effect Current Sensors for Automotive Product Offered

13.1.3 LEM Holding SA Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)

13.1.4 LEM Holding SA Main Business Overview

13.1.5 LEM Holding SA Latest Developments

13.2 Allegro Microsystems, LLC

13.2.1 Allegro Microsystems, LLC Company Information

13.2.2 Allegro Microsystems, LLC Hall Effect Current Sensors for Automotive Product Offered

13.2.3 Allegro Microsystems, LLC Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)

13.2.4 Allegro Microsystems, LLC Main Business Overview

13.2.5 Allegro Microsystems, LLC Latest Developments

13.3 Melexis NV

13.3.1 Melexis NV Company Information

13.3.2 Melexis NV Hall Effect Current Sensors for Automotive Product Offered

13.3.3 Melexis NV Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)

13.3.4 Melexis NV Main Business Overview

13.3.5 Melexis NV Latest Developments

13.4 TDK Micronas

13.4.1 TDK Micronas Company Information

13.4.2 TDK Micronas Hall Effect Current Sensors for Automotive Product Offered

13.4.3 TDK Micronas Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)

13.4.4 TDK Micronas Main Business Overview

13.4.5 TDK Micronas Latest Developments

13.5 Honeywell International Inc.

13.5.1 Honeywell International Inc. Company Information

13.5.2 Honeywell International Inc. Hall Effect Current Sensors for Automotive Product Offered

13.5.3 Honeywell International Inc. Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)

13.5.4 Honeywell International Inc. Main Business Overview

13.5.5 Honeywell International Inc. Latest Developments

13.6 Robert Bosch GmbH

13.6.1 Robert Bosch GmbH Company Information

13.6.2 Robert Bosch GmbH Hall Effect Current Sensors for Automotive Product Offered

13.6.3 Robert Bosch GmbH Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)

13.6.4 Robert Bosch GmbH Main Business Overview

13.6.5 Robert Bosch GmbH Latest Developments

13.7 DENSO

13.7.1 DENSO Company Information

13.7.2 DENSO Hall Effect Current Sensors for Automotive Product Offered

- 13.7.3 DENSO Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.7.4 DENSO Main Business Overview
- 13.7.5 DENSO Latest Developments
- 13.8 Continental
  - 13.8.1 Continental Company Information
  - 13.8.2 Continental Hall Effect Current Sensors for Automotive Product Offered
  - 13.8.3 Continental Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.8.4 Continental Main Business Overview
  - 13.8.5 Continental Latest Developments
- 13.9 Kohshin Electric Corporation
  - 13.9.1 Kohshin Electric Corporation Company Information
  - 13.9.2 Kohshin Electric Corporation Hall Effect Current Sensors for Automotive Product Offered
  - 13.9.3 Kohshin Electric Corporation Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.9.4 Kohshin Electric Corporation Main Business Overview
  - 13.9.5 Kohshin Electric Corporation Latest Developments
- 13.10 Infineon
  - 13.10.1 Infineon Company Information
  - 13.10.2 Infineon Hall Effect Current Sensors for Automotive Product Offered
  - 13.10.3 Infineon Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.10.4 Infineon Main Business Overview
  - 13.10.5 Infineon Latest Developments
- 13.11 Nicera
  - 13.11.1 Nicera Company Information
  - 13.11.2 Nicera Hall Effect Current Sensors for Automotive Product Offered
  - 13.11.3 Nicera Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.11.4 Nicera Main Business Overview
  - 13.11.5 Nicera Latest Developments
- 13.12 BYD
  - 13.12.1 BYD Company Information
  - 13.12.2 BYD Hall Effect Current Sensors for Automotive Product Offered
  - 13.12.3 BYD Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)
  - 13.12.4 BYD Main Business Overview

13.12.5 BYD Latest Developments

13.13 CRRC

13.13.1 CRRC Company Information

13.13.2 CRRC Hall Effect Current Sensors for Automotive Product Offered

13.13.3 CRRC Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)

13.13.4 CRRC Main Business Overview

13.13.5 CRRC Latest Developments

13.14 Sinomags Electrical

13.14.1 Sinomags Electrical Company Information

13.14.2 Sinomags Electrical Hall Effect Current Sensors for Automotive Product Offered

13.14.3 Sinomags Electrical Hall Effect Current Sensors for Automotive Sales, Revenue, Price and Gross Margin (2020-2022)

13.14.4 Sinomags Electrical Main Business Overview

13.14.5 Sinomags Electrical Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Hall Effect Current Sensors for Automotive Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions)

Table 2. Hall Effect Current Sensors for Automotive Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions)

Table 3. Major Players of Open Loop

Table 4. Major Players of Close Loop

Table 5. Global Hall Effect Current Sensors for Automotive Sales by Type (2017-2022) & (M Units)

Table 6. Global Hall Effect Current Sensors for Automotive Sales Market Share by Type (2017-2022)

Table 7. Global Hall Effect Current Sensors for Automotive Revenue by Type (2017-2022) & (\$ million)

Table 8. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Type (2017-2022)

Table 9. Global Hall Effect Current Sensors for Automotive Sale Price by Type (2017-2022) & (US\$/K Units)

Table 10. Global Hall Effect Current Sensors for Automotive Sales by Application (2017-2022) & (M Units)

Table 11. Global Hall Effect Current Sensors for Automotive Sales Market Share by Application (2017-2022)

Table 12. Global Hall Effect Current Sensors for Automotive Revenue by Application (2017-2022)

Table 13. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Application (2017-2022)

Table 14. Global Hall Effect Current Sensors for Automotive Sale Price by Application (2017-2022) & (US\$/K Units)

Table 15. Global Hall Effect Current Sensors for Automotive Sales by Company (2020-2022) & (M Units)

Table 16. Global Hall Effect Current Sensors for Automotive Sales Market Share by Company (2020-2022)

Table 17. Global Hall Effect Current Sensors for Automotive Revenue by Company (2020-2022) (\$ Millions)

Table 18. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Company (2020-2022)

Table 19. Global Hall Effect Current Sensors for Automotive Sale Price by Company

(2020-2022) & (US\$/K Units)

Table 20. Key Manufacturers Hall Effect Current Sensors for Automotive Producing Area Distribution and Sales Area

Table 21. Players Hall Effect Current Sensors for Automotive Products Offered

Table 22. Hall Effect Current Sensors for Automotive Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Hall Effect Current Sensors for Automotive Sales by Geographic Region (2017-2022) & (M Units)

Table 26. Global Hall Effect Current Sensors for Automotive Sales Market Share Geographic Region (2017-2022)

Table 27. Global Hall Effect Current Sensors for Automotive Revenue by Geographic Region (2017-2022) & (\$ millions)

Table 28. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Geographic Region (2017-2022)

Table 29. Global Hall Effect Current Sensors for Automotive Sales by Country/Region (2017-2022) & (M Units)

Table 30. Global Hall Effect Current Sensors for Automotive Sales Market Share by Country/Region (2017-2022)

Table 31. Global Hall Effect Current Sensors for Automotive Revenue by Country/Region (2017-2022) & (\$ millions)

Table 32. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Country/Region (2017-2022)

Table 33. Americas Hall Effect Current Sensors for Automotive Sales by Country (2017-2022) & (M Units)

Table 34. Americas Hall Effect Current Sensors for Automotive Sales Market Share by Country (2017-2022)

Table 35. Americas Hall Effect Current Sensors for Automotive Revenue by Country (2017-2022) & (\$ Millions)

Table 36. Americas Hall Effect Current Sensors for Automotive Revenue Market Share by Country (2017-2022)

Table 37. Americas Hall Effect Current Sensors for Automotive Sales by Type (2017-2022) & (M Units)

Table 38. Americas Hall Effect Current Sensors for Automotive Sales Market Share by Type (2017-2022)

Table 39. Americas Hall Effect Current Sensors for Automotive Sales by Application (2017-2022) & (M Units)

Table 40. Americas Hall Effect Current Sensors for Automotive Sales Market Share by



Application (2017-2022)

Table 41. APAC Hall Effect Current Sensors for Automotive Sales by Region (2017-2022) & (M Units)

Table 42. APAC Hall Effect Current Sensors for Automotive Sales Market Share by Region (2017-2022)

Table 43. APAC Hall Effect Current Sensors for Automotive Revenue by Region (2017-2022) & (\$ Millions)

Table 44. APAC Hall Effect Current Sensors for Automotive Revenue Market Share by Region (2017-2022)

Table 45. APAC Hall Effect Current Sensors for Automotive Sales by Type (2017-2022) & (M Units)

Table 46. APAC Hall Effect Current Sensors for Automotive Sales Market Share by Type (2017-2022)

Table 47. APAC Hall Effect Current Sensors for Automotive Sales by Application (2017-2022) & (M Units)

Table 48. APAC Hall Effect Current Sensors for Automotive Sales Market Share by Application (2017-2022)

Table 49. Europe Hall Effect Current Sensors for Automotive Sales by Country (2017-2022) & (M Units)

Table 50. Europe Hall Effect Current Sensors for Automotive Sales Market Share by Country (2017-2022)

Table 51. Europe Hall Effect Current Sensors for Automotive Revenue by Country (2017-2022) & (\$ Millions)

Table 52. Europe Hall Effect Current Sensors for Automotive Revenue Market Share by Country (2017-2022)

Table 53. Europe Hall Effect Current Sensors for Automotive Sales by Type (2017-2022) & (M Units)

Table 54. Europe Hall Effect Current Sensors for Automotive Sales Market Share by Type (2017-2022)

Table 55. Europe Hall Effect Current Sensors for Automotive Sales by Application (2017-2022) & (M Units)

Table 56. Europe Hall Effect Current Sensors for Automotive Sales Market Share by Application (2017-2022)

Table 57. Middle East & Africa Hall Effect Current Sensors for Automotive Sales by Country (2017-2022) & (M Units)

Table 58. Middle East & Africa Hall Effect Current Sensors for Automotive Sales Market Share by Country (2017-2022)

Table 59. Middle East & Africa Hall Effect Current Sensors for Automotive Revenue by Country (2017-2022) & (\$ Millions)

Table 60. Middle East & Africa Hall Effect Current Sensors for Automotive Revenue Market Share by Country (2017-2022)

Table 61. Middle East & Africa Hall Effect Current Sensors for Automotive Sales by Type (2017-2022) & (M Units)

Table 62. Middle East & Africa Hall Effect Current Sensors for Automotive Sales Market Share by Type (2017-2022)

Table 63. Middle East & Africa Hall Effect Current Sensors for Automotive Sales by Application (2017-2022) & (M Units)

Table 64. Middle East & Africa Hall Effect Current Sensors for Automotive Sales Market Share by Application (2017-2022)

Table 65. Key Market Drivers & Growth Opportunities of Hall Effect Current Sensors for Automotive

Table 66. Key Market Challenges & Risks of Hall Effect Current Sensors for Automotive

Table 67. Key Industry Trends of Hall Effect Current Sensors for Automotive

Table 68. Hall Effect Current Sensors for Automotive Raw Material

Table 69. Key Suppliers of Raw Materials

Table 70. Hall Effect Current Sensors for Automotive Distributors List

Table 71. Hall Effect Current Sensors for Automotive Customer List

Table 72. Global Hall Effect Current Sensors for Automotive Sales Forecast by Region (2023-2028) & (M Units)

Table 73. Global Hall Effect Current Sensors for Automotive Sales Market Forecast by Region

Table 74. Global Hall Effect Current Sensors for Automotive Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 75. Global Hall Effect Current Sensors for Automotive Revenue Market Share Forecast by Region (2023-2028)

Table 76. Americas Hall Effect Current Sensors for Automotive Sales Forecast by Country (2023-2028) & (M Units)

Table 77. Americas Hall Effect Current Sensors for Automotive Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 78. APAC Hall Effect Current Sensors for Automotive Sales Forecast by Region (2023-2028) & (M Units)

Table 79. APAC Hall Effect Current Sensors for Automotive Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 80. Europe Hall Effect Current Sensors for Automotive Sales Forecast by Country (2023-2028) & (M Units)

Table 81. Europe Hall Effect Current Sensors for Automotive Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 82. Middle East & Africa Hall Effect Current Sensors for Automotive Sales

Forecast by Country (2023-2028) & (M Units)

Table 83. Middle East & Africa Hall Effect Current Sensors for Automotive Revenue

Forecast by Country (2023-2028) & (\$ millions)

Table 84. Global Hall Effect Current Sensors for Automotive Sales Forecast by Type (2023-2028) & (M Units)

Table 85. Global Hall Effect Current Sensors for Automotive Sales Market Share Forecast by Type (2023-2028)

Table 86. Global Hall Effect Current Sensors for Automotive Revenue Forecast by Type (2023-2028) & (\$ Millions)

Table 87. Global Hall Effect Current Sensors for Automotive Revenue Market Share Forecast by Type (2023-2028)

Table 88. Global Hall Effect Current Sensors for Automotive Sales Forecast by Application (2023-2028) & (M Units)

Table 89. Global Hall Effect Current Sensors for Automotive Sales Market Share Forecast by Application (2023-2028)

Table 90. Global Hall Effect Current Sensors for Automotive Revenue Forecast by Application (2023-2028) & (\$ Millions)

Table 91. Global Hall Effect Current Sensors for Automotive Revenue Market Share Forecast by Application (2023-2028)

Table 92. LEM Holding SA Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 93. LEM Holding SA Hall Effect Current Sensors for Automotive Product Offered

Table 94. LEM Holding SA Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 95. LEM Holding SA Main Business

Table 96. LEM Holding SA Latest Developments

Table 97. Allegro Microsystems, LLC Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 98. Allegro Microsystems, LLC Hall Effect Current Sensors for Automotive Product Offered

Table 99. Allegro Microsystems, LLC Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 100. Allegro Microsystems, LLC Main Business

Table 101. Allegro Microsystems, LLC Latest Developments

Table 102. Melexis NV Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 103. Melexis NV Hall Effect Current Sensors for Automotive Product Offered

Table 104. Melexis NV Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 105. Melexis NV Main Business

Table 106. Melexis NV Latest Developments

Table 107. TDK Micronas Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 108. TDK Micronas Hall Effect Current Sensors for Automotive Product Offered

Table 109. TDK Micronas Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 110. TDK Micronas Main Business

Table 111. TDK Micronas Latest Developments

Table 112. Honeywell International Inc. Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 113. Honeywell International Inc. Hall Effect Current Sensors for Automotive Product Offered

Table 114. Honeywell International Inc. Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 115. Honeywell International Inc. Main Business

Table 116. Honeywell International Inc. Latest Developments

Table 117. Robert Bosch GmbH Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 118. Robert Bosch GmbH Hall Effect Current Sensors for Automotive Product Offered

Table 119. Robert Bosch GmbH Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 120. Robert Bosch GmbH Main Business

Table 121. Robert Bosch GmbH Latest Developments

Table 122. DENSO Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 123. DENSO Hall Effect Current Sensors for Automotive Product Offered

Table 124. DENSO Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 125. DENSO Main Business

Table 126. DENSO Latest Developments

Table 127. Continental Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 128. Continental Hall Effect Current Sensors for Automotive Product Offered

Table 129. Continental Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 130. Continental Main Business

Table 131. Continental Latest Developments

Table 132. Kohshin Electric Corporation Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 133. Kohshin Electric Corporation Hall Effect Current Sensors for Automotive Product Offered

Table 134. Kohshin Electric Corporation Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 135. Kohshin Electric Corporation Main Business

Table 136. Kohshin Electric Corporation Latest Developments

Table 137. Infineon Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 138. Infineon Hall Effect Current Sensors for Automotive Product Offered

Table 139. Infineon Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 140. Infineon Main Business

Table 141. Infineon Latest Developments

Table 142. Nicera Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 143. Nicera Hall Effect Current Sensors for Automotive Product Offered

Table 144. Nicera Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 145. Nicera Main Business

Table 146. Nicera Latest Developments

Table 147. BYD Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 148. BYD Hall Effect Current Sensors for Automotive Product Offered

Table 149. BYD Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 150. BYD Main Business

Table 151. BYD Latest Developments

Table 152. CRRC Basic Information, Hall Effect Current Sensors for Automotive Manufacturing Base, Sales Area and Its Competitors

Table 153. CRRC Hall Effect Current Sensors for Automotive Product Offered

Table 154. CRRC Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 155. CRRC Main Business

Table 156. CRRC Latest Developments

Table 157. Sinomags Electrical Basic Information, Hall Effect Current Sensors for

Automotive Manufacturing Base, Sales Area and Its Competitors

Table 158. Sinomags Electrical Hall Effect Current Sensors for Automotive Product Offered

Table 159. Sinomags Electrical Hall Effect Current Sensors for Automotive Sales (M Units), Revenue (\$ Million), Price (US\$/K Units) and Gross Margin (2020-2022)

Table 160. Sinomags Electrical Main Business

Table 161. Sinomags Electrical Latest Developments

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of Hall Effect Current Sensors for Automotive

Figure 2. Hall Effect Current Sensors for Automotive Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Hall Effect Current Sensors for Automotive Sales Growth Rate 2017-2028 (M Units)

Figure 7. Global Hall Effect Current Sensors for Automotive Revenue Growth Rate 2017-2028 (\$ Millions)

Figure 8. Hall Effect Current Sensors for Automotive Sales by Region (2021 & 2028) & (\$ millions)

Figure 9. Product Picture of Open Loop

Figure 10. Product Picture of Close Loop

Figure 11. Global Hall Effect Current Sensors for Automotive Sales Market Share by Type in 2021

Figure 12. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Type (2017-2022)

Figure 13. Hall Effect Current Sensors for Automotive Consumed in Gas Vehicle

Figure 14. Global Hall Effect Current Sensors for Automotive Market: Gas Vehicle (2017-2022) & (M Units)

Figure 15. Hall Effect Current Sensors for Automotive Consumed in Electric Vehicle

Figure 16. Global Hall Effect Current Sensors for Automotive Market: Electric Vehicle (2017-2022) & (M Units)

Figure 17. Global Hall Effect Current Sensors for Automotive Sales Market Share by Application (2017-2022)

Figure 18. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Application in 2021

Figure 19. Hall Effect Current Sensors for Automotive Revenue Market by Company in 2021 (\$ Million)

Figure 20. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Company in 2021

Figure 21. Global Hall Effect Current Sensors for Automotive Sales Market Share by Geographic Region (2017-2022)

Figure 22. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Geographic Region in 2021

Figure 23. Global Hall Effect Current Sensors for Automotive Sales Market Share by Region (2017-2022)

Figure 24. Global Hall Effect Current Sensors for Automotive Revenue Market Share by Country/Region in 2021

Figure 25. Americas Hall Effect Current Sensors for Automotive Sales 2017-2022 (M Units)

Figure 26. Americas Hall Effect Current Sensors for Automotive Revenue 2017-2022 (\$ Millions)

Figure 27. APAC Hall Effect Current Sensors for Automotive Sales 2017-2022 (M Units)

Figure 28. APAC Hall Effect Current Sensors for Automotive Revenue 2017-2022 (\$ Millions)

Figure 29. Europe Hall Effect Current Sensors for Automotive Sales 2017-2022 (M Units)

Figure 30. Europe Hall Effect Current Sensors for Automotive Revenue 2017-2022 (\$ Millions)

Figure 31. Middle East & Africa Hall Effect Current Sensors for Automotive Sales 2017-2022 (M Units)

Figure 32. Middle East & Africa Hall Effect Current Sensors for Automotive Revenue 2017-2022 (\$ Millions)

Figure 33. Americas Hall Effect Current Sensors for Automotive Sales Market Share by Country in 2021

Figure 34. Americas Hall Effect Current Sensors for Automotive Revenue Market Share by Country in 2021

Figure 35. United States Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 36. Canada Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 37. Mexico Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 38. Brazil Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 39. APAC Hall Effect Current Sensors for Automotive Sales Market Share by Region in 2021

Figure 40. APAC Hall Effect Current Sensors for Automotive Revenue Market Share by Regions in 2021

Figure 41. China Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 42. Japan Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)



Figure 43. South Korea Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 44. Southeast Asia Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 45. India Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 46. Australia Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 47. Europe Hall Effect Current Sensors for Automotive Sales Market Share by Country in 2021

Figure 48. Europe Hall Effect Current Sensors for Automotive Revenue Market Share by Country in 2021

Figure 49. Germany Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 50. France Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 51. UK Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 52. Italy Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 53. Russia Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 54. Middle East & Africa Hall Effect Current Sensors for Automotive Sales Market Share by Country in 2021

Figure 55. Middle East & Africa Hall Effect Current Sensors for Automotive Revenue Market Share by Country in 2021

Figure 56. Egypt Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 57. South Africa Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 58. Israel Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 59. Turkey Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 60. GCC Country Hall Effect Current Sensors for Automotive Revenue Growth 2017-2022 (\$ Millions)

Figure 61. Manufacturing Cost Structure Analysis of Hall Effect Current Sensors for Automotive in 2021

Figure 62. Manufacturing Process Analysis of Hall Effect Current Sensors for

Automotive

Figure 63. Industry Chain Structure of Hall Effect Current Sensors for Automotive

Figure 64. Channels of Distribution

Figure 65. Distributors Profiles

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