

Magnetic Field Sensor Market by Type (Hall Effect, Magnetoresistive (AMR, GMR, TMR), SQUID, Fluxgate)), Range (10 Gauss), Application, End-User Industry, Geography - Global Forecast to 2023

<https://marketpublishers.com/r/G7753E91046EN.html>

Date: October 2017

Pages: 165

Price: US\$ 3,955.00 (Single User License)

ID: G7753E91046EN

Abstracts

Magnetic field sensor market estimated to grow at a CAGR of 8.77% between 2017 and 2023

The overall magnetic field sensor market is expected to be valued at USD 5.37 billion by 2023, growing at a CAGR of 8.77% between 2017 and 2023. The key factor contributing to the growth of the magnetic field sensor market is the growing applications of magnetic sensors in consumer electronics such as smartphones, consumer drones, wearables, and gaming consoles. However, inconsistent magnetic field strength and other technological limitations are the key restraints for the growth of the magnetic field sensor market. The growing importance of magnetic sensors in hybrid and electric vehicles is the major opportunity for the studied market.

“Hall effect magnetic field sensors expected to hold largest market size during forecast period”

Most of the consumer and automotive applications require an inexpensive, robust, and durable sensing technology. For most of the consumer and automotive applications, Hall effect sensor is one of the most apparent choices owing to its noncontacting feature, durability, and robustness to dirt and other environmental contaminants. Thus, Hall effect sensors are expected to hold the leading position in the magnetic sensor market between 2017 and 2023.

“Magnetic field sensor market in APAC expected to grow at highest CAGR during

forecast period”

APAC is expected to be the fastest-growing market. The magnetic field sensor market in APAC is divided into India, China, Japan, South Korea, and Rest of APAC. The increase in demand for consumer electronic devices such as laptops, smartphones, and cameras in China is driving the growth of the magnetic field sensor market in this region. This region is one of the largest producers of passenger vehicles in the world, which uses magnetic sensors for applications such as antilock braking systems and central locking systems. Moreover, BFSI is also one of the major industries contributing to the growth of magnetic field sensors in APAC.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with key industry experts. The breakup of the profiles of primary participants has been given below:

By Company Type: Tier 1—55%, Tier 2—25%, and Tier 3—20%

By Designation: C-Level Executives—25%, Directors—50%, Managers—20%, and Others—5%

By Region: North America—40%, Europe—35%, APAC—15%, and RoW—10%

The key market players profiled in this report are as follows:

Asahi Kasei Corporation (Japan)

TDK Electronics Co., Ltd (Japan)

Infineon Technologies AG (Germany)

Melexis NV (Belgium)

Allegro MicroSystems LLC (US)

NXP Semiconductors N.V. (Netherlands)

AMS AG (Austria)

Honeywell International Inc. (US)

TE Connectivity Ltd. (US)

Kohshin Electric Corporation (Japan)

Research Coverage:

The market has been segmented on the basis of type into Hall effect sensors (Hall elements and Hall ICs), magnetoresistive sensors (AMR, GMR, and TMR), SQUID sensors (low-temperature SQUID and high-temperature SQUID), fluxgate sensors, and others (optically pumped, Overhauser, magnetodiode, magneto-optical, magnetoinductive, and reed).

The market has been segmented on the basis of range into 1 microgauss (low-field sensors), 1 microgauss–10 gauss (earth field sensors), and 10 gauss (BIAS magnetic field sensors).

The report provides qualitative information on applications of magnetic field sensors. These include speed sensing, flow rate sensing, detection/NDT, position sensing, navigation and electronic compass, and others.

The report covers the following end-user industries: transportation, consumer electronics, healthcare, aerospace & defense, industrial, BFSI, and others (F&B, energy & power, and research).

The geographic analysis is done with regard to 4 major regions—North America, Europe, APAC, and RoW (South America and Middle East & Africa).

Reasons to Buy This Report:

From an insight perspective, this research report has focused on various levels of analysis—market ranking analysis of top players and value chain analysis. Company profiles discuss the basic views on the competitive landscape, emerging and high-growth segments of the magnetic field sensor market, and high-growth regions. An analysis of market drivers, restraints, challenges, and opportunities has also been

performed.

The report provides insights into the following pointers:

Market penetration: comprehensive information on magnetic field sensors offered by the top players in the overall magnetic field sensor market

Product development/innovation: detailed insights regarding R&D activities, emerging technologies, and product launches in the magnetic field sensor market

Market development: comprehensive information on lucrative emerging markets

Market diversification: exhaustive information on new products, untapped geographies, recent developments, and investments in the overall magnetic field sensor market

Competitive landscape: in-depth assessment of market ranking analysis, strategies, products, and manufacturing capabilities of the leading players in the magnetic field sensor market

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED FOR STUDY
- 1.4 CURRENCY
- 1.5 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY AND PRIMARY RESEARCH
 - 2.1.1.1 Key industry insights
 - 2.1.2 SECONDARY DATA
 - 2.1.2.1 Key data from secondary sources
 - 2.1.3 PRIMARY DATA
 - 2.1.3.1 Primary interviews with experts
 - 2.1.3.2 Breakdown of primaries
 - 2.1.3.3 Key data from primary sources
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.1.1 Approach for capturing market share by bottom-up analysis (demand side)
 - 2.2.2 TOP-DOWN APPROACH
 - 2.2.2.1 Approach for capturing market share by top-down analysis (supply side)
- 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN MAGNETIC FIELD SENSOR MARKET
- 4.2 MAGNETIC FIELD SENSOR MARKET, BY RANGE (2017–2023)
- 4.3 MAGNETIC FIELD SENSOR MARKET IN APAC, BY END-USER INDUSTRY AND COUNTRY

4.4 MAGNETIC FIELD SENSOR MARKET, BY GEOGRAPHY (2017–2023)

4.5 MAGNETIC FIELD SENSOR MARKET, BY TYPE (2017–2023)

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Growth in automotive industry

5.2.1.2 Unceasing growth in consumer electronics segment

5.2.1.3 Major role of magnetic field sensors in applications such as navigation

5.2.2 RESTRAINTS

5.2.2.1 Falling average selling prices (ASPs) of sensor components affecting new market entrants

5.2.2.2 Inconsistent magnetic field strength and other technological limitations

5.2.3 OPPORTUNITIES

5.2.3.1 Increasing demand for hybrid and electric vehicles

5.2.3.1.1 Companies involved in providing magnetic sensors for hybrid and electric vehicles

5.2.3.2 Need for magnetic sensors in UAVs

5.2.3.3 Growing magnetic sensor market for IoT

5.2.4 CHALLENGES

5.2.4.1 Growing requirement of low-cost magnetic field sensors among end-user industries

5.2.4.2 Need for high product differentiation and innovation to meet unique end-user requirements

5.3 VALUE CHAIN ANALYSIS

6 MAGNETIC FIELD SENSOR MARKET, BY TYPE

6.1 INTRODUCTION

6.2 HALL EFFECT SENSORS

6.2.1 HALL ICS

6.2.2 HALL ELEMENTS

6.3 MAGNETORESISTIVE SENSORS

6.3.1 ANISOTROPIC MAGNETORESISTIVE (AMR) SENSORS

6.3.2 GIANT MAGNETORESISTIVE (GMR) SENSORS

6.3.3 TUNNEL MAGNETORESISTIVE (TMR) SENSORS

6.4 SQUID SENSORS

- 6.4.1 HIGH-TEMPERATURE SQUID
- 6.4.2 LOW-TEMPERATURE SQUID
- 6.5 FLUXGATE SENSORS
- 6.6 OTHERS
 - 6.6.1 OPTICALLY PUMPED
 - 6.6.2 MAGNETODIODE
 - 6.6.3 MAGNETO-OPTICAL
 - 6.6.4 SEARCH COIL
 - 6.6.5 MAGNETOINDUCTIVE
 - 6.6.6 OVERHAUSER
 - 6.6.7 REED

7 MAGNETIC FIELD SENSOR MARKET, BY RANGE

- 7.1 INTRODUCTION
- 7.2 1 MICROGAUSS (LOW-FIELD SENSORS)
- 7.3 1 MICROGAUSS–10 GAUSS (EARTH FIELD SENSORS)
- 7.4 10 GAUSS (BIAS MAGNETIC FIELD SENSORS)

8 APPLICATIONS OF MAGNETIC FIELD SENSOR

- 8.1 INTRODUCTION
- 8.2 SPEED SENSING
- 8.3 DETECTION/NDT
- 8.4 POSITION SENSING
- 8.5 NAVIGATION AND ELECTRONIC COMPASS
- 8.6 FLOW RATE SENSING
- 8.7 OTHERS

9 MAGNETIC FIELD SENSOR MARKET, BY END-USER INDUSTRY

- 9.1 INTRODUCTION
- 9.2 TRANSPORTATION
 - 9.2.1 AUTOMOTIVE
 - 9.2.2 RAILWAY
 - 9.2.3 MARINE
- 9.3 CONSUMER ELECTRONICS
 - 9.3.1 CONSUMER APPLIANCES
 - 9.3.2 SMARTPHONES

- 9.3.3 WEARABLES
- 9.3.4 GAMING CONSOLES
- 9.3.5 CONSUMER DRONES
- 9.3.6 OTHERS
- 9.4 HEALTHCARE
- 9.5 AEROSPACE AND DEFENSE
- 9.6 INDUSTRIAL
- 9.7 BFSI
 - 9.7.1 POINT-OF-SALE (POS) TERMINAL
 - 9.7.2 CURRENCY COUNTER/DETECTOR/SORTER
 - 9.7.3 ATM
- 9.8 OTHERS

10 GEOGRAPHIC ANALYSIS

- 10.1 INTRODUCTION
- 10.2 NORTH AMERICA
 - 10.2.1 US
 - 10.2.2 CANADA
 - 10.2.3 MEXICO
- 10.3 EUROPE
 - 10.3.1 GERMANY
 - 10.3.2 UK
 - 10.3.3 ITALY
 - 10.3.4 REST OF EUROPE
- 10.4 APAC
 - 10.4.1 CHINA
 - 10.4.2 JAPAN
 - 10.4.3 SOUTH KOREA
 - 10.4.4 INDIA
 - 10.4.5 REST OF APAC
- 10.5 ROW
 - 10.5.1 SOUTH AMERICA
 - 10.5.2 MIDDLE EAST AND AFRICA

11 COMPETITIVE LANDSCAPE

- 11.1 OVERVIEW
- 11.2 MARKET RANKING (2016)

11.3 COMPETITIVE SCENARIO

11.3.1 PRODUCT LAUNCHES & DEVELOPMENTS

11.3.2 MERGERS & ACQUISITIONS

11.3.3 PARTNERSHIPS AND AGREEMENTS

11.3.4 EXPANSIONS

12 COMPANY PROFILES

(Business Overview, Products Offered, Product Offering Scorecard, Business Strategy Scorecard, Recent Developments, Key Relationships)*

12.1 AMSASAH KASEI MICRODEVICES CORPORATION

12.2 ALLEGRO MICROSYSTEMS

12.3 INFINEON TECHNOLOGIES

12.4 TDK CORPORATION

12.5 MELEXIS

12.6 HONEYWELL

12.7 TE CONNECTIVITY

12.8 AMS

12.9 NXP SEMICONDUCTORS

12.10 KOHSHIN ELECTRIC

12.11 STARTUP ECOSYSTEMS

12.11.1 QUSPIN

12.11.2 SENSITEC GMBH

12.11.3 CROCUS TECHNOLOGY

12.11.4 COTO TECHNOLOGY

12.11.5 MULTIDIMENSION TECHNOLOGY CO., LTD.

*Details on Business Overview, Products Offered, Product Offering Scorecard, Business Strategy Scorecard, Recent Developments, Key Relationships might not be captured in case of unlisted companies.

13 APPENDIX

13.1 KEY INDUSTRY INSIGHTS

13.2 DISCUSSION GUIDE

13.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

13.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

13.5 AVAILABLE CUSTOMIZATIONS

13.6 RELATED REPORTS

13.7 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 MAJOR SECONDARY SOURCES

Table 2 MAGNETIC FIELD SENSOR MARKET, BY TYPE, 2014–2023 (USD MILLION)

Table 3 MAGNETIC FIELD SENSOR MARKET, BY TYPE, 2014–2023 (MILLION UNITS)

Table 4 MARKET FOR HALL EFFECT MAGNETIC FIELD SENSORS, BY TYPE, 2014–2023 (USD MILLION)

Table 5 MARKET FOR HALL EFFECT MAGNETIC FIELD SENSORS, BY TYPE, 2014–2023 (MILLION UNITS)

Table 6 MARKET FOR HALL EFFECT MAGNETIC FIELD SENSORS, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 7 BENEFITS AND APPLICATIONS OF MAGNETORESISTIVE SENSORS

Table 8 MARKET FOR MAGNETORESISTIVE MAGNETIC FIELD SENSORS, BY TYPE, 2014–2023 (USD MILLION)

Table 9 MARKET FOR MAGNETORESISTIVE MAGNETIC FIELD SENSORS, BY TYPE, 2014–2023 (MILLION UNITS)

Table 10 MARKET FOR MAGNETORESISTIVE MAGNETIC FIELD SENSORS, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 11 MARKET FOR SQUID MAGNETIC FIELD SENSORS, BY TYPE, 2014–2023 (USD MILLION)

Table 12 MARKET FOR SQUID MAGNETIC FIELD SENSORS, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 13 MARKET FOR FLUXGATE MAGNETIC FIELD SENSORS, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 14 MARKET FOR OTHER MAGNETIC FIELD SENSORS, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 15 MAGNETIC FIELD SENSOR MARKET, BY RANGE, 2014–2023 (USD MILLION)

Table 16 MAGNETIC FIELD SENSOR MARKET, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 17 MAGNETIC FIELD SENSOR MARKET FOR TRANSPORTATION INDUSTRY, BY TYPE, 2014–2023 (USD MILLION)

Table 18 MAGNETIC FIELD SENSOR MARKET FOR TRANSPORTATION INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 19 MAGNETIC FIELD SENSOR MARKET FOR TRANSPORTATION INDUSTRY IN NORTH AMERICA, BY COUNTRY, 2014–2023 (USD MILLION)

Table 20 MAGNETIC FIELD SENSOR MARKET FOR TRANSPORTATION INDUSTRY IN EUROPE, BY COUNTRY, 2014–2023 (USD MILLION)

Table 21 MAGNETIC FIELD SENSOR MARKET FOR TRANSPORTATION INDUSTRY IN APAC, BY COUNTRY, 2014–2023 (USD MILLION)

Table 22 MAGNETIC FIELD SENSOR MARKET FOR TRANSPORTATION INDUSTRY IN ROW, BY REGION, 2014–2023 (USD MILLION)

Table 23 MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS END-USER INDUSTRY, BY APPLICATION, 2014–2023 (USD MILLION)

Table 24 MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS END-USER INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 25 MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS END-USER INDUSTRY IN NORTH AMERICA, BY COUNTRY, 2014–2023 (USD MILLION)

Table 26 MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS END-USER INDUSTRY IN EUROPE, BY COUNTRY, 2014–2023 (USD MILLION)

Table 27 MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS END-USER INDUSTRY IN APAC, BY COUNTRY, 2014–2023 (USD MILLION)

Table 28 MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS END-USER INDUSTRY IN ROW, BY REGION, 2014–2023 (USD MILLION)

Table 29 MAGNETIC FIELD SENSOR MARKET FOR HEALTHCARE END-USER INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 30 MAGNETIC FIELD SENSOR MARKET FOR HEALTHCARE END-USER INDUSTRY IN NORTH AMERICA, BY COUNTRY, 2014–2023 (USD MILLION)

Table 31 MAGNETIC FIELD SENSOR MARKET FOR HEALTHCARE END-USER INDUSTRY IN EUROPE, BY COUNTRY, 2014–2023 (USD MILLION)

Table 32 MAGNETIC FIELD SENSOR MARKET FOR HEALTHCARE END-USER INDUSTRY IN APAC, BY COUNTRY, 2014–2023 (USD MILLION)

Table 33 MAGNETIC FIELD SENSOR MARKET FOR HEALTHCARE END-USER INDUSTRY IN ROW, BY REGION, 2014–2023 (USD MILLION)

Table 34 MAGNETIC FIELD SENSOR MARKET FOR A&D END-USER INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 35 MAGNETIC FIELD SENSOR MARKET FOR A&D END-USER INDUSTRY IN NORTH AMERICA, BY COUNTRY, 2014–2023 (USD MILLION)

Table 36 MAGNETIC FIELD SENSOR MARKET FOR A&D END-USER INDUSTRY IN EUROPE, BY COUNTRY, 2014–2023 (USD MILLION)

Table 37 MAGNETIC FIELD SENSOR MARKET FOR A&D END-USER INDUSTRY IN APAC, BY COUNTRY, 2014–2023 (USD MILLION)

Table 38 MAGNETIC FIELD SENSOR MARKET FOR A&D END-USER INDUSTRY IN ROW, BY REGION, 2014–2023 (USD MILLION)

Table 39 MAGNETIC FIELD SENSOR MARKET FOR INDUSTRIAL END-USER INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 40 MAGNETIC FIELD SENSOR MARKET FOR INDUSTRIAL END-USER INDUSTRY IN NORTH AMERICA, BY COUNTRY, 2014–2023 (USD MILLION)

Table 41 MAGNETIC FIELD SENSOR MARKET FOR INDUSTRIAL END-USER INDUSTRY IN EUROPE, BY COUNTRY, 2014–2023 (USD MILLION)

Table 42 MAGNETIC FIELD SENSOR MARKET FOR INDUSTRIAL END-USER INDUSTRY IN APAC, BY COUNTRY, 2014–2023 (USD MILLION)

Table 43 MAGNETIC FIELD SENSOR MARKET FOR INDUSTRIAL END-USER INDUSTRY IN ROW, BY REGION, 2014–2023 (USD MILLION)

Table 44 MAGNETIC FIELD SENSOR MARKET FOR BFSI INDUSTRY, BY SYSTEM, 2014–2023 (USD MILLION)

Table 45 MAGNETIC FIELD SENSOR MARKET FOR BFSI END-USER INDUSTRY, BY REGION, 2014–2023 (USD MILLION)

Table 46 MAGNETIC FIELD SENSOR MARKET FOR BFSI END-USER INDUSTRY IN NORTH AMERICA, BY COUNTRY, 2014–2023 (USD MILLION)

Table 47 MAGNETIC FIELD SENSOR MARKET FOR BFSI END-USER INDUSTRY IN EUROPE, BY COUNTRY, 2014–2023 (USD MILLION)

Table 48 MAGNETIC FIELD SENSOR MARKET FOR BFSI END-USER INDUSTRY IN APAC, BY COUNTRY, 2014–2023 (USD MILLION)

Table 49 MAGNETIC FIELD SENSOR MARKET FOR BFSI END-USER INDUSTRY IN ROW, BY REGION, 2014–2023 (USD MILLION)

Table 50 MAGNETIC FIELD SENSOR MARKET FOR OTHER END-USER INDUSTRIES, BY REGION, 2014–2023 (USD MILLION)

Table 51 MAGNETIC FIELD SENSOR MARKET FOR OTHER END-USER INDUSTRIES IN NORTH AMERICA, BY COUNTRY, 2014–2023 (USD MILLION)

Table 52 MAGNETIC FIELD SENSOR MARKET FOR OTHER END-USER INDUSTRIES IN EUROPE, BY COUNTRY, 2014–2023 (USD MILLION)

Table 53 MAGNETIC FIELD SENSOR MARKET FOR OTHER END-USER INDUSTRIES IN APAC, BY COUNTRY, 2014–2023 (USD MILLION)

Table 54 MAGNETIC FIELD SENSOR MARKET FOR OTHER END-USER INDUSTRIES IN ROW, BY REGION, 2014–2023 (USD MILLION)

Table 55 MAGNETIC FIELD SENSOR MARKET, BY REGION, 2014–2023 (USD MILLION)

Table 56 MAGNETIC FIELD SENSOR MARKET IN NORTH AMERICA, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 57 MAGNETIC FIELD SENSOR MARKET IN NORTH AMERICA, BY COUNTRY, 2014–2023 (USD MILLION)

Table 58 MAGNETIC FIELD SENSOR MARKET IN EUROPE, BY COUNTRY,

2014–2023 (USD MILLION)

Table 59 MAGNETIC FIELD SENSOR MARKET IN EUROPE, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 60 MAGNETIC FIELD SENSOR MARKET IN APAC, BY COUNTRY, 2014–2023 (USD MILLION)

Table 61 MAGNETIC FIELD SENSOR MARKET IN APAC, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 62 MAGNETIC FIELD SENSOR MARKET IN ROW, BY REGION, 2014–2023 (USD MILLION)

Table 63 MAGNETIC FIELD SENSOR MARKET IN ROW, BY END-USER INDUSTRY, 2014–2023 (USD MILLION)

Table 64 TOP 5 PLAYERS IN THE MAGNETIC FIELD SENSOR MARKET, 2016

Table 65 PRODUCT LAUNCHES & DEVELOPMENTS (2014–2017)

Table 66 MERGERS & ACQUISITIONS (2014–2017)

Table 67 PARTNERSHIPS AND AGREEMENTS (2014–2017)

Table 68 EXPANSIONS (2014–2016)

List Of Figures

LIST OF FIGURES

Figure 1 MARKET SEGMENTATION

Figure 2 MAGNETIC FIELD SENSOR MARKET: RESEARCH DESIGN

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 5 DATA TRIANGULATION

Figure 6 ASSUMPTIONS FOR RESEARCH STUDY

Figure 7 SNAPSHOT OF MAGNETIC FIELD SENSOR MARKET (2014–2023)

Figure 8 MARKET FOR MAGNETORESISTIVE SENSORS EXPECTED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 9 10 GAUSS RANGE HELD MAJOR SHARE OF MAGNETIC FIELD SENSOR MARKET IN 2016

Figure 10 APAC HELD LARGEST SHARE OF MAGNETIC FIELD SENSOR MARKET IN 2016

Figure 11 MAGNETIC FIELD SENSOR MARKET EXPECTED TO GROW AT SIGNIFICANT RATE OWING TO INCREASING DEMAND FOR MAGNETORESISTIVE MAGNETIC FIELD SENSORS BETWEEN 2017 AND 2023

Figure 12 MARKET FOR 10 GAUSS RANGE EXPECTED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 13 TRANSPORTATION INDUSTRY HELD LARGEST SHARE OF MAGNETIC FIELD SENSOR MARKET IN 2016

Figure 14 CHINA HELD LARGEST SHARE OF MAGNETIC FIELD SENSOR MARKET IN 2016

Figure 15 MARKET FOR MAGNETORESISTIVE MAGNETIC FIELD SENSORS TO GROW AT HIGHEST CAGR BETWEEN 2017 AND 2023

Figure 16 MAGNETIC FIELD SENSOR MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

Figure 17 AUTOMOTIVE PRODUCTION IN MAJOR COUNTRIES (2012–2016)

Figure 18 INCREASING DEMAND FOR HYBRID AND ELECTRIC VEHICLES BETWEEN 2015 AND 2040

Figure 19 VALUE CHAIN ANALYSIS: MAJOR VALUE ADDED DURING MANUFACTURERS AND TECHNOLOGY PROVIDERS STAGES (2015)

Figure 20 HALL EFFECT MAGNETIC FIELD SENSORS TO DOMINATE THE OVERALL MARKET DURING FORECAST PERIOD (USD MILLION)

Figure 21 HALL ICS TO HOLD LARGEST SIZE OF THE OVERALL MARKET FOR HALL EFFECT MAGNETIC FIELD SENSORS DURING FORECAST PERIOD

Figure 22 MAGNETORESISTIVE MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS TO GROW AT HIGHEST CAGR BETWEEN 2017 AND 2023

Figure 23 CONSUMER ELECTRONICS TO HOLD LARGEST SIZE OF MARKET BY 2023

Figure 24 MARKET FOR 10 GAUSS TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 25 VARIOUS MAGNETIC FIELD SENSORS AND THEIR DETECTable FIELD RANGE

Figure 26 SNAPSHOT OF MAGNETIC SENSOR TYPES WITH THEIR RANGE AND APPLICATIONS

Figure 27 MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS INDUSTRY TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 28 MAGNETIC FIELD SENSOR MARKET FOR TRANSPORTATION INDUSTRY IN MEXICO EXPECTED TO GROW AT HIGHEST CAGR BETWEEN 2017 AND 2023

Figure 29 MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS INDUSTRY IN APAC TO GROW AT HIGHEST CAGR BETWEEN 2017 AND 2023

Figure 30 GERMANY EXPECTED TO HOLD LARGEST SIZE OF MAGNETIC FIELD SENSOR MARKET FOR CONSUMER ELECTRONICS INDUSTRY IN EUROPE BETWEEN 2017 AND 2023

Figure 31 MAGNETIC FIELD SENSOR MARKET FOR HEALTHCARE INDUSTRY IN GERMANY EXPECTED TO GROW AT HIGHEST CAGR BETWEEN 2017 AND 2023

Figure 32 US EXPECTED TO LEAD MAGNETIC FIELD SENSOR MARKET FOR A&D END-USER INDUSTRY IN NORTH AMERICA BETWEEN 2017 AND 2023

Figure 33 MAGNETIC FIELD SENSOR MARKET FOR INDUSTRIAL END-USER INDUSTRY IN APAC EXPECTED TO GROW AT HIGHEST CAGR BETWEEN 2017 AND 2023

Figure 34 MAGNETIC FIELD SENSOR MARKET FOR POS TERMINAL TO GROW AT HIGHEST CAGR BETWEEN 2017 AND 2023

Figure 35 MAGNETIC FIELD SENSOR MARKET FOR OTHER END-USER INDUSTRIES IN APAC EXPECTED TO GROW AT HIGHEST CAGR BETWEEN 2017 AND 2023

Figure 36 GEOGRAPHIC SNAPSHOT OF MAGNETIC FIELD SENSOR MARKET (2017–2023)

Figure 37 NORTH AMERICA: MARKET SNAPSHOT

Figure 38 APAC: MARKET SNAPSHOT

Figure 39 KEY DEVELOPMENTS IN THE MAGNETIC FIELD SENSORS MARKET (2014-2017)

Figure 40 BATTLE FOR MARKET SHARE: PRODUCT LAUNCHES & DEVELOPMENTS EMERGED AS KEY GROWTH STRATEGIES

Figure 41 ASAHI KASEI MICRODEVICES CORPORATION: COMPANY SNAPSHOT

Figure 42 INFINEON TECHNOLOGIES AG: COMPANY SNAPSHOT

Figure 43 TDK CORPORATION: COMPANY SNAPSHOT

Figure 44 MELEXIS NV: COMPANY SNAPSHOT

Figure 45 HONEYWELL: COMPANY SNAPSHOT

Figure 46 TE CONNECTIVITY: COMPANY SNAPSHOT

Figure 47 AMS: COMPANY SNAPSHOT

Figure 48 NXP SEMICONDUCTORS N.V.: COMPANY SNAPSHOT

I would like to order

Product name: Magnetic Field Sensor Market by Type (Hall Effect, Magnetoresistive (AMR, GMR, TMR), SQUID, Fluxgate)), Range (<1 Microgauss, 1 Microgauss–10 Gauss, and >10 Gauss), Application, End-User Industry, Geography - Global Forecast to 2023

Product link: <https://marketpublishers.com/r/G7753E91046EN.html>

Price: US\$ 3,955.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7753E91046EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970