

E-Compass Market by Technology (Fluxgate, Hall Effect, Magnetoresistive), Type (1&2 Axis, 3 Axis, 6 Axis, 9 Axis), Application (Consumer Electronics, Aerospace & Defense, Automotive, Surveying, Marine) and Geography - Global Forecast to 2022

<https://marketpublishers.com/r/E1C022A5EA0EN.html>

Date: November 2016

Pages: 146

Price: US\$ 5,650.00 (Single User License)

ID: E1C022A5EA0EN

Abstracts

“The adoption of e-compass sensors in the consumer electronics products such as smartphones, tablets and wearables would drive the e-compass market.”

The e-compass market size, in terms of value, is expected to grow from USD 808.6 million in 2015 to USD 2187.1 million by 2022, at a CAGR of 14.57% between 2016 and 2022.

The e-compass sensors are a ready fit to the navigation systems installed in the portable electronic products. The miniaturization of the sensor packages to be efficiently integrated into the portable electronics products has significantly boosted the market growth in the recent times. The growth in consumption of wearable electronic devices would drive the market in coming years.

The major restraint for e-compass is the presence of GPS technology as a substitute for the similar applications related with navigation. Large number of equipment these days have integrated GPS technology and as GPS technology can also be used as a navigating compass wherever the GPS signals are present, many device makers do not see the need to add additional hardware for e-compass.

“Magnetoresistive technology-based e-compass sensors are readily being adopted across various applications”

The market for magnetoresistive technology-based e-compass sensors is growing at the highest rate during the forecast period. The compact structure of the device and the miniaturization capacity of the technology has resulted in increasing adoption in the consumer electronics market. These sensors also provide fast response time which can be helpful in scenarios where the heading of the device vary at a fast rate. These features have promoted the utilization of magneto-resistive sensors across various applications.

“APAC market for e-compass sensors to grow at the highest rate during the forecast period”

The APAC region is expected to grow at the highest CAGR for e-compass market. A number of major consumer electronics manufactures are based out of the region. Moreover, the demand for directional sensors in consumer electronics is increasing steadily. These factors collude to make APAC a fast growing market for e-compass sensors.

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 people. The break-up of profile of primary participants is given below:

By Company Type: Tier 1 – 25 %, Tier 2 – 40%, and Tier 3 – 35%

By Designation: C-Level Executives – 40% , Directors – 25%, and Others – 35%

By Region: APAC – 40%, North America – 30%, Europe – 20%, and RoW – 10%

Most companies have adopted the strategy of marketing new products to grow their market share. Research and development efforts have been carried out to get more compact e-compass sensors targeting the consumer electronics products. A number of companies have tried to strengthen their market position by entering in to agreements with other industry players in the value chain. Apart from these dominant strategies some players have adopted merger and acquisition approach to expand their business in the e-compass market.

The key players in the e-compass market profiled in the report are as follows:

1. Aichi Steel Corporation (Japan)
2. Asahi Kasei Microdevices Corporation (Japan)
3. Bosch Sensortec GmbH (Germany)
4. Honeywell International Inc. (U.S.)
5. NXP Semiconductors N.V.(Netherlands)
6. MEMSIC, Inc. (U.S.)
7. Ocean Server Technology, Inc.(U.S.)
8. PNI Sensors Corporation (U.S.)
9. STMicroelectronics (Switzerland)
10. TrueNorth Technologies (U.S.)
11. Magnachip Semiconductor (South Korea)
12. Invensense Inc. (U.S.)
13. mCube, Inc. (U.S.)

Research Coverage

The geographic segmentation in the report covers the four major regions of the world, namely, North America, Europe, APAC, and RoW. The technology segment covers the market size for fluxgate, hall-effect, magnetoresistive, and other technology-based e-compass sensors. The application segment covers consumer electronics, aerospace & defense, automotive, marine, surveying and other industries. The e-compass sensor type market segmentation 1-and 2-axis sensors, 3-axis sensors, 6-axis sensors and 9-axis sensors.

Key Benefits of Buying the Report

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the e-compass market comprehensively and provides the closest approximations of the overall market size and that of the subsegments across the different verticals and regions.
2. The report helps stakeholders to understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.
3. This report would help stakeholders to better understand their competitors and gain more insights to enhance their position in the business. The competitive landscape section includes competitor ecosystem, new product developments, partnerships, and mergers & acquisitions in the e-compass market.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 SCOPE OF THE STUDY
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED IN THE STUDY
- 1.4 CURRENCY
- 1.5 PACKAGE SIZE
- 1.6 LIMITATIONS
- 1.7 MARKET STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key Data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key Industry Insights
 - 2.1.2.3 Breakdown of primaries
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTION

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE GLOBAL E-COMPASS MARKET
- 4.2 REGIONAL AND APPLICATION WISE SNAPSHOT OF E-COMPASS MARKET
- 4.3 E-COMPASS MARKET, BY APPLICATION
- 4.4 E-COMPASS MARKET, BY TECHNOLOGY
- 4.5 E-COMPASS MARKET, BY SENSOR TYPE
- 4.6 E-COMPASS MARKET, BY GEOGRAPHY

5 MARKET OVERVIEW

E-Compass Market by Technology (Fluxgate, Hall Effect, Magnetoresistive), Type (1&2 Axis, 3 Axis, 6 Axis, 9 Ax...

5.1 INTRODUCTION

5.2 MARKET SEGMENTATION

5.2.1 E-COMPASS MARKET, BY TECHNOLOGY

5.2.2 E-COMPASS MARKET, BY APPLICATION

5.2.3 E-COMPASS MARKET, BY SENSOR TYPE

5.2.4 E-COMPASS MARKET BY GEOGRAPHY

5.3 RECENT TRENDS

5.4 MARKET DYNAMICS

5.4.1 DRIVERS

5.4.1.1 Adoption of e-compass sensors in consumer electronics

5.4.1.2 Growth of the wearable devices market

5.4.1.3 Use of e-compasses in UAVs and AUVs

5.4.2 RESTRAINTS

5.4.2.1 Widespread usage of GPS technology

5.4.2.2 Changing geomagnetic maps

5.4.3 OPPORTUNITIES

5.4.3.1 Upcoming autonomous cars market

5.4.3.2 Potential use in augmented reality and gaming applications

5.4.4 CHALLENGES

5.4.4.1 Data accuracy and calibration issues

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

6.3 PORTER'S FIVE FORCES ANALYSIS

6.3.1 BARGAINING POWER OF SUPPLIERS

6.3.2 BARGAINING POWER OF BUYERS

6.3.3 THREAT OF NEW ENTRANTS

6.3.4 THREAT OF SUBSTITUTES

6.3.5 DEGREE OF COMPETITION

7 E-COMPASS MARKET, BY TECHNOLOGY

7.1 INTRODUCTION

7.2 FLUXGATE

7.3 HALL EFFECT

7.4 MAGNETORESISTIVE

7.5 OTHERS

8 E-COMPASS MARKET, BY APPLICATION

8.1 INTRODUCTION

8.2 CONSUMER ELECTRONICS

8.3 AEROSPACE & DEFENSE

8.4 AUTOMOTIVE

8.5 MARINE

8.6 SURVEYING

8.7 OTHER APPLICATIONS

9 E-COMPASS MARKET, BY SENSOR TYPE

9.1 INTRODUCTION

9.2 1-AXIS AND 2-AXIS SENSORS

9.3 3-AXIS SENSORS

9.4 6-AXIS SENSORS

9.5 9-AXIS SENSORS

10 GEOGRAPHIC ANALYSIS

10.1 INTRODUCTION

10.2 NORTH AMERICA

10.2.1 U.S.

10.2.2 CANADA

10.3 EUROPE

10.3.1 GERMANY

10.3.2 FRANCE

10.3.3 U.K.

10.3.4 REST OF EUROPE

10.4 ASIA-PACIFIC

10.4.1 CHINA

10.4.2 JAPAN

10.4.3 SOUTH KOREA

10.4.4 REST OF APAC

10.5 REST OF THE WORLD

10.5.1 MIDDLE EAST & AFRICA

10.5.2 LATIN AMERICA

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 RANKING OF MARKET PLAYERS, 2015

11.3 COMPETITIVE SCENARIO & TRENDS

11.3.1 NEW PRODUCT LAUNCHES & CONTRACTS

11.3.2 ALLIANCES AND BUSINESS EXPANSIONS

11.3.3 MERGERS & ACQUISITIONS

12 COMPANY PROFILES

(Company at a Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)*

12.1 INTRODUCTION

12.2 AICHI STEEL CORPORATION

12.3 HONEYWELL INTERNATIONAL INC.

12.4 NXP SEMICONDUCTORS N.V.

12.5 ASAHI KASEI MICRODEVICES CORPORATION

12.6 BOSCH SENSORTec GMBH

12.7 ST MICROELECTRONICS N.V.

12.8 MAGNACHIP SEMICONDUCTOR

12.9 INVENSENSE INC.

12.10 MEMSIC INC.

12.11 OCEANSERVER TECHNOLOGIES INC.

12.12 PNI SENSORS CORPORATION

12.13 TRUENORTH TECHNOLOGIES LTD.

12.14 MCUBE INC.

*Details on company at a glance, recent financials, products & services, strategies & insights, & recent developments might not be captured in case of unlisted companies.

13 APPENDIX

13.1 INSIGHTS OF INDUSTRY EXPERTS

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 E-COMPASS MARKET, BY TECHNOLOGY, 2013–2022 (USD MILLION)

Table 2 E-COMPASS MARKET, BY TECHNOLOGY, 2013–2022 (MILLION UNITS)

Table 3 E-COMPASS MARKET FOR FLUXGATE TECHNOLOGY, BY APPLICATION, 2013–2022 (USD MILLION)

Table 4 E-COMPASS MARKET FOR FLUXGATE TECHNOLOGY, BY APPLICATION, 2013–2022 (THOUSAND UNITS)

Table 5 E-COMPASS MARKET FOR HALL EFFECT TECHNOLOGY, BY APPLICATION, 2013–2022 (USD MILLION)

Table 6 E-COMPASS MARKET FOR HALL EFFECT TECHNOLOGY, BY APPLICATION, 2013–2022 (THOUSAND UNITS)

Table 7 E-COMPASS MARKET FOR MAGNETORESISTIVE TECHNOLOGY, BY APPLICATION, 2013–2022 (USD MILLION)

Table 8 E-COMPASS MARKET FOR MAGNETORESISTIVE TECHNOLOGY, BY APPLICATION, 2013–2022 (THOUSAND UNITS)

Table 9 E-COMPASS MARKET FOR OTHER TECHNOLOGIES, BY APPLICATION, 2013–2022 (USD MILLION)

Table 10 E-COMPASS MARKET FOR OTHER TECHNOLOGIES, BY APPLICATION, 2013–2022 (THOUSAND UNITS)

Table 11 E-COMPASS MARKET, BY APPLICATION, 2013–2022 (USD MILLION)

Table 12 E-COMPASS MARKET, BY APPLICATION, 2013–2022 (MILLION UNITS)

Table 13 E-COMPASS MARKET FOR CONSUMER ELECTRONICS APPLICATION, BY PRODUCT TYPE, 2013–2022 (USD MILLION)

Table 14 E-COMPASS MARKET FOR CONSUMER ELECTRONICS, BY PRODUCT TYPE, 2013–2022 (MILLION UNITS)

Table 15 E-COMPASS MARKET FOR CONSUMER ELECTRONICS APPLICATION, BY TECHNOLOGY 2013–2022 (USD MILLION)

Table 16 E-COMPASS MARKET FOR CONSUMER ELECTRONICS APPLICATION, BY TECHNOLOGY 2013–2022 (MILLION UNITS)

Table 17 E-COMPASS MARKET FOR CONSUMER ELECTRONICS APPLICATION, BY SENSOR TYPE, 2013–2022 (USD MILLION)

Table 18 E-COMPASS MARKET FOR CONSUMER ELECTRONICS APPLICATION, BY REGION, 2013–2022 (USD MILLION)

Table 19 E-COMPASS MARKET FOR CONSUMER ELECTRONICS APPLICATION, BY REGION, 2013–2022 (MILLION UNITS)

Table 20 E-COMPASS MARKET FOR AEROSPACE & DEFENSE APPLICATION, BY

TECHNOLOGY 2013–2022 (USD MILLION)

Table 21 E-COMPASS MARKET FOR AEROSPACE & DEFENSE INDUSTRY, BY TECHNOLOGY 2013–2022 (THOUSAND UNITS)

Table 22 E-COMPASS MARKET FOR AEROSPACE & DEFENSE APPLICATION, BY SENSOR TYPE, 2013–2022 (USD MILLION)

Table 23 E-COMPASS MARKET FOR AEROSPACE & DEFENSE APPLICATION, BY REGION, 2013–2022 (USD MILLION)

Table 24 E-COMPASS MARKET FOR AEROSPACE & DEFENSE APPLICATION, BY REGION, 2013–2022 (THOUSAND UNITS)

Table 25 E-COMPASS MARKET FOR AUTOMOTIVE APPLICATION, BY TECHNOLOGY 2013–2022 (USD MILLION)

Table 26 E-COMPASS MARKET FOR AUTOMOTIVE APPLICATION, BY TECHNOLOGY 2013–2022 (MILLION UNITS)

Table 27 E-COMPASS MARKET FOR AUTOMOTIVE APPLICATION, BY SENSOR TYPE, 2013–2022 (USD MILLION)

Table 28 E-COMPASS MARKET FOR AUTOMOTIVE APPLICATION, BY REGION, 2013–2022 (USD MILLION)

Table 29 E-COMPASS MARKET FOR AUTOMOTIVE APPLICATION, BY REGION, 2013–2022 (MILLION UNITS)

Table 30 E-COMPASS MARKET FOR MARINE APPLICATION, BY TECHNOLOGY, 2013–2022 (USD MILLION)

Table 31 E-COMPASS MARKET FOR MARINE APPLICATION, BY TECHNOLOGY, 2013–2022 (THOUSAND UNITS)

Table 32 E-COMPASS MARKET FOR MARINE APPLICATION, BY SENSOR TYPE, 2013–2022 (USD MILLION)

Table 33 E-COMPASS MARKET FOR MARINE APPLICATION, BY REGION, 2013–2022 (USD MILLION)

Table 34 E-COMPASS MARKET FOR MARINE APPLICATION, BY REGION, 2013–2022 (THOUSAND UNITS)

Table 35 E-COMPASS MARKET FOR SURVEYING APPLICATION, BY TECHNOLOGY, 2013–2022 (USD MILLION)

Table 36 E-COMPASS MARKET FOR SURVEYING APPLICATION, BY TECHNOLOGY, 2013–2022 (THOUSAND UNITS)

Table 37 E-COMPASS MARKET FOR SURVEYING APPLICATION, BY SENSOR TYPE, 2013–2022 (USD MILLION)

Table 38 E-COMPASS MARKET FOR SURVEYING APPLICATION, BY REGION, 2013–2022 (USD MILLION)

Table 39 E-COMPASS MARKET FOR SURVEYING APPLICATION, BY REGION, 2013–2022 (THOUSAND UNITS)

Table 40 E-COMPASS MARKET FOR OTHER APPLICATIONS, BY TECHNOLOGY, 2013–2022 (USD THOUSAND)

Table 41 E-COMPASS MARKET FOR OTHER APPLICATION, BY TECHNOLOGY, 2013–2022 (THOUSAND UNITS)

Table 42 E-COMPASS MARKET FOR OTHER APPLICATIONS, BY SENSOR TYPE, 2013–2022 (USD THOUSAND)

Table 43 E-COMPASS MARKET FOR OTHER APPLICATIONS, BY REGION, 2013–2022 (USD THOUSAND)

Table 44 E-COMPASS MARKET FOR OTHER APPLICATIONS, BY REGION, 2013–2022 (THOUSAND UNITS)

Table 45 E-COMPASS MARKET, BY SENSOR TYPE, 2013–2022 (USD MILLION)

Table 46 E-COMPASS MARKET FOR 1-& 2-AXIS SENSOR, BY APPLICATION, 2013–2022, (USD MILLION)

Table 47 E-COMPASS MARKET FOR 3-AXIS SENSORS, BY APPLICATION, 2013–2022, (USD MILLION)

Table 48 E-COMPASS MARKET FOR 6-AXIS SENSORS, BY APPLICATION, 2013–2022, (USD MILLION)

Table 49 E-COMPASS MARKET FOR 9-AXIS SENSORS, BY APPLICATION, 2013–2022, (USD MILLION)

Table 50 E-COMPASS MARKET, BY REGION, 2013–2022 (USD MILLION)

Table 51 E-COMPASS MARKET, BY REGION, 2013–2022 (MILLION UNITS)

Table 52 E-COMPASS MARKET IN NORTH AMERICA, BY APPLICATION, 2013–2022 (USD MILLION)

Table 53 E-COMPASS MARKET IN NORTH AMERICA, BY APPLICATION, 2013–2022 (THOUSAND UNITS)

Table 54 E-COMPASS MARKET IN NORTH AMERICA, BY COUNTRY, 2013–2022 (USD MILLION)

Table 55 E-COMPASS MARKET IN EUROPE, BY APPLICATION, 2013–2022 (USD MILLION)

Table 56 E-COMPASS MARKET IN EUROPE, BY APPLICATION, 2013–2022 (THOUSAND UNITS)

Table 57 E-COMPASS MARKET IN EUROPE, BY COUNTRY, 2013–2022 (USD MILLION)

Table 58 E-COMPASS MARKET IN APAC, BY APPLICATION, 2013–2022 (USD MILLION)

Table 59 E-COMPASS MARKET IN APAC, BY APPLICATION, 2013–2022 (THOUSAND UNITS)

Table 60 E-COMPASS MARKET IN APAC, BY COUNTRY, 2013–2022 (USD MILLION)

Table 61 E-COMPASS MARKET IN ROW, BY APPLICATION, 2013–2022 (USD

MILLION)

Table 62 E-COMPASS MARKET IN ROW, BY APPLICATION, 2013–2022

(THOUSAND UNITS)

Table 63 E-COMPASS MARKET IN ROW, BY REGION, 2013–2022 (USD MILLION)

Table 64 RANKING IN THE E-COMPASS MARKET, 2015

Table 65 NEW PRODUCT LAUNCHES & CONTRACTS IN E-COMPASS MARKET,
2016

Table 66 ALLIANCES AND BUSINESS EXPANSIONS IN THE E-COMPASS MARKET
2016

Table 67 MERGER & ACQUISITION IN THE E-COMPASS MARKET 2015

List Of Figures

LIST OF FIGURES

Figure 1 E-COMPASS MARKET SEGMENTATION

Figure 2 E-COMPASS 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 ECOMPASS MARKET BY, VALUE AND VOLUME, 2016–2022

Figure 7 AUTOMOTIVE APPLICATION EXPECTED TO GROW AT THE HIGHEST RATE IN THE E-COMPASS MARKET DURING THE FORECAST PERIOD

Figure 8 HALL EFFECT-BASED E-COMPASS MARKET, IN TERMS OF VALUE AND VOLUME, 2016 VS 2022

Figure 9 6-AXIS E-COMPASS MARKET EXPECTED TO HOLD THE LARGEST SIZE BY 2022

Figure 10 ASIA-PACIFIC HELD THE LARGEST MARKET SHARE OF E-COMPASS MARKET IN 2015

Figure 11 LUCRATIVE OPPORTUNITIES IN THE GLOBAL E-COMPASS MARKET OWING TO THE APPLICATIONS IN CONSUMER ELECTRONICS AND AUTOMOTIVE SECTOR DURING THE FORECAST PERIOD

Figure 12 APAC REGION IS THE DOMINANT MARKET IN 2015 AND EXPECTED TO GROW AT THE FASTEST RATE DURING THE FORECAST PERIOD

Figure 13 CONSUMER ELECTRONICS TO REMAIN THE LARGEST MARKET DURING THE FORECAST PERIOD

Figure 14 MAGNETORESISTIVE TECHNOLOGY EXPECTED TO EXHIBIT THE HIGHEST GROWTH DURING THE FORECAST PERIOD

Figure 15 6-AXIS E-COMPASS TO HOLD THE LARGEST SIZE OF THE E-COMPASS MARKET DURING THE FORECAST PERIOD

Figure 16 ASIA-PACIFIC TO DOMINATE THE E-COMPASS MARKET DURING THE FORECAST PERIOD

Figure 17 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES OF THE E-COMPASS MARKET

Figure 18 EXPECTED GROWTH IN THE NUMBER OF WEARABLE UNITS SHIPMENTS

Figure 19 VALUE CHAIN ANALYSIS OF E-COMPASS MARKET: MAJOR VALUE ADDED BY COMPONENT MANUFACTURERS AND SYSTEM INTEGRATORS

Figure 20 PORTER'S FIVE FORCES ANALYSIS FOR E-COMPASS MARKET (2015)

Figure 21 PORTER'S FIVE FORCES IMPACT ANALYSIS FOR E-COMPASS

MARKET (2015)

Figure 22 BARGAINING POWER OF SUPPLIERS IMPACT ON E-COMPASS MARKET (2015)

Figure 23 BARGAINING POWER OF BUYERS, IMPACT ON E-COMPASS MARKET (2015)

Figure 24 THREAT OF NEW ENTRANTS IMPACT ON E-COMPASS MARKET (2015)

Figure 25 THREAT OF SUBSTITUTES IMPACT ON E-COMPASS MARKET (2015)

Figure 26 DEGREE OF COMPETITION, IMPACT ON E-COMPASS MARKET (2015)

Figure 27 E-COMPASS MARKET, BY TECHNOLOGY

Figure 28 MAGNETORESISTIVE TECHNOLOGY BASED E-COMPASS SHIPMENTS EXPECTED TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD

Figure 29 AEROSPACE & DEFENSE APPLICATION EXPECTED TO GROW AT THE HIGHEST RATE IN THE E-COMPASS SENSORS MARKET FOR HALL EFFECT TECHNOLOGY DURING THE FORECAST PERIOD

Figure 30 AUTOMOTIVE APPLICATION TO GROW AT THE HIGHEST RATE IN THE E-COMPASS MARKET FOR MAGNETORESISTIVE TECHNOLOGY DURING THE FORECAST PERIOD

Figure 31 E-COMPASS MARKET BY INDUSTRY VERTICALS

Figure 32 AUTOMOTIVE APPLICATION TO GROW AT THE HIGHEST RATE IN THE E-COMPASS MARKET DURING THE FORECAST PERIOD

Figure 33 WEARABLE DEVICES SEGMENT OF CONSUMER ELECTRONICS APPLICATION EXPECTED TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD

Figure 34 APAC REGION TO DOMINATE THE E-COMPASS MARKET FOR CONSUMER ELECTRONICS IN 2016

Figure 35 9-AXIS SENSOR MARKET FOR AEROSPACE & DEFENSE APPLICATION TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD

Figure 36 FLUXGATE TECHNOLOGY EXPECTED TO GROW AT THE HIGHEST RATE IN THE E-COMPASS MARKET FOR AUTOMOTIVE APPLICATION BETWEEN 2016 AND 2022

Figure 37 MAGNETORESISTIVE TECHNOLOGY TO GROW AT THE HIGHEST RATE IN THE E-COMPASS MARKET FOR MARINE APPLICATIONS DURING THE FORECAST PERIOD

Figure 38 APAC TO GROW AT THE HIGHEST RATE IN THE E-COMPASS MARKET FOR MARINE APPLICATION DURING THE FORECAST PERIOD

Figure 39 9-AXIS SENSORS MARKET FOR SURVEYING APPLICATION EXPECTED TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD

Figure 40 MAGNETORESISTIVE TECHNOLOGY OF THE E-COMPASS MARKET FOR OTHER APPLICATIONS TO GROW AT THE HIGHEST RATE DURING THE

FORECAST PERIOD

Figure 41 E-COMPASS MARKET, BY SENSOR TYPE

Figure 42 1-& 2-AXIS SENSORS TO GROW AT THE HIGHEST RATE IN THE E-COMPASS MARKET FOR SENSOR TYPE DURING THE FORECAST PERIOD

Figure 43 ASIA-PACIFIC REGION EXPECTED TO DOMINATE THE E-COMPASS MARKET BETWEEN 2016 AND 2022.

Figure 44 APAC TO DOMINATE THE E-COMPASS MARKET DURING THE FORECAST PERIOD

Figure 45 NORTH AMERICA: GEOGRAPHIC SNAPSHOT

Figure 46 EUROPE: GEOGRAPHIC SNAPSHOT

Figure 47 APAC; GEOGRAPHIC SNAPSHOT

Figure 48 REST OF THE WORLD: GEOGRAPHIC SNAPSHOT

Figure 49 COMPANIES ADOPTED PRODUCT INNOVATION AS THE KEY GROWTH STRATEGY

Figure 50 MARKET EVOLUTION FRAMEWORK: NEW PRODUCT LAUNCHES DOMINATED THE GROWTH BETWEEN 2013 AND 2015

Figure 51 BATTLE FOR MARKET SHARE: NEW PRODUCT LAUNCH WAS THE KEY STRATEGY ADOPTED BETWEEN 2013 AND 2015

Figure 52 GEOGRAPHIC REVENUE MIX OF MAJOR MARKET PLAYERS

Figure 53 AICHI STEEL CORPORATION: COMPANY SNAPSHOT

Figure 54 HONEYWELL INTERNATIONAL INC: COMPANY SNAPSHOT

Figure 55 NXP SEMICONDUCTORS: COMPANY SNAPSHOT

Figure 56 ST MICROELECTRONICS: COMPANY SNAPSHOT

Figure 57 MAGNACHIP SEMICONDUCTORS: COMPANY SNAPSHOT

Figure 58 INVENSENSE INC: COMPANY SNAPSHOT

I would like to order

Product name: E-Compass Market by Technology (Fluxgate, Hall Effect, Magnetoresistive), Type (1&2 Axis, 3 Axis, 6 Axis, 9 Axis), Application (Consumer Electronics, Aerospace & Defense, Automotive, Surveying, Marine) and Geography - Global Forecast to 2022

Product link: <https://marketpublishers.com/r/E1C022A5EA0EN.html>

Price: US\$ 5,650.00 (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/E1C022A5EA0EN.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