

Accelerometer and Gyroscope Market by Accelerometer Type (MEMS, Piezoelectric, and Piezoresistive), Gyroscope Type (MEMS, FOG, RLG, HRG, and DTG), Dimension (1, 2, and 3 Axis), Application (Low End and High End), and Geography - Global Forecast to 2022

<https://marketpublishers.com/r/A2A13859041EN.html>

Date: December 2016

Pages: 170

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

ID: A2A13859041EN

Abstracts

“The high-end accelerometer and gyroscope market growth is directly linked with the increasing defense expenditure globally”

The accelerometer and gyroscope market is expected to reach USD 3.50 billion by 2022. The high-end accelerometer and gyroscope market is expected to grow at a CAGR of 3.8% between 2016 and 2022, to reach USD 2.07 billion by 2022 from USD 1.59 billion in 2015. This growth can be attributed to the increasing defense expenditure globally owing to the growing demand for equipment optimized with several intelligent sensors for navigation, satellite antenna positioning, and other applications.

“MEMS accelerometers and gyroscopes are expected to be the fastest-growing types for the high-end application market during the forecast period”

The MEMS accelerometer and gyroscope market for the high-end applications is expected to grow at the highest rate between 2016 and 2022. This is mainly owing to the growing deployment of these sensors in remotely operated vehicles, aerospace, and industrial and defense sectors. Because of their benefits of low cost, small size, and high power efficiency, MEMS accelerometers are increasingly replacing traditional accelerometers in these applications.

“APAC would be the largest shareholder of the accelerometer and gyroscope market during the forecast period”

The overall accelerometer and gyroscope market in the APAC region accounted for the largest share of around 36.0% of the global market in 2015. Given the emergence of APAC as the manufacturing hub for low-end application industries such as automotive and consumer electronics, which are the major contributors to the accelerometer and gyroscope market, the APAC region is in the leading position in this market. The Americas is the second-largest region for the accelerometer and gyroscope market. The growing industrial and home automation, the adoption of emerging applications such as augmented and virtual reality and IoT, and the huge defense expenditure by the U.S. government act as the drivers for this market.

The breakup of primaries conducted during the study is depicted in below.

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

By Designation: C-level Executives – 50%, Directors – 25%, and Managers – 25%

By Region: Americas – 60%, Europe – 20%, APAC – 10%, and RoW – 10%

Some of the major players in the accelerometer and gyroscope market include Analog Devices Inc. (U.S.), Colibrys Ltd. (Switzerland), Fizoptika Corp. (Russia), Honeywell International, Inc. (U.S.), InnaLabs (Ireland), InvenSense, Inc. (U.S.), Kionix, Inc. (U.S.), KVH Industries, Inc. (U.S.), Murata Manufacturing Co., Ltd. (Japan), Northrop Grumman LITEF GmbH (Germany), NXP Semiconductors N.V. (Netherlands), Robert Bosch GmbH (Germany), SensorAS (Norway), STMicroelectronics N.V. (Switzerland), and Systron Donner Inertial (U.S.), among others.

Factors such as the growing demand for wearable electronics, commercialization of IoT, introduction of advanced consumer applications such as augmented and virtual reality, rising demand for unmanned and remotely operated autonomous vehicles, and the increase in fleet size in commercial aviation are expected to generate opportunities for this market in the near future.

Research Coverage:

This report includes the market statistics pertaining to type, dimension, application, and geography, along with their respective market size.

The Porter's five forces framework has been utilized along with the value chain analysis to provide an in-depth insight into the accelerometer and gyroscope market.

Major drivers, restraints, and opportunities for the accelerometer and gyroscope market have been detailed in this report.

The opportunities in the market have been defined for stakeholders, along with the details of the competitive landscape for the market leaders.

Strategic profiling of the key players of the accelerometer and gyroscope market has been provided and their market ranks and core competencies have been comprehensively analyzed.

Illustrative segmentation, analysis, and forecast for the markets on the basis types, dimension, application, and geography have been conducted to give an overall view of the accelerometer and gyroscope market.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 GEOGRAPHIC SCOPE
 - 1.3.3 YEARS CONSIDERED FOR THIS STUDY
- 1.4 CURRENCY
- 1.5 PACKAGE SIZE
- 1.6 LIMITATIONS
- 1.7 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 SUPPLY- AND DEMAND-SIDE ANALYSIS
- 2.3 MARKET SIZE ESTIMATION
 - 2.3.1 BOTTOM-UP APPROACH
 - 2.3.2 TOP-DOWN APPROACH
- 2.4 MARKET RANKING ESTIMATION
- 2.5 MARKET BREAKDOWN AND DATA TRIANGULATION
- 2.6 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN ACCELEROMETER AND GYROSCOPE MARKET
- 4.2 ACCELEROMETER AND GYROSCOPE MARKET, BY DIMENSION

- 4.3 ACCELEROMETER AND GYROSCOPE MARKET, BY TYPE
- 4.4 COUNTRY-WISE ANALYSIS OF ACCELEROMETER AND GYROSCOPE MARKET
- 4.5 ACCELEROMETER AND GYROSCOPE MARKET, BY REGION
- 4.6 ACCELEROMETER AND GYROSCOPE MARKET, BY APPLICATION
- 4.7 ACCELEROMETER AND GYROSCOPE MARKET LIFE CYCLE ANALYSIS, BY APPLICATION (2016)

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET EVOLUTION

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

- 5.3.1.1 High demand from consumer electronics industry
- 5.3.1.2 Stringent government regulations for automotive industry
- 5.3.1.3 Emergence of efficient, economical, and compact MEMS technology
- 5.3.1.4 Growing adoption of automation in industries and homes
- 5.3.1.5 Rising demand from emerging economies
- 5.3.1.6 Increasing defense expenditure globally

5.3.2 RESTRAINTS

- 5.3.2.1 Highly complex manufacturing process and demanding cycle time
- 5.3.2.2 Capital-intensive applications

5.3.3 OPPORTUNITIES

- 5.3.3.1 Growing demand for wearable electronics
- 5.3.3.2 Commercialization of IoT
- 5.3.3.3 Introduction of advanced consumer applications
- 5.3.3.4 Rising demand for unmanned vehicles
- 5.3.3.5 Increase in fleet size in commercial aviation

5.3.4 CHALLENGES

- 5.3.4.1 Low return on investment
- 5.3.4.2 Growing level of integration

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

6.3 PORTER'S FIVE FORCES ANALYSIS

6.3.1 THREAT OF NEW ENTRANTS

- 6.3.2 THREAT OF SUBSTITUTES
- 6.3.3 BARGAINING POWER OF SUPPLIERS
- 6.3.4 BARGAINING POWER OF BUYERS
- 6.3.5 COMPETITIVE RIVALRY

7 ACCELEROMETER AND GYROSCOPE MARKET, BY TYPE

- 7.1 INTRODUCTION
- 7.2 ACCELEROMETER
 - 7.2.1 MEMS ACCELEROMETER
 - 7.2.2 PIEZOELECTRIC ACCELEROMETER
 - 7.2.3 PIEZORESISTIVE ACCELEROMETER
 - 7.2.4 OTHERS
- 7.3 GYROSCOPE
 - 7.3.1 MEMS GYROSCOPE
 - 7.3.2 RING LASER GYROSCOPE (RLG)
 - 7.3.3 FIBER-OPTIC GYROSCOPE (FOG)
 - 7.3.4 HEMISPHERICAL RESONATOR GYROSCOPE (HRG)
 - 7.3.5 DYNAMICALLY TUNED GYROSCOPE (DTG)
 - 7.3.6 OTHERS

8 ACCELEROMETER AND GYROSCOPE MARKET, BY DIMENSION

- 8.1 INTRODUCTION
- 8.2 1 AXIS
- 8.3 2 AXIS
- 8.4 3 AXIS

9 ACCELEROMETER AND GYROSCOPE MARKET, BY APPLICATION

- 9.1 INTRODUCTION
- 9.2 LOW-END APPLICATION
 - 9.2.1 TRANSPORTATION
 - 9.2.1.1 Railway
 - 9.2.1.2 Automotive
 - 9.2.2 ELECTRONICS
 - 9.2.2.1 Smartphones, tablets, and laptops
 - 9.2.2.2 Wearable devices
 - 9.2.2.3 PorTable navigation devices (PNDs)

9.2.2.4 PorTable media players

9.2.2.5 Digital cameras

9.2.2.6 Gaming consoles

9.2.2.7 Others

9.2.3 OTHERS

9.2.3.1 Home automation

9.2.3.2 IoT

9.2.3.3 Structural health monitoring

9.3 HIGH-END APPLICATION

9.3.1 DEFENSE

9.3.2 AEROSPACE

9.3.2.1 Commercial aircraft

9.3.2.2 Military aircraft

9.3.2.3 Spacecraft

9.3.3 REMOTELY OPERATED VEHICLES (ROVS)

9.3.3.1 Unmanned underwater vehicles (UUVs)

9.3.3.2 Unmanned aerial vehicles (UAVs)

9.3.3.3 Unmanned ground vehicles (UGVs)

9.3.4 INDUSTRIAL

9.3.4.1 Stabilization

9.3.4.2 Flow/level sensors

9.3.4.3 Others

9.3.5 MEDICAL

10 GEOGRAPHIC ANALYSIS

10.1 INTRODUCTION

10.2 AMERICAS

10.2.1 US

10.2.2 CANADA

10.2.3 MEXICO

10.2.4 BRAZIL

10.2.5 REST OF AMERICAS

10.3 EUROPE

10.3.1 GERMANY

10.3.2 FRANCE

10.3.3 UK

10.3.4 ITALY

10.3.5 REST OF EUROPE

10.4 ASIA PACIFIC

10.4.1 JAPAN

10.4.2 CHINA

10.4.3 SOUTH KOREA

10.4.4 INDIA

10.4.5 REST OF APAC

10.5 ROW

10.5.1 MIDDLE EAST

10.5.2 AFRICA

11 COMPETITIVE LANDSCAPE

11.1 OVERVIEW

11.2 MARKET RANKING ANALYSIS

11.3 COMPETITIVE SCENARIO

11.3.1 PRODUCT LAUNCHES

11.3.2 ACQUISITIONS, EXPANSIONS, PARTNERSHIPS, AND AGREEMENTS

12 COMPANY PROFILES

12.1 INTRODUCTION

(Business overview, Products offered, Recent developments, MNM view, SWOT analysis)*

12.2 ROBERT BOSCH GMBH

12.3 STMICROELECTRONICS N.V.

12.4 ANALOG DEVICES, INC.

12.5 COLIBRYS LTD.

12.6 HONEYWELL INTERNATIONAL, INC.

12.7 NORTHROP GRUMMAN LITEF GMBH

12.8 KVH INDUSTRIES, INC.

12.9 MURATA MANUFACTURING CO., LTD.

12.10 NXP SEMICONDUCTORS N.V.

12.11 INVENSENSE, INC.

12.12 KIONIX, INC.

12.13 FIZOPTIKA CORP.

12.14 INNALABS HOLDING INC.

12.15 SENSOR AS

12.16 SYSTRON DONNER INERTIAL

*Business overview, Products offered, Recent developments, MNM view, SWOT analysis 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 VARIOUS GOVERNMENT REGULATIONS FOR AUTOMOTIVE INDUSTRY

Table 2 PORTER'S FIVE FORCES IMPACT

Table 3 ACCELEROMETER AND GYROSCOPE MARKET, 2014–2022 (USD MILLION)

Table 4 ACCELEROMETER AND GYROSCOPE MARKET, 2014–2022 (MILLION UNITS)

Table 5 ACCELEROMETER MARKET, BY TYPE, 2014–2022 (USD MILLION)

Table 6 MEMS ACCELEROMETER MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 7 MEMS ACCELEROMETER MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 8 PIEZOELECTRIC ACCELEROMETER MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 9 PIEZOELECTRIC ACCELEROMETER MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 10 PIEZORESISTIVE ACCELEROMETER MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 11 PIEZORESISTIVE ACCELEROMETER MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 12 ACCELEROMETER MARKET FOR OTHERS, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 13 GYROSCOPE MARKET, BY TYPE, 2014–2022 (USD MILLION)

Table 14 MEMS GYROSCOPE MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 15 MEMS GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 16 RING LASER GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 17 FIBER-OPTIC GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 18 HEMISPHERICAL RESONATOR GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 19 DYNAMICALLY TUNED GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 20 GYROSCOPE MARKET FOR OTHERS, BY HIGH-END APPLICATION,

2014–2022 (USD MILLION)

Table 21 ACCELEROMETER MARKET, BY DIMENSION, 2014–2022 (USD MILLION)

Table 22 GYROSCOPE MARKET, BY DIMENSION, 2014–2022 (USD MILLION)

Table 23 1-AXIS ACCELEROMETER MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 24 1-AXIS GYROSCOPE MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 25 1-AXIS ACCELEROMETER MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 26 1-AXIS GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 27 2-AXIS ACCELEROMETER MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 28 2-AXIS GYROSCOPE MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 29 2-AXIS ACCELEROMETER MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 30 2-AXIS GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 31 3-AXIS ACCELEROMETER MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 32 3-AXIS GYROSCOPE MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 33 3-AXIS ACCELEROMETER MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 34 3-AXIS GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 35 ACCELEROMETER MARKET, BY APPLICATION TYPE, 2014–2022 (USD MILLION)

Table 36 ACCELEROMETER MARKET, BY APPLICATION TYPE, 2014–2022 (MILLION UNITS)

Table 37 GYROSCOPE MARKET, BY APPLICATION TYPE, 2014–2022 (USD MILLION)

Table 38 GYROSCOPE MARKET, BY APPLICATION TYPE, 2014–2022 (MILLION UNITS)

Table 39 ACCELEROMETER MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 40 ACCELEROMETER MARKET, BY LOW-END APPLICATION, 2014–2022 (MILLION UNITS)

Table 41 GYROSCOPE MARKET, BY LOW-END APPLICATION, 2014–2022 (USD MILLION)

Table 42 GYROSCOPE MARKET, BY LOW-END APPLICATION, 2014–2022 (MILLION UNITS)

Table 43 ACCELEROMETER MARKET FOR TRANSPORTATION, BY TYPE, 2014–2022 (USD MILLION)

Table 44 ACCELEROMETER MARKET FOR OTHERS, BY TYPE, 2014–2022 (USD MILLION)

Table 45 ACCELEROMETER MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 46 ACCELEROMETER MARKET, BY HIGH-END APPLICATION, 2014–2022 (MILLION UNITS)

Table 47 GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (USD MILLION)

Table 48 GYROSCOPE MARKET, BY HIGH-END APPLICATION, 2014–2022 (MILLION UNITS)

Table 49 ACCELEROMETER MARKET FOR DEFENSE, BY TYPE, 2014–2022 (USD MILLION)

Table 50 GYROSCOPE MARKET FOR DEFENSE, BY TYPE, 2014–2022 (USD MILLION)

Table 51 ACCELEROMETER MARKET FOR AEROSPACE, BY TYPE, 2014–2022 (USD MILLION)

Table 52 GYROSCOPE MARKET FOR AEROSPACE, BY TYPE, 2014–2022 (USD MILLION)

Table 53 ACCELEROMETER MARKET FOR REMOTELY OPERATED VEHICLES, BY TYPE, 2014–2022 (USD MILLION)

Table 54 GYROSCOPE MARKET FOR REMOTELY OPERATED VEHICLES, BY TYPE, 2014–2022 (USD MILLION)

Table 55 ACCELEROMETER MARKET FOR INDUSTRIAL, BY TYPE, 2014–2022 (USD MILLION)

Table 56 GYROSCOPE MARKET FOR INDUSTRIAL, BY TYPE, 2014–2022 (USD MILLION)

Table 57 ACCELEROMETER MARKET FOR MEDICAL, BY TYPE, 2014–2022 (USD MILLION)

Table 58 GYROSCOPE MARKET FOR MEDICAL, BY TYPE, 2014–2022 (USD MILLION)

Table 59 ACCELEROMETER AND GYROSCOPE MARKET, BY REGION, 2014–2022 (USD MILLION)

Table 60 ACCELEROMETER MARKET, BY REGION, 2014–2022 (USD MILLION)

Table 61 GYROSCOPE MARKET, BY REGION, 2014–2022 (USD MILLION)

Table 62 ACCELEROMETER AND GYROSCOPE MARKET IN AMERICAS, BY COUNTRY, 2014–2022 (USD MILLION)

Table 63 ACCELEROMETER AND GYROSCOPE MARKET IN EUROPE, BY COUNTRY, 2014–2022 (USD MILLION)

Table 64 ACCELEROMETER AND GYROSCOPE MARKET IN APAC, BY COUNTRY, 2014–2022 (USD MILLION)

Table 65 ACCELEROMETER AND GYROSCOPE MARKET IN ROW, BY REGION, 2014–2022 (USD MILLION)

Table 66 TOP 5 PLAYERS IN ACCELEROMETER AND GYROSCOPE MARKET FOR LOW-END APPLICATIONS (2015)

Table 67 TOP 5 PLAYERS IN ACCELEROMETER AND GYROSCOPE MARKET FOR HIGH-END APPLICATIONS (2015)

Table 68 10 RECENT PRODUCT LAUNCHES IN ACCELEROMETER AND GYROSCOPE MARKET

Table 69 5 RECENT ACQUISITIONS, EXPANSIONS, PARTNERSHIPS, AND AGREEMENTS IN ACCELEROMETER AND GYROSCOPE MARKET

List Of Figures

LIST OF FIGURES

Figure 1 ACCELEROMETER AND GYROSCOPE MARKET: RESEARCH DESIGN

Figure 2 SECONDARY SOURCES

Figure 3 IOT ECOSYSTEM TAXONOMY

Figure 4 TIME-SCALE ANALYSIS

Figure 5 DELPHI METHOD

Figure 6 MARKET SIZE ESTIMATION PROCESS FLOW

Figure 7 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 8 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 9 MARKET BREAKDOWN & DATA TRIANGULATION

Figure 10 ASSUMPTIONS FOR RESEARCH STUDY

Figure 11 3-AXIS ACCELEROMETERS AND GYROSCOPES TO HOLD LARGEST MARKET SIZE BY 2022

Figure 12 MEMS ACCELEROMETERS AND GYROSCOPES ACCOUNTED FOR LARGEST MARKET SHARE IN 2016

Figure 13 ACCELEROMETER AND GYROSCOPE MARKET FOR REMOTELY OPERATED VEHICLES TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 14 ACCELEROMETER AND GYROSCOPE MARKET IN AMERICAS TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 15 EMERGENCE OF ADVANCED APPLICATIONS EXPECTED TO INCREASE DEMAND FOR ACCELEROMETERS AND GYROSCOPES

Figure 16 3-AXIS ACCELEROMETERS AND GYROSCOPES TO HOLD LARGE MARKET SIZE DURING FORECAST PERIOD

Figure 17 MEMS ACCELEROMETERS AND GYROSCOPES HELD LARGEST MARKET SHARE IN 2016

Figure 18 US HELD LARGEST SHARE OF ACCELEROMETER AND GYROSCOPE MARKET IN 2016

Figure 19 ACCELEROMETER AND GYROSCOPE MARKET IN AMERICAS TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 21 REMOTELY OPERATED VEHICLE AND INDUSTRIAL APPLICATIONS RECENTLY ENTERED THE GROWTH STAGE

Figure 22 EVOLUTION OF ACCELEROMETER AND GYROSCOPE MARKET

Figure 23 EMERGENCE OF EFFICIENT, ECONOMIC, AND COMPACT MEMS TECHNOLOGY TO PROPEL DEMAND FOR ACCELEROMETERS AND GYROSCOPES

Figure 24 TOTAL SMARTPHONE USERS IN THE WORLD (2013–2020)

Figure 25 DEFENSE EXPENDITURE OF TOP 10 COUNTRIES IN 2015

Figure 26 ESTIMATED NEW AIRPLANE DELIVERIES BETWEEN 2016 AND 2035

Figure 27 VALUE CHAIN ANALYSIS: ACCELEROMETER AND GYROSCOPE MARKET

Figure 28 PORTER'S FIVE FORCES MODEL FOR ACCELEROMETER AND GYROSCOPE MARKET (2016)

Figure 29 PORTER'S FIVE FORCES ANALYSIS

Figure 30 HIGH DOMINANCE OF EXISTING PLAYERS AND MODERATE GROWTH RATE LOWER THE IMPACT OF THREAT OF NEW ENTRANTS

Figure 31 LOW THREAT OF SUBSTITUTES OWING TO LACK OF VIABLE ALTERNATIVES

Figure 32 MEDIUM IMPACT OF BARGAINING POWER OF SUPPLIERS DUE TO HIGH SWITCHING COSTS AND LOW SUPPLIER CONCENTRATION

Figure 33 BUYER VOLUME LEVERAGE AND HIGH BUYER CONCENTRATION VS. INDUSTRY STRENGTHEN BUYER BARGAINING POWER

Figure 34 HIGH DEGREE OF COMPETITIVE RIVALRY OWING TO PRESENCE OF LARGE NUMBER OF PLAYERS

Figure 35 GYROSCOPE EXPECTED TO HOLD LARGER MARKET SIZE DURING FORECAST PERIOD

Figure 36 MEMS ACCELEROMETER EXPECTED TO HOLD LARGEST SIZE OF ACCELEROMETER MARKET DURING FORECAST PERIOD

Figure 37 MARKET FOR HEMISPHERICAL RESONATOR GYROSCOPE TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 38 3-AXIS ACCELEROMETERS EXPECTED TO HOLD LARGEST SIZE OF ACCELEROMETER MARKET DURING FORECAST PERIOD

Figure 39 3-AXIS GYROSCOPES EXPECTED TO HOLD LARGEST MARKET SIZE BY 2022

Figure 40 ACCELEROMETER MARKET FOR HIGH-END APPLICATIONS TO GROW AT HIGHER CAGR DURING FORECAST PERIOD

Figure 41 HIGH-END APPLICATION TYPE TO DOMINATE GYROSCOPE MARKET DURING FORECAST PERIOD

Figure 42 ACCELEROMETER MARKET FOR OTHERS TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 43 GYROSCOPE MARKET FOR OTHERS TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 44 MEMS GYROSCOPE MARKET FOR TRANSPORTATION APPLICATION, 2014–2022 (USD MILLION)

Figure 45 MEMS ACCELEROMETER MARKET FOR ELECTRONICS, 2014–2022

(USD MILLION)

Figure 46 MEMS GYROSCOPE MARKET FOR ELECTRONICS, 2014–2022 (USD MILLION)

Figure 47 MEMS GYROSCOPE MARKET FOR OTHERS, 2014–2022 (USD MILLION)

Figure 48 ACCELEROMETER MARKET FOR REMOTELY OPERATED VEHICLES TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 49 GYROSCOPE MARKET FOR REMOTELY OPERATED VEHICLES TO REGISTER HIGHEST GROWTH DURING FORECAST PERIOD

Figure 50 ACCELEROMETER AND GYROSCOPE MARKET: GEOGRAPHIC SNAPSHOT

Figure 51 AMERICAS: ACCELEROMETER AND GYROSCOPE MARKET SNAPSHOT

Figure 52 EUROPE: ACCELEROMETER AND GYROSCOPE MARKET SNAPSHOT

Figure 53 APAC: ACCELEROMETER AND GYROSCOPE MARKET SNAPSHOT

Figure 54 ROW: ACCELEROMETER AND GYROSCOPE MARKET SNAPSHOT

Figure 55 COMPANIES ADOPTED PRODUCT LAUNCHES AS KEY GROWTH STRATEGY BETWEEN JANUARY 2014 AND OCTOBER 2016

Figure 56 ACCELEROMETER AND GYROSCOPE MARKET EVALUATION FRAMEWORK

Figure 57 BATTLE FOR MARKET SHARE

Figure 58 GEOGRAPHIC REVENUE MIX OF TOP MARKET PLAYERS

Figure 59 ROBERT BOSCH GMBH: COMPANY SNAPSHOT

Figure 60 ROBERT BOSCH GMBH: SWOT ANALYSIS

Figure 61 STMICROELECTRONICS N.V.: COMPANY SNAPSHOT

Figure 62 STMICROELECTRONICS N.V.: SWOT ANALYSIS

Figure 63 ANALOG DEVICES, INC.: COMPANY SNAPSHOT

Figure 64 ANALOG DEVICES, INC.: SWOT ANALYSIS

Figure 65 COLIBRYS LTD.: COMPANY SNAPSHOT

Figure 66 COLIBRYS LTD.: SWOT ANALYSIS

Figure 67 HONEYWELL INTERNATIONAL, INC.: COMPANY SNAPSHOT

Figure 68 HONEYWELL INTERNATIONAL, INC.: SWOT ANALYSIS

Figure 69 NORTHROP GRUMMAN LITEF GMBH: COMPANY SNAPSHOT

Figure 70 NORTHROP GRUMMAN LITEF GMBH: SWOT ANALYSIS

Figure 71 KVH INDUSTRIES, INC.: COMPANY SNAPSHOT

Figure 72 MURATA MANUFACTURING CO., LTD.: COMPANY SNAPSHOT

Figure 73 NXP SEMICONDUCTORS N.V.: COMPANY SNAPSHOT

Figure 74 INVENSENSE, INC.: COMPANY SNAPSHOT

Figure 75 KIONIX, INC.: COMPANY SNAPSHOT

I would like to order

Product name: Accelerometer and Gyroscope Market by Accelerometer Type (MEMS, Piezoelectric, and Piezoresistive), Gyroscope Type (MEMS, FOG, RLG, HRG, and DTG), Dimension (1, 2, and 3 Axis), Application (Low End and High End), and Geography - Global Forecast to 2022

Product link: <https://marketpublishers.com/r/A2A13859041EN.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/A2A13859041EN.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