

# Global MEMS Accelerometer and Gyroscope Market Research Report 2023

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## Abstracts

Microelectromechanical system (MEMS) sensors offer several advantages, such as accuracy and reliability, and the potential to make smaller electronic devices. As a result, they have gained significant traction in the past few years. Accelerometers and gyroscopes are the MEMS sensors of choice for providing acceleration and rotational information in drones, cellphones, automobiles, airplanes. Further, industrial automation and demand for miniaturized consumer devices, such as wearables and IoT-connected devices, among others, across regions, are among the significant factors driving the MEMS Accelerometer and Gyroscope market.

According to QYResearch's new survey, global MEMS Accelerometer and Gyroscope market is projected to reach US\$ 4618.7 million in 2029, increasing from US\$ 2531 million in 2022, with the CAGR of 9.0% during the period of 2023 to 2029. Influencing issues, such as economy environments, COVID-19 and Russia-Ukraine War, have led to great market fluctuations in the past few years and are considered comprehensively in the whole MEMS Accelerometer and Gyroscope market research.

According to our research, the global Electronic Components market is approximately USD 466.61 billion in 2022. The Asia-Pacific region is a major market for electronic components. The downstream application fields of the electronic components industry are extensive, including communication equipment, consumer electronics, automotive electronics, smart home, industrial control, military security and other fields. Unlike the strong industry demand in 2021, downstream industry demand in 2022 showed a differentiated trend. The demand for traditional electronic applications represented by mobile phones and computers has turned weak, which has a greater impact on the demand of the entire industry; the demand for communication equipment and data centers has maintained growth but slowed down, and the industrial and Internet of

Things driven by digital transformation and the development of artificial intelligence technology. The steady growth of application demand and the accelerated development of the new energy vehicle market can offset the decline in some consumer markets and provide support for long-term demand growth.

## Report Scope

This report, based on historical analysis (2018-2022) and forecast calculation (2023-2029), aims to help readers to get a comprehensive understanding of global MEMS Accelerometer and Gyroscope market with multiple angles, which provides sufficient supports to readers' strategy and decision making.

## By Company

Analog Devices

Bosch Sensortec

Honeywell International

Microchip Technology

Murata Manufacturing

NXP Semiconductors

STMicroelectronics

InvenSense

KIONIX

Northrop Grumman Lites

## Segment by Type

1-Axis

2-Axis

3-Axis

### Segment by Application

Consumer Electronics

Automotive

Aerospace and Defense

Other

### Production by Region

North America

Europe

China

Japan

### Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

#### Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

#### Latin America, Middle East & Africa

Mexico

Brazil

Turkey

GCC Countries

The MEMS Accelerometer and Gyroscope report covers below items:

Chapter 1: Product Basic Information (Definition, type and application)

Chapter 2: Manufacturers' Competition Patterns

Chapter 3: Production Region Distribution and Analysis

Chapter 4: Country Level Sales Analysis

Chapter 5: Product Type Analysis

Chapter 6: Product Application Analysis

Chapter 7: Manufacturers' Outline

Chapter 8: Industry Chain, Market Channel and Customer Analysis

Chapter 9: Market Opportunities and Challenges

Chapter 10: Market Conclusions

Chapter 11: Research Methodology and Data Source

## Contents

### **1 MEMS ACCELEROMETER AND GYROSCOPE MARKET OVERVIEW**

#### 1.1 Product Definition

#### 1.2 MEMS Accelerometer and Gyroscope Segment by Type

##### 1.2.1 Global MEMS Accelerometer and Gyroscope Market Value Growth Rate Analysis by Type 2022 VS 2029

##### 1.2.2 1-Axis

##### 1.2.3 2-Axis

##### 1.2.4 3-Axis

#### 1.3 MEMS Accelerometer and Gyroscope Segment by Application

##### 1.3.1 Global MEMS Accelerometer and Gyroscope Market Value Growth Rate Analysis by Application: 2022 VS 2029

##### 1.3.2 Consumer Electronics

##### 1.3.3 Automotive

##### 1.3.4 Aerospace and Defense

##### 1.3.5 Other

#### 1.4 Global Market Growth Prospects

##### 1.4.1 Global MEMS Accelerometer and Gyroscope Production Value Estimates and Forecasts (2018-2029)

##### 1.4.2 Global MEMS Accelerometer and Gyroscope Production Capacity Estimates and Forecasts (2018-2029)

##### 1.4.3 Global MEMS Accelerometer and Gyroscope Production Estimates and Forecasts (2018-2029)

##### 1.4.4 Global MEMS Accelerometer and Gyroscope Market Average Price Estimates and Forecasts (2018-2029)

#### 1.5 Assumptions and Limitations

### **2 MARKET COMPETITION BY MANUFACTURERS**

#### 2.1 Global MEMS Accelerometer and Gyroscope Production Market Share by Manufacturers (2018-2023)

#### 2.2 Global MEMS Accelerometer and Gyroscope Production Value Market Share by Manufacturers (2018-2023)

#### 2.3 Global Key Players of MEMS Accelerometer and Gyroscope, Industry Ranking, 2021 VS 2022 VS 2023

#### 2.4 Global MEMS Accelerometer and Gyroscope Market Share by Company Type (Tier 1, Tier 2 and Tier 3)

2.5 Global MEMS Accelerometer and Gyroscope Average Price by Manufacturers (2018-2023)

2.6 Global Key Manufacturers of MEMS Accelerometer and Gyroscope, Manufacturing Base Distribution and Headquarters

2.7 Global Key Manufacturers of MEMS Accelerometer and Gyroscope, Product Offered and Application

2.8 Global Key Manufacturers of MEMS Accelerometer and Gyroscope, Date of Enter into This Industry

2.9 MEMS Accelerometer and Gyroscope Market Competitive Situation and Trends

2.9.1 MEMS Accelerometer and Gyroscope Market Concentration Rate

2.9.2 Global 5 and 10 Largest MEMS Accelerometer and Gyroscope Players Market Share by Revenue

2.10 Mergers & Acquisitions, Expansion

### **3 MEMS ACCELEROMETER AND GYROSCOPE PRODUCTION BY REGION**

3.1 Global MEMS Accelerometer and Gyroscope Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

3.2 Global MEMS Accelerometer and Gyroscope Production Value by Region (2018-2029)

3.2.1 Global MEMS Accelerometer and Gyroscope Production Value Market Share by Region (2018-2023)

3.2.2 Global Forecasted Production Value of MEMS Accelerometer and Gyroscope by Region (2024-2029)

3.3 Global MEMS Accelerometer and Gyroscope Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

3.4 Global MEMS Accelerometer and Gyroscope Production by Region (2018-2029)

3.4.1 Global MEMS Accelerometer and Gyroscope Production Market Share by Region (2018-2023)

3.4.2 Global Forecasted Production of MEMS Accelerometer and Gyroscope by Region (2024-2029)

3.5 Global MEMS Accelerometer and Gyroscope Market Price Analysis by Region (2018-2023)

3.6 Global MEMS Accelerometer and Gyroscope Production and Value, Year-over-Year Growth

3.6.1 North America MEMS Accelerometer and Gyroscope Production Value Estimates and Forecasts (2018-2029)

3.6.2 Europe MEMS Accelerometer and Gyroscope Production Value Estimates and Forecasts (2018-2029)

3.6.3 China MEMS Accelerometer and Gyroscope Production Value Estimates and Forecasts (2018-2029)

3.6.4 Japan MEMS Accelerometer and Gyroscope Production Value Estimates and Forecasts (2018-2029)

## **4 MEMS ACCELEROMETER AND GYROSCOPE CONSUMPTION BY REGION**

4.1 Global MEMS Accelerometer and Gyroscope Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

4.2 Global MEMS Accelerometer and Gyroscope Consumption by Region (2018-2029)

4.2.1 Global MEMS Accelerometer and Gyroscope Consumption by Region (2018-2023)

4.2.2 Global MEMS Accelerometer and Gyroscope Forecasted Consumption by Region (2024-2029)

4.3 North America

4.3.1 North America MEMS Accelerometer and Gyroscope Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.3.2 North America MEMS Accelerometer and Gyroscope Consumption by Country (2018-2029)

4.3.3 United States

4.3.4 Canada

4.4 Europe

4.4.1 Europe MEMS Accelerometer and Gyroscope Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.4.2 Europe MEMS Accelerometer and Gyroscope Consumption by Country (2018-2029)

4.4.3 Germany

4.4.4 France

4.4.5 U.K.

4.4.6 Italy

4.4.7 Russia

4.5 Asia Pacific

4.5.1 Asia Pacific MEMS Accelerometer and Gyroscope Consumption Growth Rate by Region: 2018 VS 2022 VS 2029

4.5.2 Asia Pacific MEMS Accelerometer and Gyroscope Consumption by Region (2018-2029)

4.5.3 China

4.5.4 Japan

4.5.5 South Korea



4.5.6 China Taiwan

4.5.7 Southeast Asia

4.5.8 India

4.6 Latin America, Middle East & Africa

4.6.1 Latin America, Middle East & Africa MEMS Accelerometer and Gyroscope Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

4.6.2 Latin America, Middle East & Africa MEMS Accelerometer and Gyroscope Consumption by Country (2018-2029)

4.6.3 Mexico

4.6.4 Brazil

4.6.5 Turkey

## **5 SEGMENT BY TYPE**

5.1 Global MEMS Accelerometer and Gyroscope Production by Type (2018-2029)

5.1.1 Global MEMS Accelerometer and Gyroscope Production by Type (2018-2023)

5.1.2 Global MEMS Accelerometer and Gyroscope Production by Type (2024-2029)

5.1.3 Global MEMS Accelerometer and Gyroscope Production Market Share by Type (2018-2029)

5.2 Global MEMS Accelerometer and Gyroscope Production Value by Type (2018-2029)

5.2.1 Global MEMS Accelerometer and Gyroscope Production Value by Type (2018-2023)

5.2.2 Global MEMS Accelerometer and Gyroscope Production Value by Type (2024-2029)

5.2.3 Global MEMS Accelerometer and Gyroscope Production Value Market Share by Type (2018-2029)

5.3 Global MEMS Accelerometer and Gyroscope Price by Type (2018-2029)

## **6 SEGMENT BY APPLICATION**

6.1 Global MEMS Accelerometer and Gyroscope Production by Application (2018-2029)

6.1.1 Global MEMS Accelerometer and Gyroscope Production by Application (2018-2023)

6.1.2 Global MEMS Accelerometer and Gyroscope Production by Application (2024-2029)

6.1.3 Global MEMS Accelerometer and Gyroscope Production Market Share by Application (2018-2029)

6.2 Global MEMS Accelerometer and Gyroscope Production Value by Application

(2018-2029)

6.2.1 Global MEMS Accelerometer and Gyroscope Production Value by Application

(2018-2023)

6.2.2 Global MEMS Accelerometer and Gyroscope Production Value by Application

(2024-2029)

6.2.3 Global MEMS Accelerometer and Gyroscope Production Value Market Share by Application (2018-2029)

6.3 Global MEMS Accelerometer and Gyroscope Price by Application (2018-2029)

## **7 KEY COMPANIES PROFILED**

### 7.1 Analog Devices

7.1.1 Analog Devices MEMS Accelerometer and Gyroscope Corporation Information

7.1.2 Analog Devices MEMS Accelerometer and Gyroscope Product Portfolio

7.1.3 Analog Devices MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)

7.1.4 Analog Devices Main Business and Markets Served

7.1.5 Analog Devices Recent Developments/Updates

### 7.2 Bosch Sensortec

7.2.1 Bosch Sensortec MEMS Accelerometer and Gyroscope Corporation Information

7.2.2 Bosch Sensortec MEMS Accelerometer and Gyroscope Product Portfolio

7.2.3 Bosch Sensortec MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)

7.2.4 Bosch Sensortec Main Business and Markets Served

7.2.5 Bosch Sensortec Recent Developments/Updates

### 7.3 Honeywell International

7.3.1 Honeywell International MEMS Accelerometer and Gyroscope Corporation Information

7.3.2 Honeywell International MEMS Accelerometer and Gyroscope Product Portfolio

7.3.3 Honeywell International MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)

7.3.4 Honeywell International Main Business and Markets Served

7.3.5 Honeywell International Recent Developments/Updates

### 7.4 Microchip Technology

7.4.1 Microchip Technology MEMS Accelerometer and Gyroscope Corporation Information

7.4.2 Microchip Technology MEMS Accelerometer and Gyroscope Product Portfolio

7.4.3 Microchip Technology MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)

- 7.4.4 Microchip Technology Main Business and Markets Served
- 7.4.5 Microchip Technology Recent Developments/Updates
- 7.5 Murata Manufacturing
  - 7.5.1 Murata Manufacturing MEMS Accelerometer and Gyroscope Corporation Information
  - 7.5.2 Murata Manufacturing MEMS Accelerometer and Gyroscope Product Portfolio
  - 7.5.3 Murata Manufacturing MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)
  - 7.5.4 Murata Manufacturing Main Business and Markets Served
  - 7.5.5 Murata Manufacturing Recent Developments/Updates
- 7.6 NXP Semiconductors
  - 7.6.1 NXP Semiconductors MEMS Accelerometer and Gyroscope Corporation Information
  - 7.6.2 NXP Semiconductors MEMS Accelerometer and Gyroscope Product Portfolio
  - 7.6.3 NXP Semiconductors MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)
  - 7.6.4 NXP Semiconductors Main Business and Markets Served
  - 7.6.5 NXP Semiconductors Recent Developments/Updates
- 7.7 STMicroelectronics
  - 7.7.1 STMicroelectronics MEMS Accelerometer and Gyroscope Corporation Information
  - 7.7.2 STMicroelectronics MEMS Accelerometer and Gyroscope Product Portfolio
  - 7.7.3 STMicroelectronics MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)
  - 7.7.4 STMicroelectronics Main Business and Markets Served
  - 7.7.5 STMicroelectronics Recent Developments/Updates
- 7.8 InvenSense
  - 7.8.1 InvenSense MEMS Accelerometer and Gyroscope Corporation Information
  - 7.8.2 InvenSense MEMS Accelerometer and Gyroscope Product Portfolio
  - 7.8.3 InvenSense MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)
  - 7.8.4 InvenSense Main Business and Markets Served
  - 7.7.5 InvenSense Recent Developments/Updates
- 7.9 KIONIX
  - 7.9.1 KIONIX MEMS Accelerometer and Gyroscope Corporation Information
  - 7.9.2 KIONIX MEMS Accelerometer and Gyroscope Product Portfolio
  - 7.9.3 KIONIX MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)
  - 7.9.4 KIONIX Main Business and Markets Served

- 7.9.5 KIONIX Recent Developments/Updates
- 7.10 Northrop Grumman Litef
  - 7.10.1 Northrop Grumman Litef MEMS Accelerometer and Gyroscope Corporation Information
  - 7.10.2 Northrop Grumman Litef MEMS Accelerometer and Gyroscope Product Portfolio
  - 7.10.3 Northrop Grumman Litef MEMS Accelerometer and Gyroscope Production, Value, Price and Gross Margin (2018-2023)
  - 7.10.4 Northrop Grumman Litef Main Business and Markets Served
  - 7.10.5 Northrop Grumman Litef Recent Developments/Updates

## **8 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS**

- 8.1 MEMS Accelerometer and Gyroscope Industry Chain Analysis
- 8.2 MEMS Accelerometer and Gyroscope Key Raw Materials
  - 8.2.1 Key Raw Materials
  - 8.2.2 Raw Materials Key Suppliers
- 8.3 MEMS Accelerometer and Gyroscope Production Mode & Process
- 8.4 MEMS Accelerometer and Gyroscope Sales and Marketing
  - 8.4.1 MEMS Accelerometer and Gyroscope Sales Channels
  - 8.4.2 MEMS Accelerometer and Gyroscope Distributors
- 8.5 MEMS Accelerometer and Gyroscope Customers

## **9 MEMS ACCELEROMETER AND GYROSCOPE MARKET DYNAMICS**

- 9.1 MEMS Accelerometer and Gyroscope Industry Trends
- 9.2 MEMS Accelerometer and Gyroscope Market Drivers
- 9.3 MEMS Accelerometer and Gyroscope Market Challenges
- 9.4 MEMS Accelerometer and Gyroscope Market Restraints

## **10 RESEARCH FINDING AND CONCLUSION**

## **11 METHODOLOGY AND DATA SOURCE**

- 11.1 Methodology/Research Approach
  - 11.1.1 Research Programs/Design
  - 11.1.2 Market Size Estimation
  - 11.1.3 Market Breakdown and Data Triangulation

## 11.2 Data Source

### 11.2.1 Secondary Sources

### 11.2.2 Primary Sources

## 11.3 Author List

## 11.4 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global MEMS Accelerometer and Gyroscope Market Value by Type, (US\$ Million) & (2022 VS 2029)

Table 2. Global MEMS Accelerometer and Gyroscope Market Value by Application, (US\$ Million) & (2022 VS 2029)

Table 3. Global MEMS Accelerometer and Gyroscope Production Capacity (K Units) by Manufacturers in 2022

Table 4. Global MEMS Accelerometer and Gyroscope Production by Manufacturers (2018-2023) & (K Units)

Table 5. Global MEMS Accelerometer and Gyroscope Production Market Share by Manufacturers (2018-2023)

Table 6. Global MEMS Accelerometer and Gyroscope Production Value by Manufacturers (2018-2023) & (US\$ Million)

Table 7. Global MEMS Accelerometer and Gyroscope Production Value Share by Manufacturers (2018-2023)

Table 8. Global MEMS Accelerometer and Gyroscope Industry Ranking 2021 VS 2022 VS 2023

Table 9. Company Type (Tier 1, Tier 2 and Tier 3) & (based on the Revenue in MEMS Accelerometer and Gyroscope as of 2022)

Table 10. Global Market MEMS Accelerometer and Gyroscope Average Price by Manufacturers (US\$/Unit) & (2018-2023)

Table 11. Manufacturers MEMS Accelerometer and Gyroscope Production Sites and Area Served

Table 12. Manufacturers MEMS Accelerometer and Gyroscope Product Types

Table 13. Global MEMS Accelerometer and Gyroscope Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion

Table 15. Global MEMS Accelerometer and Gyroscope Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global MEMS Accelerometer and Gyroscope Production Value (US\$ Million) by Region (2018-2023)

Table 17. Global MEMS Accelerometer and Gyroscope Production Value Market Share by Region (2018-2023)

Table 18. Global MEMS Accelerometer and Gyroscope Production Value (US\$ Million) Forecast by Region (2024-2029)

Table 19. Global MEMS Accelerometer and Gyroscope Production Value Market Share

Forecast by Region (2024-2029)

Table 20. Global MEMS Accelerometer and Gyroscope Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)

Table 21. Global MEMS Accelerometer and Gyroscope Production (K Units) by Region (2018-2023)

Table 22. Global MEMS Accelerometer and Gyroscope Production Market Share by Region (2018-2023)

Table 23. Global MEMS Accelerometer and Gyroscope Production (K Units) Forecast by Region (2024-2029)

Table 24. Global MEMS Accelerometer and Gyroscope Production Market Share Forecast by Region (2024-2029)

Table 25. Global MEMS Accelerometer and Gyroscope Market Average Price (US\$/Unit) by Region (2018-2023)

Table 26. Global MEMS Accelerometer and Gyroscope Market Average Price (US\$/Unit) by Region (2024-2029)

Table 27. Global MEMS Accelerometer and Gyroscope Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (K Units)

Table 28. Global MEMS Accelerometer and Gyroscope Consumption by Region (2018-2023) & (K Units)

Table 29. Global MEMS Accelerometer and Gyroscope Consumption Market Share by Region (2018-2023)

Table 30. Global MEMS Accelerometer and Gyroscope Forecasted Consumption by Region (2024-2029) & (K Units)

Table 31. Global MEMS Accelerometer and Gyroscope Forecasted Consumption Market Share by Region (2018-2023)

Table 32. North America MEMS Accelerometer and Gyroscope Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 33. North America MEMS Accelerometer and Gyroscope Consumption by Country (2018-2023) & (K Units)

Table 34. North America MEMS Accelerometer and Gyroscope Consumption by Country (2024-2029) & (K Units)

Table 35. Europe MEMS Accelerometer and Gyroscope Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 36. Europe MEMS Accelerometer and Gyroscope Consumption by Country (2018-2023) & (K Units)

Table 37. Europe MEMS Accelerometer and Gyroscope Consumption by Country (2024-2029) & (K Units)

Table 38. Asia Pacific MEMS Accelerometer and Gyroscope Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (K Units)

Table 39. Asia Pacific MEMS Accelerometer and Gyroscope Consumption by Region (2018-2023) & (K Units)

Table 40. Asia Pacific MEMS Accelerometer and Gyroscope Consumption by Region (2024-2029) & (K Units)

Table 41. Latin America, Middle East & Africa MEMS Accelerometer and Gyroscope Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (K Units)

Table 42. Latin America, Middle East & Africa MEMS Accelerometer and Gyroscope Consumption by Country (2018-2023) & (K Units)

Table 43. Latin America, Middle East & Africa MEMS Accelerometer and Gyroscope Consumption by Country (2024-2029) & (K Units)

Table 44. Global MEMS Accelerometer and Gyroscope Production (K Units) by Type (2018-2023)

Table 45. Global MEMS Accelerometer and Gyroscope Production (K Units) by Type (2024-2029)

Table 46. Global MEMS Accelerometer and Gyroscope Production Market Share by Type (2018-2023)

Table 47. Global MEMS Accelerometer and Gyroscope Production Market Share by Type (2024-2029)

Table 48. Global MEMS Accelerometer and Gyroscope Production Value (US\$ Million) by Type (2018-2023)

Table 49. Global MEMS Accelerometer and Gyroscope Production Value (US\$ Million) by Type (2024-2029)

Table 50. Global MEMS Accelerometer and Gyroscope Production Value Share by Type (2018-2023)

Table 51. Global MEMS Accelerometer and Gyroscope Production Value Share by Type (2024-2029)

Table 52. Global MEMS Accelerometer and Gyroscope Price (US\$/Unit) by Type (2018-2023)

Table 53. Global MEMS Accelerometer and Gyroscope Price (US\$/Unit) by Type (2024-2029)

Table 54. Global MEMS Accelerometer and Gyroscope Production (K Units) by Application (2018-2023)

Table 55. Global MEMS Accelerometer and Gyroscope Production (K Units) by Application (2024-2029)

Table 56. Global MEMS Accelerometer and Gyroscope Production Market Share by Application (2018-2023)

Table 57. Global MEMS Accelerometer and Gyroscope Production Market Share by Application (2024-2029)

Table 58. Global MEMS Accelerometer and Gyroscope Production Value (US\$ Million)



by Application (2018-2023)

Table 59. Global MEMS Accelerometer and Gyroscope Production Value (US\$ Million)

by Application (2024-2029)

Table 60. Global MEMS Accelerometer and Gyroscope Production Value Share by Application (2018-2023)

Table 61. Global MEMS Accelerometer and Gyroscope Production Value Share by Application (2024-2029)

Table 62. Global MEMS Accelerometer and Gyroscope Price (US\$/Unit) by Application (2018-2023)

Table 63. Global MEMS Accelerometer and Gyroscope Price (US\$/Unit) by Application (2024-2029)

Table 64. Analog Devices MEMS Accelerometer and Gyroscope Corporation Information

Table 65. Analog Devices Specification and Application

Table 66. Analog Devices MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 67. Analog Devices Main Business and Markets Served

Table 68. Analog Devices Recent Developments/Updates

Table 69. Bosch Sensortec MEMS Accelerometer and Gyroscope Corporation Information

Table 70. Bosch Sensortec Specification and Application

Table 71. Bosch Sensortec MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 72. Bosch Sensortec Main Business and Markets Served

Table 73. Bosch Sensortec Recent Developments/Updates

Table 74. Honeywell International MEMS Accelerometer and Gyroscope Corporation Information

Table 75. Honeywell International Specification and Application

Table 76. Honeywell International MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 77. Honeywell International Main Business and Markets Served

Table 78. Honeywell International Recent Developments/Updates

Table 79. Microchip Technology MEMS Accelerometer and Gyroscope Corporation Information

Table 80. Microchip Technology Specification and Application

Table 81. Microchip Technology MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 82. Microchip Technology Main Business and Markets Served

Table 83. Microchip Technology Recent Developments/Updates

Table 84. Murata Manufacturing MEMS Accelerometer and Gyroscope Corporation Information

Table 85. Murata Manufacturing Specification and Application

Table 86. Murata Manufacturing MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 87. Murata Manufacturing Main Business and Markets Served

Table 88. Murata Manufacturing Recent Developments/Updates

Table 89. NXP Semiconductors MEMS Accelerometer and Gyroscope Corporation Information

Table 90. NXP Semiconductors Specification and Application

Table 91. NXP Semiconductors MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 92. NXP Semiconductors Main Business and Markets Served

Table 93. NXP Semiconductors Recent Developments/Updates

Table 94. STMicroelectronics MEMS Accelerometer and Gyroscope Corporation Information

Table 95. STMicroelectronics Specification and Application

Table 96. STMicroelectronics MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 97. STMicroelectronics Main Business and Markets Served

Table 98. STMicroelectronics Recent Developments/Updates

Table 99. InvenSense MEMS Accelerometer and Gyroscope Corporation Information

Table 100. InvenSense Specification and Application

Table 101. InvenSense MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 102. InvenSense Main Business and Markets Served

Table 103. InvenSense Recent Developments/Updates

Table 104. KIONIX MEMS Accelerometer and Gyroscope Corporation Information

Table 105. KIONIX Specification and Application

Table 106. KIONIX MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 107. KIONIX Main Business and Markets Served

Table 108. KIONIX Recent Developments/Updates

Table 109. Northrop Grumman Litef MEMS Accelerometer and Gyroscope Corporation Information

Table 110. Northrop Grumman Litef Specification and Application

Table 111. Northrop Grumman Litef MEMS Accelerometer and Gyroscope Production (K Units), Value (US\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 112. Northrop Grumman Litef Main Business and Markets Served

Table 113. Northrop Grumman Litef Recent Developments/Updates

Table 114. Key Raw Materials Lists

Table 115. Raw Materials Key Suppliers Lists

Table 116. MEMS Accelerometer and Gyroscope Distributors List

Table 117. MEMS Accelerometer and Gyroscope Customers List

Table 118. MEMS Accelerometer and Gyroscope Market Trends

Table 119. MEMS Accelerometer and Gyroscope Market Drivers

Table 120. MEMS Accelerometer and Gyroscope Market Challenges

Table 121. MEMS Accelerometer and Gyroscope Market Restraints

Table 122. Research Programs/Design for This Report

Table 123. Key Data Information from Secondary Sources

Table 124. Key Data Information from Primary Sources

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of MEMS Accelerometer and Gyroscope
- Figure 2. Global MEMS Accelerometer and Gyroscope Market Value by Type, (US\$ Million) & (2022 VS 2029)
- Figure 3. Global MEMS Accelerometer and Gyroscope Market Share by Type: 2022 VS 2029
- Figure 4. 1-Axis Product Picture
- Figure 5. 2-Axis Product Picture
- Figure 6. 3-Axis Product Picture
- Figure 7. Global MEMS Accelerometer and Gyroscope Market Value by Application, (US\$ Million) & (2022 VS 2029)
- Figure 8. Global MEMS Accelerometer and Gyroscope Market Share by Application: 2022 VS 2029
- Figure 9. Consumer Electronics
- Figure 10. Automotive
- Figure 11. Aerospace and Defense
- Figure 12. Other
- Figure 13. Global MEMS Accelerometer and Gyroscope Production Value (US\$ Million), 2018 VS 2022 VS 2029
- Figure 14. Global MEMS Accelerometer and Gyroscope Production Value (US\$ Million) & (2018-2029)
- Figure 15. Global MEMS Accelerometer and Gyroscope Production (K Units) & (2018-2029)
- Figure 16. Global MEMS Accelerometer and Gyroscope Average Price (US\$/Unit) & (2018-2029)
- Figure 17. MEMS Accelerometer and Gyroscope Report Years Considered
- Figure 18. MEMS Accelerometer and Gyroscope Production Share by Manufacturers in 2022
- Figure 19. MEMS Accelerometer and Gyroscope Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022
- Figure 20. The Global 5 and 10 Largest Players: Market Share by MEMS Accelerometer and Gyroscope Revenue in 2022
- Figure 21. Global MEMS Accelerometer and Gyroscope Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Figure 22. Global MEMS Accelerometer and Gyroscope Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 23. Global MEMS Accelerometer and Gyroscope Production Comparison by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 24. Global MEMS Accelerometer and Gyroscope Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 25. North America MEMS Accelerometer and Gyroscope Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 26. Europe MEMS Accelerometer and Gyroscope Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 27. China MEMS Accelerometer and Gyroscope Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. Japan MEMS Accelerometer and Gyroscope Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. Global MEMS Accelerometer and Gyroscope Consumption by Region: 2018 VS 2022 VS 2029 (K Units)

Figure 30. Global MEMS Accelerometer and Gyroscope Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 31. North America MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 32. North America MEMS Accelerometer and Gyroscope Consumption Market Share by Country (2018-2029)

Figure 33. Canada MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 34. U.S. MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 35. Europe MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 36. Europe MEMS Accelerometer and Gyroscope Consumption Market Share by Country (2018-2029)

Figure 37. Germany MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 38. France MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 39. U.K. MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 40. Italy MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 41. Russia MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 42. Asia Pacific MEMS Accelerometer and Gyroscope Consumption and Growth

Rate (2018-2023) & (K Units)

Figure 43. Asia Pacific MEMS Accelerometer and Gyroscope Consumption Market Share by Regions (2018-2029)

Figure 44. China MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 45. Japan MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 46. South Korea MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 47. China Taiwan MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 48. Southeast Asia MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 49. India MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 50. Latin America, Middle East & Africa MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 51. Latin America, Middle East & Africa MEMS Accelerometer and Gyroscope Consumption Market Share by Country (2018-2029)

Figure 52. Mexico MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 53. Brazil MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 54. Turkey MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 55. GCC Countries MEMS Accelerometer and Gyroscope Consumption and Growth Rate (2018-2023) & (K Units)

Figure 56. Global Production Market Share of MEMS Accelerometer and Gyroscope by Type (2018-2029)

Figure 57. Global Production Value Market Share of MEMS Accelerometer and Gyroscope by Type (2018-2029)

Figure 58. Global MEMS Accelerometer and Gyroscope Price (US\$/Unit) by Type (2018-2029)

Figure 59. Global Production Market Share of MEMS Accelerometer and Gyroscope by Application (2018-2029)

Figure 60. Global Production Value Market Share of MEMS Accelerometer and Gyroscope by Application (2018-2029)

Figure 61. Global MEMS Accelerometer and Gyroscope Price (US\$/Unit) by Application (2018-2029)

Figure 62. MEMS Accelerometer and Gyroscope Value Chain

Figure 63. MEMS Accelerometer and Gyroscope Production Process

Figure 64. Channels of Distribution (Direct Vs Distribution)

Figure 65. Distributors Profiles

Figure 66. Bottom-up and Top-down Approaches for This Report

Figure 67. Data Triangulation

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