

# Global Bulk Acoustic Wave Sensors Market Growth 2024-2030

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# **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global Bulk Acoustic Wave Sensors market size was valued at US\$ 1172.6 million in 2023. With growing demand in downstream market, the Bulk Acoustic Wave Sensors is forecast to a readjusted size of US\$ 2234.4 million by 2030 with a CAGR of 9.6% during review period.

The research report highlights the growth potential of the global Bulk Acoustic Wave Sensors market. Bulk Acoustic Wave Sensors are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Bulk Acoustic Wave Sensors. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Bulk Acoustic Wave Sensors market.

A Bulk Acoustic Wave Sensors is an electromechanical device in which a standing acoustic wave is generated by an electrical signal in the bulk of a piezoelectric material. In the simplest configuration, a device will consist of a piezoelectric material sandwiched between two metallic electrodes. The natural frequency of the material and the thickness are used as design parameters to obtain a desired operating frequency. More complex designs will employ a ladder or lattice topology for better control over operating frequencies.

The major players in global Bulk Acoustic Wave Sensors market include Broadcom, Qorvo, etc. The top 2 players occupy over 80% shares of the global market. North America is the main markets, and occupies over 70% of the global market. FBAR-SMR



is the main type, with a share about 80%. Telecommunications and Consumer Electronics are two key applications, which hold a share over 60% altogether.

Key Features:

The report on Bulk Acoustic Wave Sensors market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Bulk Acoustic Wave Sensors market. It may include historical data, market segmentation by Type (e.g., QCM-TSM, FBAR-SMR), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Bulk Acoustic Wave Sensors market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Bulk Acoustic Wave Sensors market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Bulk Acoustic Wave Sensors industry. This include advancements in Bulk Acoustic Wave Sensors technology, Bulk Acoustic Wave Sensors new entrants, Bulk Acoustic Wave Sensors new investment, and other innovations that are shaping the future of Bulk Acoustic Wave Sensors.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Bulk Acoustic Wave Sensors market. It includes factors influencing customer ' purchasing decisions, preferences for Bulk Acoustic Wave Sensors product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Bulk Acoustic Wave Sensors market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Bulk Acoustic Wave Sensors market. The report also evaluates the effectiveness of these policies in driving market growth.



Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Bulk Acoustic Wave Sensors market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Bulk Acoustic Wave Sensors industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Bulk Acoustic Wave Sensors market.

Market Segmentation:

Bulk Acoustic Wave Sensors market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

QCM-TSM

FBAR-SMR

Segmentation by application

Aerospace and Military

Telecommunications

**Consumer Electronics** 

Industrial

Others



This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

#### India

Australia

#### Europe

Germany

#### France

UK

Italy

Russia

Middle East & Africa



Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Broadcom
Qorvo
RF360
TAIYO YUDEN
Teledyne
API Technologies
Vectron
Qualtre

Key Questions Addressed in this Report

What is the 10-year outlook for the global Bulk Acoustic Wave Sensors market?

What factors are driving Bulk Acoustic Wave Sensors market growth, globally and by region?



Which technologies are poised for the fastest growth by market and region?

How do Bulk Acoustic Wave Sensors market opportunities vary by end market size?

How does Bulk Acoustic Wave Sensors break out type, application?



# Contents

#### **1 SCOPE OF THE REPORT**

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

#### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global Bulk Acoustic Wave Sensors Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Bulk Acoustic Wave Sensors by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Bulk Acoustic Wave Sensors by
- Country/Region, 2019, 2023 & 2030
- 2.2 Bulk Acoustic Wave Sensors Segment by Type
- 2.2.1 QCM-TSM
- 2.2.2 FBAR-SMR
- 2.3 Bulk Acoustic Wave Sensors Sales by Type
- 2.3.1 Global Bulk Acoustic Wave Sensors Sales Market Share by Type (2019-2024)
- 2.3.2 Global Bulk Acoustic Wave Sensors Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Bulk Acoustic Wave Sensors Sale Price by Type (2019-2024)
- 2.4 Bulk Acoustic Wave Sensors Segment by Application
  - 2.4.1 Aerospace and Military
  - 2.4.2 Telecommunications
  - 2.4.3 Consumer Electronics
  - 2.4.4 Industrial
  - 2.4.5 Others

2.5 Bulk Acoustic Wave Sensors Sales by Application

- 2.5.1 Global Bulk Acoustic Wave Sensors Sale Market Share by Application (2019-2024)
- 2.5.2 Global Bulk Acoustic Wave Sensors Revenue and Market Share by Application.



(2019-2024)

2.5.3 Global Bulk Acoustic Wave Sensors Sale Price by Application (2019-2024)

#### **3 GLOBAL BULK ACOUSTIC WAVE SENSORS BY COMPANY**

- 3.1 Global Bulk Acoustic Wave Sensors Breakdown Data by Company
- 3.1.1 Global Bulk Acoustic Wave Sensors Annual Sales by Company (2019-2024)

3.1.2 Global Bulk Acoustic Wave Sensors Sales Market Share by Company (2019-2024)

- 3.2 Global Bulk Acoustic Wave Sensors Annual Revenue by Company (2019-2024)
- 3.2.1 Global Bulk Acoustic Wave Sensors Revenue by Company (2019-2024)

3.2.2 Global Bulk Acoustic Wave Sensors Revenue Market Share by Company (2019-2024)

3.3 Global Bulk Acoustic Wave Sensors Sale Price by Company

3.4 Key Manufacturers Bulk Acoustic Wave Sensors Producing Area Distribution, Sales Area, Product Type

- 3.4.1 Key Manufacturers Bulk Acoustic Wave Sensors Product Location Distribution
- 3.4.2 Players Bulk Acoustic Wave Sensors Products Offered
- 3.5 Market Concentration Rate Analysis
- 3.5.1 Competition Landscape Analysis
- 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

#### 4 WORLD HISTORIC REVIEW FOR BULK ACOUSTIC WAVE SENSORS BY GEOGRAPHIC REGION

4.1 World Historic Bulk Acoustic Wave Sensors Market Size by Geographic Region (2019-2024)

4.1.1 Global Bulk Acoustic Wave Sensors Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Bulk Acoustic Wave Sensors Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Bulk Acoustic Wave Sensors Market Size by Country/Region (2019-2024)

4.2.1 Global Bulk Acoustic Wave Sensors Annual Sales by Country/Region (2019-2024)

4.2.2 Global Bulk Acoustic Wave Sensors Annual Revenue by Country/Region (2019-2024)



- 4.3 Americas Bulk Acoustic Wave Sensors Sales Growth
- 4.4 APAC Bulk Acoustic Wave Sensors Sales Growth
- 4.5 Europe Bulk Acoustic Wave Sensors Sales Growth
- 4.6 Middle East & Africa Bulk Acoustic Wave Sensors Sales Growth

#### **5 AMERICAS**

- 5.1 Americas Bulk Acoustic Wave Sensors Sales by Country
- 5.1.1 Americas Bulk Acoustic Wave Sensors Sales by Country (2019-2024)
- 5.1.2 Americas Bulk Acoustic Wave Sensors Revenue by Country (2019-2024)
- 5.2 Americas Bulk Acoustic Wave Sensors Sales by Type
- 5.3 Americas Bulk Acoustic Wave Sensors Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

#### 6 APAC

- 6.1 APAC Bulk Acoustic Wave Sensors Sales by Region
- 6.1.1 APAC Bulk Acoustic Wave Sensors Sales by Region (2019-2024)
- 6.1.2 APAC Bulk Acoustic Wave Sensors Revenue by Region (2019-2024)
- 6.2 APAC Bulk Acoustic Wave Sensors Sales by Type
- 6.3 APAC Bulk Acoustic Wave Sensors Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

#### 7 EUROPE

- 7.1 Europe Bulk Acoustic Wave Sensors by Country
- 7.1.1 Europe Bulk Acoustic Wave Sensors Sales by Country (2019-2024)
- 7.1.2 Europe Bulk Acoustic Wave Sensors Revenue by Country (2019-2024)
- 7.2 Europe Bulk Acoustic Wave Sensors Sales by Type
- 7.3 Europe Bulk Acoustic Wave Sensors Sales by Application



- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

#### 8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Bulk Acoustic Wave Sensors by Country8.1.1 Middle East & Africa Bulk Acoustic Wave Sensors Sales by Country (2019-2024)
- 8.1.2 Middle East & Africa Bulk Acoustic Wave Sensors Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Bulk Acoustic Wave Sensors Sales by Type
- 8.3 Middle East & Africa Bulk Acoustic Wave Sensors Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

#### 9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

#### **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Bulk Acoustic Wave Sensors
- 10.3 Manufacturing Process Analysis of Bulk Acoustic Wave Sensors
- 10.4 Industry Chain Structure of Bulk Acoustic Wave Sensors

#### 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Bulk Acoustic Wave Sensors Distributors



#### 11.3 Bulk Acoustic Wave Sensors Customer

# 12 WORLD FORECAST REVIEW FOR BULK ACOUSTIC WAVE SENSORS BY GEOGRAPHIC REGION

12.1 Global Bulk Acoustic Wave Sensors Market Size Forecast by Region

12.1.1 Global Bulk Acoustic Wave Sensors Forecast by Region (2025-2030)

12.1.2 Global Bulk Acoustic Wave Sensors Annual Revenue Forecast by Region (2025-2030)

- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Bulk Acoustic Wave Sensors Forecast by Type
- 12.7 Global Bulk Acoustic Wave Sensors Forecast by Application

#### **13 KEY PLAYERS ANALYSIS**

13.1 Broadcom

- 13.1.1 Broadcom Company Information
- 13.1.2 Broadcom Bulk Acoustic Wave Sensors Product Portfolios and Specifications
- 13.1.3 Broadcom Bulk Acoustic Wave Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.1.4 Broadcom Main Business Overview
  - 13.1.5 Broadcom Latest Developments

13.2 Qorvo

- 13.2.1 Qorvo Company Information
- 13.2.2 Qorvo Bulk Acoustic Wave Sensors Product Portfolios and Specifications

13.2.3 Qorvo Bulk Acoustic Wave Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.2.4 Qorvo Main Business Overview
- 13.2.5 Qorvo Latest Developments
- 13.3 RF360
- 13.3.1 RF360 Company Information
- 13.3.2 RF360 Bulk Acoustic Wave Sensors Product Portfolios and Specifications
- 13.3.3 RF360 Bulk Acoustic Wave Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.3.4 RF360 Main Business Overview
- 13.3.5 RF360 Latest Developments



13.4 TAIYO YUDEN

13.4.1 TAIYO YUDEN Company Information

13.4.2 TAIYO YUDEN Bulk Acoustic Wave Sensors Product Portfolios and

Specifications

13.4.3 TAIYO YUDEN Bulk Acoustic Wave Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 TAIYO YUDEN Main Business Overview

13.4.5 TAIYO YUDEN Latest Developments

13.5 Teledyne

13.5.1 Teledyne Company Information

13.5.2 Teledyne Bulk Acoustic Wave Sensors Product Portfolios and Specifications

13.5.3 Teledyne Bulk Acoustic Wave Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Teledyne Main Business Overview

13.5.5 Teledyne Latest Developments

13.6 API Technologies

13.6.1 API Technologies Company Information

13.6.2 API Technologies Bulk Acoustic Wave Sensors Product Portfolios and Specifications

13.6.3 API Technologies Bulk Acoustic Wave Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 API Technologies Main Business Overview

13.6.5 API Technologies Latest Developments

13.7 Vectron

13.7.1 Vectron Company Information

13.7.2 Vectron Bulk Acoustic Wave Sensors Product Portfolios and Specifications

13.7.3 Vectron Bulk Acoustic Wave Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Vectron Main Business Overview

13.7.5 Vectron Latest Developments

13.8 Qualtre

13.8.1 Qualtre Company Information

13.8.2 Qualtre Bulk Acoustic Wave Sensors Product Portfolios and Specifications

13.8.3 Qualtre Bulk Acoustic Wave Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Qualtre Main Business Overview

13.8.5 Qualtre Latest Developments

#### 14 RESEARCH FINDINGS AND CONCLUSION





# **List Of Tables**

#### LIST OF TABLES

Table 1. Bulk Acoustic Wave Sensors Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions) Table 2. Bulk Acoustic Wave Sensors Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions) Table 3. Major Players of QCM-TSM Table 4. Major Players of FBAR-SMR Table 5. Global Bulk Acoustic Wave Sensors Sales by Type (2019-2024) & (K Units) Table 6. Global Bulk Acoustic Wave Sensors Sales Market Share by Type (2019-2024) Table 7. Global Bulk Acoustic Wave Sensors Revenue by Type (2019-2024) & (\$ million) Table 8. Global Bulk Acoustic Wave Sensors Revenue Market Share by Type (2019-2024)Table 9. Global Bulk Acoustic Wave Sensors Sale Price by Type (2019-2024) & (USD/Unit) Table 10. Global Bulk Acoustic Wave Sensors Sales by Application (2019-2024) & (K Units) Table 11. Global Bulk Acoustic Wave Sensors Sales Market Share by Application (2019-2024)Table 12. Global Bulk Acoustic Wave Sensors Revenue by Application (2019-2024) Table 13. Global Bulk Acoustic Wave Sensors Revenue Market Share by Application (2019-2024)Table 14. Global Bulk Acoustic Wave Sensors Sale Price by Application (2019-2024) & (USD/Unit) Table 15. Global Bulk Acoustic Wave Sensors Sales by Company (2019-2024) & (K Units) Table 16. Global Bulk Acoustic Wave Sensors Sales Market Share by Company (2019-2024)Table 17. Global Bulk Acoustic Wave Sensors Revenue by Company (2019-2024) (\$ Millions) Table 18. Global Bulk Acoustic Wave Sensors Revenue Market Share by Company (2019-2024)Table 19. Global Bulk Acoustic Wave Sensors Sale Price by Company (2019-2024) & (USD/Unit) Table 20. Key Manufacturers Bulk Acoustic Wave Sensors Producing Area Distribution and Sales Area



 Table 21. Players Bulk Acoustic Wave Sensors Products Offered

Table 22. Bulk Acoustic Wave Sensors Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Bulk Acoustic Wave Sensors Sales by Geographic Region

(2019-2024) & (K Units)

Table 26. Global Bulk Acoustic Wave Sensors Sales Market Share Geographic Region (2019-2024)

Table 27. Global Bulk Acoustic Wave Sensors Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Bulk Acoustic Wave Sensors Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Bulk Acoustic Wave Sensors Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Bulk Acoustic Wave Sensors Sales Market Share by Country/Region (2019-2024)

Table 31. Global Bulk Acoustic Wave Sensors Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Bulk Acoustic Wave Sensors Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Bulk Acoustic Wave Sensors Sales by Country (2019-2024) & (K Units)

Table 34. Americas Bulk Acoustic Wave Sensors Sales Market Share by Country (2019-2024)

Table 35. Americas Bulk Acoustic Wave Sensors Revenue by Country (2019-2024) & (\$ Millions)

Table 36. Americas Bulk Acoustic Wave Sensors Revenue Market Share by Country (2019-2024)

Table 37. Americas Bulk Acoustic Wave Sensors Sales by Type (2019-2024) & (K Units)

Table 38. Americas Bulk Acoustic Wave Sensors Sales by Application (2019-2024) & (K Units)

Table 39. APAC Bulk Acoustic Wave Sensors Sales by Region (2019-2024) & (K Units)

Table 40. APAC Bulk Acoustic Wave Sensors Sales Market Share by Region (2019-2024)

Table 41. APAC Bulk Acoustic Wave Sensors Revenue by Region (2019-2024) & (\$ Millions)

Table 42. APAC Bulk Acoustic Wave Sensors Revenue Market Share by Region



(2019-2024)

Table 43. APAC Bulk Acoustic Wave Sensors Sales by Type (2019-2024) & (K Units) Table 44. APAC Bulk Acoustic Wave Sensors Sales by Application (2019-2024) & (K Units)

Table 45. Europe Bulk Acoustic Wave Sensors Sales by Country (2019-2024) & (K Units)

Table 46. Europe Bulk Acoustic Wave Sensors Sales Market Share by Country (2019-2024)

Table 47. Europe Bulk Acoustic Wave Sensors Revenue by Country (2019-2024) & (\$ Millions)

Table 48. Europe Bulk Acoustic Wave Sensors Revenue Market Share by Country (2019-2024)

Table 49. Europe Bulk Acoustic Wave Sensors Sales by Type (2019-2024) & (K Units) Table 50. Europe Bulk Acoustic Wave Sensors Sales by Application (2019-2024) & (K Units)

Table 51. Middle East & Africa Bulk Acoustic Wave Sensors Sales by Country (2019-2024) & (K Units)

Table 52. Middle East & Africa Bulk Acoustic Wave Sensors Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa Bulk Acoustic Wave Sensors Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa Bulk Acoustic Wave Sensors Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa Bulk Acoustic Wave Sensors Sales by Type (2019-2024) & (K Units)

Table 56. Middle East & Africa Bulk Acoustic Wave Sensors Sales by Application (2019-2024) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Bulk Acoustic Wave Sensors

Table 58. Key Market Challenges & Risks of Bulk Acoustic Wave Sensors

Table 59. Key Industry Trends of Bulk Acoustic Wave Sensors

Table 60. Bulk Acoustic Wave Sensors Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. Bulk Acoustic Wave Sensors Distributors List

Table 63. Bulk Acoustic Wave Sensors Customer List

Table 64. Global Bulk Acoustic Wave Sensors Sales Forecast by Region (2025-2030) & (K Units)

Table 65. Global Bulk Acoustic Wave Sensors Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 66. Americas Bulk Acoustic Wave Sensors Sales Forecast by Country



(2025-2030) & (K Units)

Table 67. Americas Bulk Acoustic Wave Sensors Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. APAC Bulk Acoustic Wave Sensors Sales Forecast by Region (2025-2030) & (K Units)

Table 69. APAC Bulk Acoustic Wave Sensors Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 70. Europe Bulk Acoustic Wave Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 71. Europe Bulk Acoustic Wave Sensors Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 72. Middle East & Africa Bulk Acoustic Wave Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 73. Middle East & Africa Bulk Acoustic Wave Sensors Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 74. Global Bulk Acoustic Wave Sensors Sales Forecast by Type (2025-2030) & (K Units)

Table 75. Global Bulk Acoustic Wave Sensors Revenue Forecast by Type (2025-2030)& (\$ Millions)

Table 76. Global Bulk Acoustic Wave Sensors Sales Forecast by Application (2025-2030) & (K Units)

Table 77. Global Bulk Acoustic Wave Sensors Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 78. Broadcom Basic Information, Bulk Acoustic Wave Sensors ManufacturingBase, Sales Area and Its Competitors

Table 79. Broadcom Bulk Acoustic Wave Sensors Product Portfolios and Specifications

Table 80. Broadcom Bulk Acoustic Wave Sensors Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2019-2024)

Table 81. Broadcom Main Business

Table 82. Broadcom Latest Developments

Table 83. Qorvo Basic Information, Bulk Acoustic Wave Sensors Manufacturing Base, Sales Area and Its Competitors

Table 84. Qorvo Bulk Acoustic Wave Sensors Product Portfolios and Specifications

Table 85. Qorvo Bulk Acoustic Wave Sensors Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2019-2024)

Table 86. Qorvo Main Business

Table 87. Qorvo Latest Developments

Table 88. RF360 Basic Information, Bulk Acoustic Wave Sensors Manufacturing Base, Sales Area and Its Competitors



Table 89. RF360 Bulk Acoustic Wave Sensors Product Portfolios and Specifications

Table 90. RF360 Bulk Acoustic Wave Sensors Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2019-2024)

Table 91. RF360 Main Business

Table 92. RF360 Latest Developments

Table 93. TAIYO YUDEN Basic Information, Bulk Acoustic Wave Sensors

Manufacturing Base, Sales Area and Its Competitors

Table 94. TAIYO YUDEN Bulk Acoustic Wave Sensors Product Portfolios and Specifications

Table 95. TAIYO YUDEN Bulk Acoustic Wave Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 96. TAIYO YUDEN Main Business

Table 97. TAIYO YUDEN Latest Developments

Table 98. Teledyne Basic Information, Bulk Acoustic Wave Sensors Manufacturing Base, Sales Area and Its Competitors

 Table 99. Teledyne Bulk Acoustic Wave Sensors Product Portfolios and Specifications

Table 100. Teledyne Bulk Acoustic Wave Sensors Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2019-2024)

Table 101. Teledyne Main Business

Table 102. Teledyne Latest Developments

Table 103. API Technologies Basic Information, Bulk Acoustic Wave Sensors

Manufacturing Base, Sales Area and Its Competitors

Table 104. API Technologies Bulk Acoustic Wave Sensors Product Portfolios and Specifications

Table 105. API Technologies Bulk Acoustic Wave Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 106. API Technologies Main Business

Table 107. API Technologies Latest Developments

Table 108. Vectron Basic Information, Bulk Acoustic Wave Sensors Manufacturing

Base, Sales Area and Its Competitors

Table 109. Vectron Bulk Acoustic Wave Sensors Product Portfolios and Specifications

Table 110. Vectron Bulk Acoustic Wave Sensors Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2019-2024)

Table 111. Vectron Main Business

Table 112. Vectron Latest Developments

Table 113. Qualtre Basic Information, Bulk Acoustic Wave Sensors Manufacturing

Base, Sales Area and Its Competitors

Table 114. Qualtre Bulk Acoustic Wave Sensors Product Portfolios and Specifications Table 115. Qualtre Bulk Acoustic Wave Sensors Sales (K Units), Revenue (\$ Million),



Price (USD/Unit) and Gross Margin (2019-2024) Table 116. Qualtre Main Business Table 117. Qualtre Latest Developments



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Picture of Bulk Acoustic Wave Sensors
- Figure 2. Bulk Acoustic Wave Sensors Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Bulk Acoustic Wave Sensors Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Bulk Acoustic Wave Sensors Revenue Growth Rate 2019-2030 (\$ Millions)

Figure 8. Bulk Acoustic Wave Sensors Sales by Region (2019, 2023 & 2030) & (\$ Millions)

- Figure 9. Product Picture of QCM-TSM
- Figure 10. Product Picture of FBAR-SMR
- Figure 11. Global Bulk Acoustic Wave Sensors Sales Market Share by Type in 2023

Figure 12. Global Bulk Acoustic Wave Sensors Revenue Market Share by Type (2019-2024)

- Figure 13. Bulk Acoustic Wave Sensors Consumed in Aerospace and Military
- Figure 14. Global Bulk Acoustic Wave Sensors Market: Aerospace and Military (2019-2024) & (K Units)
- Figure 15. Bulk Acoustic Wave Sensors Consumed in Telecommunications

Figure 16. Global Bulk Acoustic Wave Sensors Market: Telecommunications (2019-2024) & (K Units)

Figure 17. Bulk Acoustic Wave Sensors Consumed in Consumer Electronics

Figure 18. Global Bulk Acoustic Wave Sensors Market: Consumer Electronics (2019-2024) & (K Units)

Figure 19. Bulk Acoustic Wave Sensors Consumed in Industrial

Figure 20. Global Bulk Acoustic Wave Sensors Market: Industrial (2019-2024) & (K Units)

- Figure 21. Bulk Acoustic Wave Sensors Consumed in Others
- Figure 22. Global Bulk Acoustic Wave Sensors Market: Others (2019-2024) & (K Units)

Figure 23. Global Bulk Acoustic Wave Sensors Sales Market Share by Application (2023)

Figure 24. Global Bulk Acoustic Wave Sensors Revenue Market Share by Application in 2023

Figure 25. Bulk Acoustic Wave Sensors Sales Market by Company in 2023 (K Units) Figure 26. Global Bulk Acoustic Wave Sensors Sales Market Share by Company in



2023

Figure 27. Bulk Acoustic Wave Sensors Revenue Market by Company in 2023 (\$ Million)

Figure 28. Global Bulk Acoustic Wave Sensors Revenue Market Share by Company in 2023

Figure 29. Global Bulk Acoustic Wave Sensors Sales Market Share by Geographic Region (2019-2024)

Figure 30. Global Bulk Acoustic Wave Sensors Revenue Market Share by Geographic Region in 2023

Figure 31. Americas Bulk Acoustic Wave Sensors Sales 2019-2024 (K Units)

Figure 32. Americas Bulk Acoustic Wave Sensors Revenue 2019-2024 (\$ Millions)

Figure 33. APAC Bulk Acoustic Wave Sensors Sales 2019-2024 (K Units)

Figure 34. APAC Bulk Acoustic Wave Sensors Revenue 2019-2024 (\$ Millions)

Figure 35. Europe Bulk Acoustic Wave Sensors Sales 2019-2024 (K Units)

Figure 36. Europe Bulk Acoustic Wave Sensors Revenue 2019-2024 (\$ Millions)

Figure 37. Middle East & Africa Bulk Acoustic Wave Sensors Sales 2019-2024 (K Units)

Figure 38. Middle East & Africa Bulk Acoustic Wave Sensors Revenue 2019-2024 (\$ Millions)

Figure 39. Americas Bulk Acoustic Wave Sensors Sales Market Share by Country in 2023

Figure 40. Americas Bulk Acoustic Wave Sensors Revenue Market Share by Country in 2023

Figure 41. Americas Bulk Acoustic Wave Sensors Sales Market Share by Type (2019-2024)

Figure 42. Americas Bulk Acoustic Wave Sensors Sales Market Share by Application (2019-2024)

Figure 43. United States Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 44. Canada Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 45. Mexico Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Brazil Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 47. APAC Bulk Acoustic Wave Sensors Sales Market Share by Region in 2023

Figure 48. APAC Bulk Acoustic Wave Sensors Revenue Market Share by Regions in 2023

Figure 49. APAC Bulk Acoustic Wave Sensors Sales Market Share by Type (2019-2024)

Figure 50. APAC Bulk Acoustic Wave Sensors Sales Market Share by Application (2019-2024)



Figure 51. China Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 52. Japan Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 53. South Korea Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 54. Southeast Asia Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 55. India Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 56. Australia Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 57. China Taiwan Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 58. Europe Bulk Acoustic Wave Sensors Sales Market Share by Country in 2023 Figure 59. Europe Bulk Acoustic Wave Sensors Revenue Market Share by Country in 2023 Figure 60. Europe Bulk Acoustic Wave Sensors Sales Market Share by Type (2019-2024)Figure 61. Europe Bulk Acoustic Wave Sensors Sales Market Share by Application (2019-2024)Figure 62. Germany Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 63. France Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 64. UK Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 65. Italy Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 66. Russia Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 67. Middle East & Africa Bulk Acoustic Wave Sensors Sales Market Share by Country in 2023 Figure 68. Middle East & Africa Bulk Acoustic Wave Sensors Revenue Market Share by Country in 2023 Figure 69. Middle East & Africa Bulk Acoustic Wave Sensors Sales Market Share by Type (2019-2024) Figure 70. Middle East & Africa Bulk Acoustic Wave Sensors Sales Market Share by Application (2019-2024) Figure 71. Egypt Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 72. South Africa Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 73. Israel Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 74. Turkey Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions) Figure 75. GCC Country Bulk Acoustic Wave Sensors Revenue Growth 2019-2024 (\$ Millions)



Figure 76. Manufacturing Cost Structure Analysis of Bulk Acoustic Wave Sensors in 2023

Figure 77. Manufacturing Process Analysis of Bulk Acoustic Wave Sensors

Figure 78. Industry Chain Structure of Bulk Acoustic Wave Sensors

Figure 79. Channels of Distribution

Figure 80. Global Bulk Acoustic Wave Sensors Sales Market Forecast by Region (2025-2030)

Figure 81. Global Bulk Acoustic Wave Sensors Revenue Market Share Forecast by Region (2025-2030)

Figure 82. Global Bulk Acoustic Wave Sensors Sales Market Share Forecast by Type (2025-2030)

Figure 83. Global Bulk Acoustic Wave Sensors Revenue Market Share Forecast by Type (2025-2030)

Figure 84. Global Bulk Acoustic Wave Sensors Sales Market Share Forecast by Application (2025-2030)

Figure 85. Global Bulk Acoustic Wave Sensors Revenue Market Share Forecast by Application (2025-2030)



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