

Global Automotive Grade IMU Market Growth 2024-2030

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Abstracts

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Automotive-grade IMU refers to an inertial measurement unit (Inertial Measurement Unit) certified by automotive industry standards. It is a device that measures and meters the direction, speed and acceleration of a vehicle's motion, providing accurate data by utilizing gyroscopes and accelerometers. Automotive-grade IMUs are widely used in the automotive field to implement various functions, such as vehicle stability control systems, vehicle positioning and navigation systems, and advanced driver assistance systems (ADAS). Rigorous testing and certification ensure its stability and reliability in various road conditions and environments.

The global Automotive Grade IMU market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Automotive Grade IMU Industry Forecast" looks at past sales and reviews total world Automotive Grade IMU sales in 2023, providing a comprehensive analysis by region and market sector of projected Automotive Grade IMU sales for 2024 through 2030. With Automotive Grade IMU sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive Grade IMU industry.

This Insight Report provides a comprehensive analysis of the global Automotive Grade IMU landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Automotive Grade IMU portfolios and capabilities, market entry strategies, market positions, and

geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Grade IMU market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Grade IMU and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Automotive Grade IMU.

United States market for Automotive Grade IMU is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Automotive Grade IMU is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Automotive Grade IMU is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Automotive Grade IMU players cover Honeywell, Bosch Sensortec, STMicroelectronics, Panasonic, Thales Group, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Grade IMU market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single Axis IMU

Three-Axis IMU

Segmentation by Application:

Commercial Vehicles

Passenger Vehicles

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 analysing the company's coverage, product portfolio, its market penetration.

Honeywell

Bosch Sensortec

STMicroelectronics

Panasonic

Thales Group

Analog Devices

Murata Manufacturing

TDK

Silicon Sensing Systems

MEMSIC

VectorNav Technologies

Memsense

Sensoror

ACEINNA

Chongqing Tianjian Transducer

Adrax

Ascension Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Grade IMU market?

What factors are driving Automotive Grade IMU market growth, globally and by region?

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

How do Automotive Grade IMU market opportunities vary by end market size?

How does Automotive Grade IMU break out by Type, by 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 Automotive Grade IMU Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Automotive Grade IMU by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Automotive Grade IMU by Country/Region, 2019, 2023 & 2030

2.2 Automotive Grade IMU Segment by Type

- 2.2.1 Single Axis IMU
- 2.2.2 Three-Axis IMU

2.3 Automotive Grade IMU Sales by Type

- 2.3.1 Global Automotive Grade IMU Sales Market Share by Type (2019-2024)
- 2.3.2 Global Automotive Grade IMU Revenue and Market Share by Type (2019-2024)
- 2.3.3 Global Automotive Grade IMU Sale Price by Type (2019-2024)

2.4 Automotive Grade IMU Segment by Application

- 2.4.1 Commercial Vehicles
- 2.4.2 Passenger Vehicles

2.5 Automotive Grade IMU Sales by Application

- 2.5.1 Global Automotive Grade IMU Sale Market Share by Application (2019-2024)
- 2.5.2 Global Automotive Grade IMU Revenue and Market Share by Application (2019-2024)
- 2.5.3 Global Automotive Grade IMU Sale Price by Application (2019-2024)

3 GLOBAL BY COMPANY

- 3.1 Global Automotive Grade IMU Breakdown Data by Company
 - 3.1.1 Global Automotive Grade IMU Annual Sales by Company (2019-2024)
 - 3.1.2 Global Automotive Grade IMU Sales Market Share by Company (2019-2024)
- 3.2 Global Automotive Grade IMU Annual Revenue by Company (2019-2024)
 - 3.2.1 Global Automotive Grade IMU Revenue by Company (2019-2024)
 - 3.2.2 Global Automotive Grade IMU Revenue Market Share by Company (2019-2024)
- 3.3 Global Automotive Grade IMU Sale Price by Company
- 3.4 Key Manufacturers Automotive Grade IMU Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Automotive Grade IMU Product Location Distribution
 - 3.4.2 Players Automotive Grade IMU 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 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE GRADE IMU BY GEOGRAPHIC REGION

- 4.1 World Historic Automotive Grade IMU Market Size by Geographic Region (2019-2024)
 - 4.1.1 Global Automotive Grade IMU Annual Sales by Geographic Region (2019-2024)
 - 4.1.2 Global Automotive Grade IMU Annual Revenue by Geographic Region (2019-2024)
- 4.2 World Historic Automotive Grade IMU Market Size by Country/Region (2019-2024)
 - 4.2.1 Global Automotive Grade IMU Annual Sales by Country/Region (2019-2024)
 - 4.2.2 Global Automotive Grade IMU Annual Revenue by Country/Region (2019-2024)
- 4.3 Americas Automotive Grade IMU Sales Growth
- 4.4 APAC Automotive Grade IMU Sales Growth
- 4.5 Europe Automotive Grade IMU Sales Growth
- 4.6 Middle East & Africa Automotive Grade IMU Sales Growth

5 AMERICAS

- 5.1 Americas Automotive Grade IMU Sales by Country
 - 5.1.1 Americas Automotive Grade IMU Sales by Country (2019-2024)
 - 5.1.2 Americas Automotive Grade IMU Revenue by Country (2019-2024)
- 5.2 Americas Automotive Grade IMU Sales by Type (2019-2024)

5.3 Americas Automotive Grade IMU Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Automotive Grade IMU Sales by Region

6.1.1 APAC Automotive Grade IMU Sales by Region (2019-2024)

6.1.2 APAC Automotive Grade IMU Revenue by Region (2019-2024)

6.2 APAC Automotive Grade IMU Sales by Type (2019-2024)

6.3 APAC Automotive Grade IMU Sales by Application (2019-2024)

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 Automotive Grade IMU by Country

7.1.1 Europe Automotive Grade IMU Sales by Country (2019-2024)

7.1.2 Europe Automotive Grade IMU Revenue by Country (2019-2024)

7.2 Europe Automotive Grade IMU Sales by Type (2019-2024)

7.3 Europe Automotive Grade IMU Sales by Application (2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Automotive Grade IMU by Country

8.1.1 Middle East & Africa Automotive Grade IMU Sales by Country (2019-2024)

8.1.2 Middle East & Africa Automotive Grade IMU Revenue by Country (2019-2024)

- 8.2 Middle East & Africa Automotive Grade IMU Sales by Type (2019-2024)
- 8.3 Middle East & Africa Automotive Grade IMU Sales by Application (2019-2024)
- 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 Automotive Grade IMU
- 10.3 Manufacturing Process Analysis of Automotive Grade IMU
- 10.4 Industry Chain Structure of Automotive Grade IMU

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Automotive Grade IMU Distributors
- 11.3 Automotive Grade IMU Customer

12 WORLD FORECAST REVIEW FOR AUTOMOTIVE GRADE IMU BY GEOGRAPHIC REGION

- 12.1 Global Automotive Grade IMU Market Size Forecast by Region
 - 12.1.1 Global Automotive Grade IMU Forecast by Region (2025-2030)
 - 12.1.2 Global Automotive Grade IMU Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country (2025-2030)
- 12.3 APAC Forecast by Region (2025-2030)
- 12.4 Europe Forecast by Country (2025-2030)

12.5 Middle East & Africa Forecast by Country (2025-2030)

12.6 Global Automotive Grade IMU Forecast by Type (2025-2030)

12.7 Global Automotive Grade IMU Forecast by Application (2025-2030)

13 KEY PLAYERS ANALYSIS

13.1 Honeywell

13.1.1 Honeywell Company Information

13.1.2 Honeywell Automotive Grade IMU Product Portfolios and Specifications

13.1.3 Honeywell Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Honeywell Main Business Overview

13.1.5 Honeywell Latest Developments

13.2 Bosch Sensortec

13.2.1 Bosch Sensortec Company Information

13.2.2 Bosch Sensortec Automotive Grade IMU Product Portfolios and Specifications

13.2.3 Bosch Sensortec Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 Bosch Sensortec Main Business Overview

13.2.5 Bosch Sensortec Latest Developments

13.3 STMicroelectronics

13.3.1 STMicroelectronics Company Information

13.3.2 STMicroelectronics Automotive Grade IMU Product Portfolios and Specifications

13.3.3 STMicroelectronics Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 STMicroelectronics Main Business Overview

13.3.5 STMicroelectronics Latest Developments

13.4 Panasonic

13.4.1 Panasonic Company Information

13.4.2 Panasonic Automotive Grade IMU Product Portfolios and Specifications

13.4.3 Panasonic Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Panasonic Main Business Overview

13.4.5 Panasonic Latest Developments

13.5 Thales Group

13.5.1 Thales Group Company Information

13.5.2 Thales Group Automotive Grade IMU Product Portfolios and Specifications

13.5.3 Thales Group Automotive Grade IMU Sales, Revenue, Price and Gross Margin

(2019-2024)

13.5.4 Thales Group Main Business Overview

13.5.5 Thales Group Latest Developments

13.6 Analog Devices

13.6.1 Analog Devices Company Information

13.6.2 Analog Devices Automotive Grade IMU Product Portfolios and Specifications

13.6.3 Analog Devices Automotive Grade IMU Sales, Revenue, Price and Gross

Margin (2019-2024)

13.6.4 Analog Devices Main Business Overview

13.6.5 Analog Devices Latest Developments

13.7 Murata Manufacturing

13.7.1 Murata Manufacturing Company Information

13.7.2 Murata Manufacturing Automotive Grade IMU Product Portfolios and

Specifications

13.7.3 Murata Manufacturing Automotive Grade IMU Sales, Revenue, Price and Gross

Margin (2019-2024)

13.7.4 Murata Manufacturing Main Business Overview

13.7.5 Murata Manufacturing Latest Developments

13.8 TDK

13.8.1 TDK Company Information

13.8.2 TDK Automotive Grade IMU Product Portfolios and Specifications

13.8.3 TDK Automotive Grade IMU Sales, Revenue, Price and Gross Margin

(2019-2024)

13.8.4 TDK Main Business Overview

13.8.5 TDK Latest Developments

13.9 Silicon Sensing Systems

13.9.1 Silicon Sensing Systems Company Information

13.9.2 Silicon Sensing Systems Automotive Grade IMU Product Portfolios and

Specifications

13.9.3 Silicon Sensing Systems Automotive Grade IMU Sales, Revenue, Price and
Gross Margin (2019-2024)

13.9.4 Silicon Sensing Systems Main Business Overview

13.9.5 Silicon Sensing Systems Latest Developments

13.10 MEMSIC

13.10.1 MEMSIC Company Information

13.10.2 MEMSIC Automotive Grade IMU Product Portfolios and Specifications

13.10.3 MEMSIC Automotive Grade IMU Sales, Revenue, Price and Gross Margin

(2019-2024)

13.10.4 MEMSIC Main Business Overview

- 13.10.5 MEMSIC Latest Developments
- 13.11 VectorNav Technologies
 - 13.11.1 VectorNav Technologies Company Information
 - 13.11.2 VectorNav Technologies Automotive Grade IMU Product Portfolios and Specifications
 - 13.11.3 VectorNav Technologies Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.11.4 VectorNav Technologies Main Business Overview
 - 13.11.5 VectorNav Technologies Latest Developments
- 13.12 Memsense
 - 13.12.1 Memsense Company Information
 - 13.12.2 Memsense Automotive Grade IMU Product Portfolios and Specifications
 - 13.12.3 Memsense Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.12.4 Memsense Main Business Overview
 - 13.12.5 Memsense Latest Developments
- 13.13 Sensoror
 - 13.13.1 Sensoror Company Information
 - 13.13.2 Sensoror Automotive Grade IMU Product Portfolios and Specifications
 - 13.13.3 Sensoror Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.13.4 Sensoror Main Business Overview
 - 13.13.5 Sensoror Latest Developments
- 13.14 ACEINNA
 - 13.14.1 ACEINNA Company Information
 - 13.14.2 ACEINNA Automotive Grade IMU Product Portfolios and Specifications
 - 13.14.3 ACEINNA Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.14.4 ACEINNA Main Business Overview
 - 13.14.5 ACEINNA Latest Developments
- 13.15 Chongqing Tianjian Transducer
 - 13.15.1 Chongqing Tianjian Transducer Company Information
 - 13.15.2 Chongqing Tianjian Transducer Automotive Grade IMU Product Portfolios and Specifications
 - 13.15.3 Chongqing Tianjian Transducer Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.15.4 Chongqing Tianjian Transducer Main Business Overview
 - 13.15.5 Chongqing Tianjian Transducer Latest Developments
- 13.16 Adrax

- 13.16.1 Adrax Company Information
- 13.16.2 Adrax Automotive Grade IMU Product Portfolios and Specifications
- 13.16.3 Adrax Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.16.4 Adrax Main Business Overview
- 13.16.5 Adrax Latest Developments
- 13.17 Ascension Technology
 - 13.17.1 Ascension Technology Company Information
 - 13.17.2 Ascension Technology Automotive Grade IMU Product Portfolios and Specifications
 - 13.17.3 Ascension Technology Automotive Grade IMU Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.17.4 Ascension Technology Main Business Overview
 - 13.17.5 Ascension Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Automotive Grade IMU Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Automotive Grade IMU Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Single Axis IMU

Table 4. Major Players of Three-Axis IMU

Table 5. Global Automotive Grade IMU Sales by Type (2019-2024) & (K Units)

Table 6. Global Automotive Grade IMU Sales Market Share by Type (2019-2024)

Table 7. Global Automotive Grade IMU Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Automotive Grade IMU Revenue Market Share by Type (2019-2024)

Table 9. Global Automotive Grade IMU Sale Price by Type (2019-2024) & (US\$/Unit)

Table 10. Global Automotive Grade IMU Sale by Application (2019-2024) & (K Units)

Table 11. Global Automotive Grade IMU Sale Market Share by Application (2019-2024)

Table 12. Global Automotive Grade IMU Revenue by Application (2019-2024) & (\$ million)

Table 13. Global Automotive Grade IMU Revenue Market Share by Application (2019-2024)

Table 14. Global Automotive Grade IMU Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global Automotive Grade IMU Sales by Company (2019-2024) & (K Units)

Table 16. Global Automotive Grade IMU Sales Market Share by Company (2019-2024)

Table 17. Global Automotive Grade IMU Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global Automotive Grade IMU Revenue Market Share by Company (2019-2024)

Table 19. Global Automotive Grade IMU Sale Price by Company (2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers Automotive Grade IMU Producing Area Distribution and Sales Area

Table 21. Players Automotive Grade IMU Products Offered

Table 22. Automotive Grade IMU Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Automotive Grade IMU Sales by Geographic Region (2019-2024) & (K

Units)

Table 26. Global Automotive Grade IMU Sales Market Share Geographic Region (2019-2024)

Table 27. Global Automotive Grade IMU Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Automotive Grade IMU Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Automotive Grade IMU Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Automotive Grade IMU Sales Market Share by Country/Region (2019-2024)

Table 31. Global Automotive Grade IMU Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Automotive Grade IMU Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Automotive Grade IMU Sales by Country (2019-2024) & (K Units)

Table 34. Americas Automotive Grade IMU Sales Market Share by Country (2019-2024)

Table 35. Americas Automotive Grade IMU Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas Automotive Grade IMU Sales by Type (2019-2024) & (K Units)

Table 37. Americas Automotive Grade IMU Sales by Application (2019-2024) & (K Units)

Table 38. APAC Automotive Grade IMU Sales by Region (2019-2024) & (K Units)

Table 39. APAC Automotive Grade IMU Sales Market Share by Region (2019-2024)

Table 40. APAC Automotive Grade IMU Revenue by Region (2019-2024) & (\$ millions)

Table 41. APAC Automotive Grade IMU Sales by Type (2019-2024) & (K Units)

Table 42. APAC Automotive Grade IMU Sales by Application (2019-2024) & (K Units)

Table 43. Europe Automotive Grade IMU Sales by Country (2019-2024) & (K Units)

Table 44. Europe Automotive Grade IMU Revenue by Country (2019-2024) & (\$ millions)

Table 45. Europe Automotive Grade IMU Sales by Type (2019-2024) & (K Units)

Table 46. Europe Automotive Grade IMU Sales by Application (2019-2024) & (K Units)

Table 47. Middle East & Africa Automotive Grade IMU Sales by Country (2019-2024) & (K Units)

Table 48. Middle East & Africa Automotive Grade IMU Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa Automotive Grade IMU Sales by Type (2019-2024) & (K Units)

Table 50. Middle East & Africa Automotive Grade IMU Sales by Application (2019-2024)

& (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Automotive Grade IMU

Table 52. Key Market Challenges & Risks of Automotive Grade IMU

Table 53. Key Industry Trends of Automotive Grade IMU

Table 54. Automotive Grade IMU Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Automotive Grade IMU Distributors List

Table 57. Automotive Grade IMU Customer List

Table 58. Global Automotive Grade IMU Sales Forecast by Region (2025-2030) & (K Units)

Table 59. Global Automotive Grade IMU Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 60. Americas Automotive Grade IMU Sales Forecast by Country (2025-2030) & (K Units)

Table 61. Americas Automotive Grade IMU Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 62. APAC Automotive Grade IMU Sales Forecast by Region (2025-2030) & (K Units)

Table 63. APAC Automotive Grade IMU Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 64. Europe Automotive Grade IMU Sales Forecast by Country (2025-2030) & (K Units)

Table 65. Europe Automotive Grade IMU Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa Automotive Grade IMU Sales Forecast by Country (2025-2030) & (K Units)

Table 67. Middle East & Africa Automotive Grade IMU Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Global Automotive Grade IMU Sales Forecast by Type (2025-2030) & (K Units)

Table 69. Global Automotive Grade IMU Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 70. Global Automotive Grade IMU Sales Forecast by Application (2025-2030) & (K Units)

Table 71. Global Automotive Grade IMU Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 72. Honeywell Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 73. Honeywell Automotive Grade IMU Product Portfolios and Specifications

Table 74. Honeywell Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 75. Honeywell Main Business

Table 76. Honeywell Latest Developments

Table 77. Bosch Sensortec Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 78. Bosch Sensortec Automotive Grade IMU Product Portfolios and Specifications

Table 79. Bosch Sensortec Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 80. Bosch Sensortec Main Business

Table 81. Bosch Sensortec Latest Developments

Table 82. STMicroelectronics Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 83. STMicroelectronics Automotive Grade IMU Product Portfolios and Specifications

Table 84. STMicroelectronics Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 85. STMicroelectronics Main Business

Table 86. STMicroelectronics Latest Developments

Table 87. Panasonic Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 88. Panasonic Automotive Grade IMU Product Portfolios and Specifications

Table 89. Panasonic Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 90. Panasonic Main Business

Table 91. Panasonic Latest Developments

Table 92. Thales Group Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 93. Thales Group Automotive Grade IMU Product Portfolios and Specifications

Table 94. Thales Group Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 95. Thales Group Main Business

Table 96. Thales Group Latest Developments

Table 97. Analog Devices Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 98. Analog Devices Automotive Grade IMU Product Portfolios and Specifications

Table 99. Analog Devices Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

- Table 100. Analog Devices Main Business
- Table 101. Analog Devices Latest Developments
- Table 102. Murata Manufacturing Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors
- Table 103. Murata Manufacturing Automotive Grade IMU Product Portfolios and Specifications
- Table 104. Murata Manufacturing Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 105. Murata Manufacturing Main Business
- Table 106. Murata Manufacturing Latest Developments
- Table 107. TDK Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors
- Table 108. TDK Automotive Grade IMU Product Portfolios and Specifications
- Table 109. TDK Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 110. TDK Main Business
- Table 111. TDK Latest Developments
- Table 112. Silicon Sensing Systems Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors
- Table 113. Silicon Sensing Systems Automotive Grade IMU Product Portfolios and Specifications
- Table 114. Silicon Sensing Systems Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 115. Silicon Sensing Systems Main Business
- Table 116. Silicon Sensing Systems Latest Developments
- Table 117. MEMSIC Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors
- Table 118. MEMSIC Automotive Grade IMU Product Portfolios and Specifications
- Table 119. MEMSIC Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 120. MEMSIC Main Business
- Table 121. MEMSIC Latest Developments
- Table 122. VectorNav Technologies Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors
- Table 123. VectorNav Technologies Automotive Grade IMU Product Portfolios and Specifications
- Table 124. VectorNav Technologies Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 125. VectorNav Technologies Main Business

Table 126. VectorNav Technologies Latest Developments

Table 127. Memsense Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 128. Memsense Automotive Grade IMU Product Portfolios and Specifications

Table 129. Memsense Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 130. Memsense Main Business

Table 131. Memsense Latest Developments

Table 132. Sensoror Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 133. Sensoror Automotive Grade IMU Product Portfolios and Specifications

Table 134. Sensoror Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 135. Sensoror Main Business

Table 136. Sensoror Latest Developments

Table 137. ACEINNA Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 138. ACEINNA Automotive Grade IMU Product Portfolios and Specifications

Table 139. ACEINNA Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 140. ACEINNA Main Business

Table 141. ACEINNA Latest Developments

Table 142. Chongqing Tianjian Transducer Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 143. Chongqing Tianjian Transducer Automotive Grade IMU Product Portfolios and Specifications

Table 144. Chongqing Tianjian Transducer Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 145. Chongqing Tianjian Transducer Main Business

Table 146. Chongqing Tianjian Transducer Latest Developments

Table 147. Adrax Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 148. Adrax Automotive Grade IMU Product Portfolios and Specifications

Table 149. Adrax Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 150. Adrax Main Business

Table 151. Adrax Latest Developments

Table 152. Ascension Technology Basic Information, Automotive Grade IMU Manufacturing Base, Sales Area and Its Competitors

Table 153. Ascension Technology Automotive Grade IMU Product Portfolios and Specifications

Table 154. Ascension Technology Automotive Grade IMU Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 155. Ascension Technology Main Business

Table 156. Ascension Technology Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Automotive Grade IMU
- Figure 2. Automotive Grade IMU Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Automotive Grade IMU Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Automotive Grade IMU Revenue Growth Rate 2019-2030 (\$ millions)
- Figure 8. Automotive Grade IMU Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 9. Automotive Grade IMU Sales Market Share by Country/Region (2023)
- Figure 10. Automotive Grade IMU Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 11. Product Picture of Single Axis IMU
- Figure 12. Product Picture of Three-Axis IMU
- Figure 13. Global Automotive Grade IMU Sales Market Share by Type in 2023
- Figure 14. Global Automotive Grade IMU Revenue Market Share by Type (2019-2024)
- Figure 15. Automotive Grade IMU Consumed in Commercial Vehicles
- Figure 16. Global Automotive Grade IMU Market: Commercial Vehicles (2019-2024) & (K Units)
- Figure 17. Automotive Grade IMU Consumed in Passenger Vehicles
- Figure 18. Global Automotive Grade IMU Market: Passenger Vehicles (2019-2024) & (K Units)
- Figure 19. Global Automotive Grade IMU Sale Market Share by Application (2023)
- Figure 20. Global Automotive Grade IMU Revenue Market Share by Application in 2023
- Figure 21. Automotive Grade IMU Sales by Company in 2023 (K Units)
- Figure 22. Global Automotive Grade IMU Sales Market Share by Company in 2023
- Figure 23. Automotive Grade IMU Revenue by Company in 2023 (\$ millions)
- Figure 24. Global Automotive Grade IMU Revenue Market Share by Company in 2023
- Figure 25. Global Automotive Grade IMU Sales Market Share by Geographic Region (2019-2024)
- Figure 26. Global Automotive Grade IMU Revenue Market Share by Geographic Region in 2023
- Figure 27. Americas Automotive Grade IMU Sales 2019-2024 (K Units)
- Figure 28. Americas Automotive Grade IMU Revenue 2019-2024 (\$ millions)
- Figure 29. APAC Automotive Grade IMU Sales 2019-2024 (K Units)

- Figure 30. APAC Automotive Grade IMU Revenue 2019-2024 (\$ millions)
- Figure 31. Europe Automotive Grade IMU Sales 2019-2024 (K Units)
- Figure 32. Europe Automotive Grade IMU Revenue 2019-2024 (\$ millions)
- Figure 33. Middle East & Africa Automotive Grade IMU Sales 2019-2024 (K Units)
- Figure 34. Middle East & Africa Automotive Grade IMU Revenue 2019-2024 (\$ millions)
- Figure 35. Americas Automotive Grade IMU Sales Market Share by Country in 2023
- Figure 36. Americas Automotive Grade IMU Revenue Market Share by Country (2019-2024)
- Figure 37. Americas Automotive Grade IMU Sales Market Share by Type (2019-2024)
- Figure 38. Americas Automotive Grade IMU Sales Market Share by Application (2019-2024)
- Figure 39. United States Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 40. Canada Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 41. Mexico Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 42. Brazil Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 43. APAC Automotive Grade IMU Sales Market Share by Region in 2023
- Figure 44. APAC Automotive Grade IMU Revenue Market Share by Region (2019-2024)
- Figure 45. APAC Automotive Grade IMU Sales Market Share by Type (2019-2024)
- Figure 46. APAC Automotive Grade IMU Sales Market Share by Application (2019-2024)
- Figure 47. China Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 48. Japan Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 49. South Korea Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 50. Southeast Asia Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 51. India Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 52. Australia Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 53. China Taiwan Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 54. Europe Automotive Grade IMU Sales Market Share by Country in 2023
- Figure 55. Europe Automotive Grade IMU Revenue Market Share by Country (2019-2024)
- Figure 56. Europe Automotive Grade IMU Sales Market Share by Type (2019-2024)
- Figure 57. Europe Automotive Grade IMU Sales Market Share by Application (2019-2024)
- Figure 58. Germany Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 59. France Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)

- Figure 60. UK Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 61. Italy Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 62. Russia Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 63. Middle East & Africa Automotive Grade IMU Sales Market Share by Country (2019-2024)
- Figure 64. Middle East & Africa Automotive Grade IMU Sales Market Share by Type (2019-2024)
- Figure 65. Middle East & Africa Automotive Grade IMU Sales Market Share by Application (2019-2024)
- Figure 66. Egypt Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 67. South Africa Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 68. Israel Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 69. Turkey Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 70. GCC Countries Automotive Grade IMU Revenue Growth 2019-2024 (\$ millions)
- Figure 71. Manufacturing Cost Structure Analysis of Automotive Grade IMU in 2023
- Figure 72. Manufacturing Process Analysis of Automotive Grade IMU
- Figure 73. Industry Chain Structure of Automotive Grade IMU
- Figure 74. Channels of Distribution
- Figure 75. Global Automotive Grade IMU Sales Market Forecast by Region (2025-2030)
- Figure 76. Global Automotive Grade IMU Revenue Market Share Forecast by Region (2025-2030)
- Figure 77. Global Automotive Grade IMU Sales Market Share Forecast by Type (2025-2030)
- Figure 78. Global Automotive Grade IMU Revenue Market Share Forecast by Type (2025-2030)
- Figure 79. Global Automotive Grade IMU Sales Market Share Forecast by Application (2025-2030)
- Figure 80. Global Automotive Grade IMU Revenue Market Share Forecast by Application (2025-2030)

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