

Global Onboard Sensor Market Research Report 2024, Forecast to 2032

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Abstracts

Report Overview

Onboard Sensor is a sensor installed on a vehicle to monitor the vehicle's operating status and surrounding environment information. Vehicle-mounted sensors can include speed sensors, temperature sensors, pressure sensors, etc., which provide important data support for the vehicle's driving and control systems.

The global Onboard Sensor market size was estimated at USD 1456 million in 2023 and is projected to reach USD 3059.35 million by 2032, exhibiting a CAGR of 8.60% during the forecast period.

North America Onboard Sensor market size was estimated at USD 437.39 million in 2023, at a CAGR of 7.37% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global Onboard Sensor market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Onboard Sensor Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the

competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Onboard Sensor market in any manner.

Global Onboard Sensor Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Bosch

Honeywell

NXP

Infineon

Analog Devices

Panasonic

InvenSense

TI

Silicon Laboratories

ABB

STM

TE Connectivity

Huagong Tech

Sensirion

Zhonghang Electronic Measuring Instruments

Vishay

Hanwei Electronics

Semtech

Omron

Market Segmentation (by Type)

Temperature & Humidity Sensor

Pressure Sensor

Touch Sensor

Motion & Occupancy Sensor

Position Sensor

Light Sensor

Others

Market Segmentation (by Application)

Passenger Cars

Commercial Vehicles

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Onboard Sensor Market

Overview of the regional outlook of the Onboard Sensor Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your

competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Onboard Sensor Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Onboard Sensor, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

Chapter 13 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Onboard Sensor
- 1.2 Key Market Segments
 - 1.2.1 Onboard Sensor Segment by Type
 - 1.2.2 Onboard Sensor Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 ONBOARD SENSOR MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Onboard Sensor Market Size (M USD) Estimates and Forecasts (2019-2032)
 - 2.1.2 Global Onboard Sensor Sales Estimates and Forecasts (2019-2032)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 ONBOARD SENSOR MARKET COMPETITIVE LANDSCAPE

- 3.1 Global Onboard Sensor Sales by Manufacturers (2019-2024)
- 3.2 Global Onboard Sensor Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Onboard Sensor Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Onboard Sensor Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Onboard Sensor Sales Sites, Area Served, Product Type
- 3.6 Onboard Sensor Market Competitive Situation and Trends
 - 3.6.1 Onboard Sensor Market Concentration Rate
 - 3.6.2 Global 5 and 10 Largest Onboard Sensor Players Market Share by Revenue
 - 3.6.3 Mergers & Acquisitions, Expansion

4 ONBOARD SENSOR INDUSTRY CHAIN ANALYSIS

- 4.1 Onboard Sensor Industry Chain Analysis

- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF ONBOARD SENSOR MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 ONBOARD SENSOR MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Onboard Sensor Sales Market Share by Type (2019-2024)
- 6.3 Global Onboard Sensor Market Size Market Share by Type (2019-2024)
- 6.4 Global Onboard Sensor Price by Type (2019-2024)

7 ONBOARD SENSOR MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Onboard Sensor Market Sales by Application (2019-2024)
- 7.3 Global Onboard Sensor Market Size (M USD) by Application (2019-2024)
- 7.4 Global Onboard Sensor Sales Growth Rate by Application (2019-2024)

8 ONBOARD SENSOR MARKET CONSUMPTION BY REGION

- 8.1 Global Onboard Sensor Sales by Region
 - 8.1.1 Global Onboard Sensor Sales by Region
 - 8.1.2 Global Onboard Sensor Sales Market Share by Region
- 8.2 North America
 - 8.2.1 North America Onboard Sensor Sales by Country
 - 8.2.2 U.S.

- 8.2.3 Canada
- 8.2.4 Mexico
- 8.3 Europe
 - 8.3.1 Europe Onboard Sensor Sales by Country
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 U.K.
 - 8.3.5 Italy
 - 8.3.6 Russia
- 8.4 Asia Pacific
 - 8.4.1 Asia Pacific Onboard Sensor Sales by Region
 - 8.4.2 China
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 India
 - 8.4.6 Southeast Asia
- 8.5 South America
 - 8.5.1 South America Onboard Sensor Sales by Country
 - 8.5.2 Brazil
 - 8.5.3 Argentina
 - 8.5.4 Columbia
- 8.6 Middle East and Africa
 - 8.6.1 Middle East and Africa Onboard Sensor Sales by Region
 - 8.6.2 Saudi Arabia
 - 8.6.3 UAE
 - 8.6.4 Egypt
 - 8.6.5 Nigeria
 - 8.6.6 South Africa

9 ONBOARD SENSOR MARKET PRODUCTION BY REGION

- 9.1 Global Production of Onboard Sensor by Region (2019-2024)
- 9.2 Global Onboard Sensor Revenue Market Share by Region (2019-2024)
- 9.3 Global Onboard Sensor Production, Revenue, Price and Gross Margin (2019-2024)
- 9.4 North America Onboard Sensor Production
 - 9.4.1 North America Onboard Sensor Production Growth Rate (2019-2024)
 - 9.4.2 North America Onboard Sensor Production, Revenue, Price and Gross Margin (2019-2024)
- 9.5 Europe Onboard Sensor Production

- 9.5.1 Europe Onboard Sensor Production Growth Rate (2019-2024)
- 9.5.2 Europe Onboard Sensor Production, Revenue, Price and Gross Margin (2019-2024)
- 9.6 Japan Onboard Sensor Production (2019-2024)
 - 9.6.1 Japan Onboard Sensor Production Growth Rate (2019-2024)
 - 9.6.2 Japan Onboard Sensor Production, Revenue, Price and Gross Margin (2019-2024)
- 9.7 China Onboard Sensor Production (2019-2024)
 - 9.7.1 China Onboard Sensor Production Growth Rate (2019-2024)
 - 9.7.2 China Onboard Sensor Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 Bosch

- 10.1.1 Bosch Onboard Sensor Basic Information
- 10.1.2 Bosch Onboard Sensor Product Overview
- 10.1.3 Bosch Onboard Sensor Product Market Performance
- 10.1.4 Bosch Business Overview
- 10.1.5 Bosch Onboard Sensor SWOT Analysis
- 10.1.6 Bosch Recent Developments

10.2 Honeywell

- 10.2.1 Honeywell Onboard Sensor Basic Information
- 10.2.2 Honeywell Onboard Sensor Product Overview
- 10.2.3 Honeywell Onboard Sensor Product Market Performance
- 10.2.4 Honeywell Business Overview
- 10.2.5 Honeywell Onboard Sensor SWOT Analysis
- 10.2.6 Honeywell Recent Developments

10.3 NXP

- 10.3.1 NXP Onboard Sensor Basic Information
- 10.3.2 NXP Onboard Sensor Product Overview
- 10.3.3 NXP Onboard Sensor Product Market Performance
- 10.3.4 NXP Onboard Sensor SWOT Analysis
- 10.3.5 NXP Business Overview
- 10.3.6 NXP Recent Developments

10.4 Infineon

- 10.4.1 Infineon Onboard Sensor Basic Information
- 10.4.2 Infineon Onboard Sensor Product Overview
- 10.4.3 Infineon Onboard Sensor Product Market Performance

- 10.4.4 Infineon Business Overview
- 10.4.5 Infineon Recent Developments
- 10.5 Analog Devices
 - 10.5.1 Analog Devices Onboard Sensor Basic Information
 - 10.5.2 Analog Devices Onboard Sensor Product Overview
 - 10.5.3 Analog Devices Onboard Sensor Product Market Performance
 - 10.5.4 Analog Devices Business Overview
 - 10.5.5 Analog Devices Recent Developments
- 10.6 Panasonic
 - 10.6.1 Panasonic Onboard Sensor Basic Information
 - 10.6.2 Panasonic Onboard Sensor Product Overview
 - 10.6.3 Panasonic Onboard Sensor Product Market Performance
 - 10.6.4 Panasonic Business Overview
 - 10.6.5 Panasonic Recent Developments
- 10.7 InvenSense
 - 10.7.1 InvenSense Onboard Sensor Basic Information
 - 10.7.2 InvenSense Onboard Sensor Product Overview
 - 10.7.3 InvenSense Onboard Sensor Product Market Performance
 - 10.7.4 InvenSense Business Overview
 - 10.7.5 InvenSense Recent Developments
- 10.8 TI
 - 10.8.1 TI Onboard Sensor Basic Information
 - 10.8.2 TI Onboard Sensor Product Overview
 - 10.8.3 TI Onboard Sensor Product Market Performance
 - 10.8.4 TI Business Overview
 - 10.8.5 TI Recent Developments
- 10.9 Silicon Laboratories
 - 10.9.1 Silicon Laboratories Onboard Sensor Basic Information
 - 10.9.2 Silicon Laboratories Onboard Sensor Product Overview
 - 10.9.3 Silicon Laboratories Onboard Sensor Product Market Performance
 - 10.9.4 Silicon Laboratories Business Overview
 - 10.9.5 Silicon Laboratories Recent Developments
- 10.10 ABB
 - 10.10.1 ABB Onboard Sensor Basic Information
 - 10.10.2 ABB Onboard Sensor Product Overview
 - 10.10.3 ABB Onboard Sensor Product Market Performance
 - 10.10.4 ABB Business Overview
 - 10.10.5 ABB Recent Developments
- 10.11 STM

- 10.11.1 STM Onboard Sensor Basic Information
- 10.11.2 STM Onboard Sensor Product Overview
- 10.11.3 STM Onboard Sensor Product Market Performance
- 10.11.4 STM Business Overview
- 10.11.5 STM Recent Developments
- 10.12 TE Connectivity
 - 10.12.1 TE Connectivity Onboard Sensor Basic Information
 - 10.12.2 TE Connectivity Onboard Sensor Product Overview
 - 10.12.3 TE Connectivity Onboard Sensor Product Market Performance
 - 10.12.4 TE Connectivity Business Overview
 - 10.12.5 TE Connectivity Recent Developments
- 10.13 Huagong Tech
 - 10.13.1 Huagong Tech Onboard Sensor Basic Information
 - 10.13.2 Huagong Tech Onboard Sensor Product Overview
 - 10.13.3 Huagong Tech Onboard Sensor Product Market Performance
 - 10.13.4 Huagong Tech Business Overview
 - 10.13.5 Huagong Tech Recent Developments
- 10.14 Sensirion
 - 10.14.1 Sensirion Onboard Sensor Basic Information
 - 10.14.2 Sensirion Onboard Sensor Product Overview
 - 10.14.3 Sensirion Onboard Sensor Product Market Performance
 - 10.14.4 Sensirion Business Overview
 - 10.14.5 Sensirion Recent Developments
- 10.15 Zhonghang Electronic Measuring Instruments
 - 10.15.1 Zhonghang Electronic Measuring Instruments Onboard Sensor Basic Information
 - 10.15.2 Zhonghang Electronic Measuring Instruments Onboard Sensor Product Overview
 - 10.15.3 Zhonghang Electronic Measuring Instruments Onboard Sensor Product Market Performance
 - 10.15.4 Zhonghang Electronic Measuring Instruments Business Overview
 - 10.15.5 Zhonghang Electronic Measuring Instruments Recent Developments
- 10.16 Vishay
 - 10.16.1 Vishay Onboard Sensor Basic Information
 - 10.16.2 Vishay Onboard Sensor Product Overview
 - 10.16.3 Vishay Onboard Sensor Product Market Performance
 - 10.16.4 Vishay Business Overview
 - 10.16.5 Vishay Recent Developments
- 10.17 Hanwei Electronics

- 10.17.1 Hanwei Electronics Onboard Sensor Basic Information
- 10.17.2 Hanwei Electronics Onboard Sensor Product Overview
- 10.17.3 Hanwei Electronics Onboard Sensor Product Market Performance
- 10.17.4 Hanwei Electronics Business Overview
- 10.17.5 Hanwei Electronics Recent Developments
- 10.18 Semtech
 - 10.18.1 Semtech Onboard Sensor Basic Information
 - 10.18.2 Semtech Onboard Sensor Product Overview
 - 10.18.3 Semtech Onboard Sensor Product Market Performance
 - 10.18.4 Semtech Business Overview
 - 10.18.5 Semtech Recent Developments
- 10.19 Omron
 - 10.19.1 Omron Onboard Sensor Basic Information
 - 10.19.2 Omron Onboard Sensor Product Overview
 - 10.19.3 Omron Onboard Sensor Product Market Performance
 - 10.19.4 Omron Business Overview
 - 10.19.5 Omron Recent Developments

11 ONBOARD SENSOR MARKET FORECAST BY REGION

- 11.1 Global Onboard Sensor Market Size Forecast
- 11.2 Global Onboard Sensor Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Onboard Sensor Market Size Forecast by Country
 - 11.2.3 Asia Pacific Onboard Sensor Market Size Forecast by Region
 - 11.2.4 South America Onboard Sensor Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Consumption of Onboard Sensor by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

- 12.1 Global Onboard Sensor Market Forecast by Type (2025-2032)
 - 12.1.1 Global Forecasted Sales of Onboard Sensor by Type (2025-2032)
 - 12.1.2 Global Onboard Sensor Market Size Forecast by Type (2025-2032)
 - 12.1.3 Global Forecasted Price of Onboard Sensor by Type (2025-2032)
- 12.2 Global Onboard Sensor Market Forecast by Application (2025-2032)
 - 12.2.1 Global Onboard Sensor Sales (K Units) Forecast by Application
 - 12.2.2 Global Onboard Sensor Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Onboard Sensor Market Size Comparison by Region (M USD)
- Table 5. Global Onboard Sensor Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global Onboard Sensor Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global Onboard Sensor Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global Onboard Sensor Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Onboard Sensor as of 2022)
- Table 10. Global Market Onboard Sensor Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers Onboard Sensor Sales Sites and Area Served
- Table 12. Manufacturers Onboard Sensor Product Type
- Table 13. Global Onboard Sensor Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of Onboard Sensor
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Onboard Sensor Market Challenges
- Table 22. Global Onboard Sensor Sales by Type (K Units)
- Table 23. Global Onboard Sensor Market Size by Type (M USD)
- Table 24. Global Onboard Sensor Sales (K Units) by Type (2019-2024)
- Table 25. Global Onboard Sensor Sales Market Share by Type (2019-2024)
- Table 26. Global Onboard Sensor Market Size (M USD) by Type (2019-2024)
- Table 27. Global Onboard Sensor Market Size Share by Type (2019-2024)
- Table 28. Global Onboard Sensor Price (USD/Unit) by Type (2019-2024)
- Table 29. Global Onboard Sensor Sales (K Units) by Application
- Table 30. Global Onboard Sensor Market Size by Application
- Table 31. Global Onboard Sensor Sales by Application (2019-2024) & (K Units)
- Table 32. Global Onboard Sensor Sales Market Share by Application (2019-2024)

- Table 33. Global Onboard Sensor Sales by Application (2019-2024) & (M USD)
- Table 34. Global Onboard Sensor Market Share by Application (2019-2024)
- Table 35. Global Onboard Sensor Sales Growth Rate by Application (2019-2024)
- Table 36. Global Onboard Sensor Sales by Region (2019-2024) & (K Units)
- Table 37. Global Onboard Sensor Sales Market Share by Region (2019-2024)
- Table 38. North America Onboard Sensor Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Onboard Sensor Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Onboard Sensor Sales by Region (2019-2024) & (K Units)
- Table 41. South America Onboard Sensor Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Onboard Sensor Sales by Region (2019-2024) & (K Units)
- Table 43. Global Onboard Sensor Production (K Units) by Region (2019-2024)
- Table 44. Global Onboard Sensor Revenue (US\$ Million) by Region (2019-2024)
- Table 45. Global Onboard Sensor Revenue Market Share by Region (2019-2024)
- Table 46. Global Onboard Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 47. North America Onboard Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 48. Europe Onboard Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 49. Japan Onboard Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 50. China Onboard Sensor Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 51. Bosch Onboard Sensor Basic Information
- Table 52. Bosch Onboard Sensor Product Overview
- Table 53. Bosch Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 54. Bosch Business Overview
- Table 55. Bosch Onboard Sensor SWOT Analysis
- Table 56. Bosch Recent Developments
- Table 57. Honeywell Onboard Sensor Basic Information
- Table 58. Honeywell Onboard Sensor Product Overview
- Table 59. Honeywell Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 60. Honeywell Business Overview
- Table 61. Honeywell Onboard Sensor SWOT Analysis
- Table 62. Honeywell Recent Developments
- Table 63. NXP Onboard Sensor Basic Information

Table 64. NXP Onboard Sensor Product Overview

Table 65. NXP Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 66. NXP Onboard Sensor SWOT Analysis

Table 67. NXP Business Overview

Table 68. NXP Recent Developments

Table 69. Infineon Onboard Sensor Basic Information

Table 70. Infineon Onboard Sensor Product Overview

Table 71. Infineon Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 72. Infineon Business Overview

Table 73. Infineon Recent Developments

Table 74. Analog Devices Onboard Sensor Basic Information

Table 75. Analog Devices Onboard Sensor Product Overview

Table 76. Analog Devices Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 77. Analog Devices Business Overview

Table 78. Analog Devices Recent Developments

Table 79. Panasonic Onboard Sensor Basic Information

Table 80. Panasonic Onboard Sensor Product Overview

Table 81. Panasonic Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 82. Panasonic Business Overview

Table 83. Panasonic Recent Developments

Table 84. InvenSense Onboard Sensor Basic Information

Table 85. InvenSense Onboard Sensor Product Overview

Table 86. InvenSense Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 87. InvenSense Business Overview

Table 88. InvenSense Recent Developments

Table 89. TI Onboard Sensor Basic Information

Table 90. TI Onboard Sensor Product Overview

Table 91. TI Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 92. TI Business Overview

Table 93. TI Recent Developments

Table 94. Silicon Laboratories Onboard Sensor Basic Information

Table 95. Silicon Laboratories Onboard Sensor Product Overview

Table 96. Silicon Laboratories Onboard Sensor Sales (K Units), Revenue (M USD),

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

Table 97. Silicon Laboratories Business Overview

Table 98. Silicon Laboratories Recent Developments

Table 99. ABB Onboard Sensor Basic Information

Table 100. ABB Onboard Sensor Product Overview

Table 101. ABB Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 102. ABB Business Overview

Table 103. ABB Recent Developments

Table 104. STM Onboard Sensor Basic Information

Table 105. STM Onboard Sensor Product Overview

Table 106. STM Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 107. STM Business Overview

Table 108. STM Recent Developments

Table 109. TE Connectivity Onboard Sensor Basic Information

Table 110. TE Connectivity Onboard Sensor Product Overview

Table 111. TE Connectivity Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 112. TE Connectivity Business Overview

Table 113. TE Connectivity Recent Developments

Table 114. Huagong Tech Onboard Sensor Basic Information

Table 115. Huagong Tech Onboard Sensor Product Overview

Table 116. Huagong Tech Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 117. Huagong Tech Business Overview

Table 118. Huagong Tech Recent Developments

Table 119. Sensirion Onboard Sensor Basic Information

Table 120. Sensirion Onboard Sensor Product Overview

Table 121. Sensirion Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 122. Sensirion Business Overview

Table 123. Sensirion Recent Developments

Table 124. Zhonghang Electronic Measuring Instruments Onboard Sensor Basic Information

Table 125. Zhonghang Electronic Measuring Instruments Onboard Sensor Product Overview

Table 126. Zhonghang Electronic Measuring Instruments Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 127. Zhonghang Electronic Measuring Instruments Business Overview
- Table 128. Zhonghang Electronic Measuring Instruments Recent Developments
- Table 129. Vishay Onboard Sensor Basic Information
- Table 130. Vishay Onboard Sensor Product Overview
- Table 131. Vishay Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 132. Vishay Business Overview
- Table 133. Vishay Recent Developments
- Table 134. Hanwei Electronics Onboard Sensor Basic Information
- Table 135. Hanwei Electronics Onboard Sensor Product Overview
- Table 136. Hanwei Electronics Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 137. Hanwei Electronics Business Overview
- Table 138. Hanwei Electronics Recent Developments
- Table 139. Semtech Onboard Sensor Basic Information
- Table 140. Semtech Onboard Sensor Product Overview
- Table 141. Semtech Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 142. Semtech Business Overview
- Table 143. Semtech Recent Developments
- Table 144. Omron Onboard Sensor Basic Information
- Table 145. Omron Onboard Sensor Product Overview
- Table 146. Omron Onboard Sensor Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 147. Omron Business Overview
- Table 148. Omron Recent Developments
- Table 149. Global Onboard Sensor Sales Forecast by Region (2025-2032) & (K Units)
- Table 150. Global Onboard Sensor Market Size Forecast by Region (2025-2032) & (M USD)
- Table 151. North America Onboard Sensor Sales Forecast by Country (2025-2032) & (K Units)
- Table 152. North America Onboard Sensor Market Size Forecast by Country (2025-2032) & (M USD)
- Table 153. Europe Onboard Sensor Sales Forecast by Country (2025-2032) & (K Units)
- Table 154. Europe Onboard Sensor Market Size Forecast by Country (2025-2032) & (M USD)
- Table 155. Asia Pacific Onboard Sensor Sales Forecast by Region (2025-2032) & (K Units)
- Table 156. Asia Pacific Onboard Sensor Market Size Forecast by Region (2025-2032) &

(M USD)

Table 157. South America Onboard Sensor Sales Forecast by Country (2025-2032) & (K Units)

Table 158. South America Onboard Sensor Market Size Forecast by Country (2025-2032) & (M USD)

Table 159. Middle East and Africa Onboard Sensor Consumption Forecast by Country (2025-2032) & (Units)

Table 160. Middle East and Africa Onboard Sensor Market Size Forecast by Country (2025-2032) & (M USD)

Table 161. Global Onboard Sensor Sales Forecast by Type (2025-2032) & (K Units)

Table 162. Global Onboard Sensor Market Size Forecast by Type (2025-2032) & (M USD)

Table 163. Global Onboard Sensor Price Forecast by Type (2025-2032) & (USD/Unit)

Table 164. Global Onboard Sensor Sales (K Units) Forecast by Application (2025-2032)

Table 165. Global Onboard Sensor Market Size Forecast by Application (2025-2032) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Onboard Sensor

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Onboard Sensor Market Size (M USD), 2019-2032

Figure 5. Global Onboard Sensor Market Size (M USD) (2019-2032)

Figure 6. Global Onboard Sensor Sales (K Units) & (2019-2032)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Onboard Sensor Market Size by Country (M USD)

Figure 11. Onboard Sensor Sales Share by Manufacturers in 2023

Figure 12. Global Onboard Sensor Revenue Share by Manufacturers in 2023

Figure 13. Onboard Sensor Market Share by Company Type (Tier 1, Tier 2 and Tier 3):
2023

Figure 14. Global Market Onboard Sensor Average Price (USD/Unit) of Key
Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Onboard Sensor
Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Onboard Sensor Market Share by Type

Figure 18. Sales Market Share of Onboard Sensor by Type (2019-2024)

Figure 19. Sales Market Share of Onboard Sensor by Type in 2023

Figure 20. Market Size Share of Onboard Sensor by Type (2019-2024)

Figure 21. Market Size Market Share of Onboard Sensor by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Onboard Sensor Market Share by Application

Figure 24. Global Onboard Sensor Sales Market Share by Application (2019-2024)

Figure 25. Global Onboard Sensor Sales Market Share by Application in 2023

Figure 26. Global Onboard Sensor Market Share by Application (2019-2024)

Figure 27. Global Onboard Sensor Market Share by Application in 2023

Figure 28. Global Onboard Sensor Sales Growth Rate by Application (2019-2024)

Figure 29. Global Onboard Sensor Sales Market Share by Region (2019-2024)

Figure 30. North America Onboard Sensor Sales and Growth Rate (2019-2024) & (K
Units)

Figure 31. North America Onboard Sensor Sales Market Share by Country in 2023

- Figure 32. U.S. Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 33. Canada Onboard Sensor Sales (K Units) and Growth Rate (2019-2024)
- Figure 34. Mexico Onboard Sensor Sales (Units) and Growth Rate (2019-2024)
- Figure 35. Europe Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 36. Europe Onboard Sensor Sales Market Share by Country in 2023
- Figure 37. Germany Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 38. France Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 39. U.K. Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 40. Italy Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 41. Russia Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 42. Asia Pacific Onboard Sensor Sales and Growth Rate (K Units)
- Figure 43. Asia Pacific Onboard Sensor Sales Market Share by Region in 2023
- Figure 44. China Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 45. Japan Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 46. South Korea Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 47. India Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 48. Southeast Asia Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 49. South America Onboard Sensor Sales and Growth Rate (K Units)
- Figure 50. South America Onboard Sensor Sales Market Share by Country in 2023
- Figure 51. Brazil Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 52. Argentina Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 53. Columbia Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 54. Middle East and Africa Onboard Sensor Sales and Growth Rate (K Units)
- Figure 55. Middle East and Africa Onboard Sensor Sales Market Share by Region in 2023
- Figure 56. Saudi Arabia Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 57. UAE Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 58. Egypt Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 59. Nigeria Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 60. South Africa Onboard Sensor Sales and Growth Rate (2019-2024) & (K Units)
- Figure 61. Global Onboard Sensor Production Market Share by Region (2019-2024)
- Figure 62. North America Onboard Sensor Production (K Units) Growth Rate (2019-2024)
- Figure 63. Europe Onboard Sensor Production (K Units) Growth Rate (2019-2024)
- Figure 64. Japan Onboard Sensor Production (K Units) Growth Rate (2019-2024)

Figure 65. China Onboard Sensor Production (K Units) Growth Rate (2019-2024)

Figure 66. Global Onboard Sensor Sales Forecast by Volume (2019-2032) & (K Units)

Figure 67. Global Onboard Sensor Market Size Forecast by Value (2019-2032) & (M USD)

Figure 68. Global Onboard Sensor Sales Market Share Forecast by Type (2025-2032)

Figure 69. Global Onboard Sensor Market Share Forecast by Type (2025-2032)

Figure 70. Global Onboard Sensor Sales Forecast by Application (2025-2032)

Figure 71. Global Onboard Sensor Market Share Forecast by Application (2025-2032)

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