

Global Automotive Smart Millimeter Wave Radar ICs Market Growth 2026-2032

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Abstracts

The global Automotive Smart Millimeter Wave Radar ICs market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

Automotive smart millimeter-wave radar ICs (Integrated Circuits) are crucial components in advanced driver assistance systems (ADAS) and autonomous driving technologies. These radar systems operate in the 24 GHz to 77 GHz frequency bands, providing high-resolution sensing for applications such as collision avoidance, adaptive cruise control, and parking assistance.

United States market for Automotive Smart Millimeter Wave Radar ICs is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Automotive Smart Millimeter Wave Radar ICs is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Automotive Smart Millimeter Wave Radar ICs is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Automotive Smart Millimeter Wave Radar ICs players cover Texas Instruments (TI), Infineon Technologies, NXP Semiconductors, Analog Devices (ADI), STMicroelectronics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Automotive Smart Millimeter Wave Radar ICs Industry Forecast" looks at past sales and reviews total world Automotive Smart Millimeter Wave Radar ICs sales in 2025, providing a comprehensive analysis by region and market sector of projected Automotive Smart Millimeter Wave Radar ICs sales for 2026 through 2032. With Automotive Smart Millimeter Wave Radar ICs sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive Smart Millimeter Wave Radar ICs industry.

This Insight Report provides a comprehensive analysis of the global Automotive Smart Millimeter Wave Radar ICs 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 Smart Millimeter Wave Radar ICs portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Automotive Smart Millimeter Wave Radar ICs market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Automotive Smart Millimeter Wave Radar ICs 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 Smart Millimeter Wave Radar ICs.

This report presents a comprehensive overview, market shares, and growth opportunities of Automotive Smart Millimeter Wave Radar ICs market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

24GHz

60GHz

77GHz

Others

Segmentation by Application:

Passenger Cars

Commercial 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.

Texas Instruments (TI)

Infineon Technologies

NXP Semiconductors

Analog Devices (ADI)

STMicroelectronics

Uhnder

Asahi Kasei Microdevices

Renesas Electronics

Onsemi

Calterah Semiconductor Technology

Hangzhou Andar TECHNOLOGIES

Sijie Microelectronics

Beijing Micro-Degree Core Innovation Technology

Beijing Chengde Micro Integrated Circuit Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Automotive Smart Millimeter Wave Radar ICs market?

What factors are driving Automotive Smart Millimeter Wave Radar ICs market growth, globally and by region?

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

How do Automotive Smart Millimeter Wave Radar ICs market opportunities vary by end market size?

How does Automotive Smart Millimeter Wave Radar ICs 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 Smart Millimeter Wave Radar ICs Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Automotive Smart Millimeter Wave Radar ICs by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Automotive Smart Millimeter Wave Radar ICs by Country/Region, 2021, 2025 & 2032

2.2 Automotive Smart Millimeter Wave Radar ICs Segment by Type

- 2.2.1 24GHz
- 2.2.2 60GHz
- 2.2.3 77GHz
- 2.2.4 Others
- 2.2.5 Automotive Smart Millimeter Wave Radar ICs Sales by Type
 - 2.2.5.1 Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Type (2021-2026)
 - 2.2.5.2 Global Automotive Smart Millimeter Wave Radar ICs Revenue and Market Share by Type (2021-2026)
 - 2.2.5.3 Global Automotive Smart Millimeter Wave Radar ICs Sale Price by Type (2021-2026)

2.3 Automotive Smart Millimeter Wave Radar ICs Segment by Application

- 2.3.1 Passenger Cars
- 2.3.2 Commercial Vehicles
- 2.3.3 Automotive Smart Millimeter Wave Radar ICs Sales by Application
 - 2.3.3.1 Global Automotive Smart Millimeter Wave Radar ICs Sale Market Share by Application (2021-2026)

2.3.3.2 Global Automotive Smart Millimeter Wave Radar ICs Revenue and Market Share by Application (2021-2026)

2.3.3.3 Global Automotive Smart Millimeter Wave Radar ICs Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Automotive Smart Millimeter Wave Radar ICs Breakdown Data by Company

3.1.1 Global Automotive Smart Millimeter Wave Radar ICs Annual Sales by Company (2021-2026)

3.1.2 Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Company (2021-2026)

3.2 Global Automotive Smart Millimeter Wave Radar ICs Annual Revenue by Company (2021-2026)

3.2.1 Global Automotive Smart Millimeter Wave Radar ICs Revenue by Company (2021-2026)

3.2.2 Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Company (2021-2026)

3.3 Global Automotive Smart Millimeter Wave Radar ICs Sale Price by Company

3.4 Key Manufacturers Automotive Smart Millimeter Wave Radar ICs Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Automotive Smart Millimeter Wave Radar ICs Product Location Distribution

3.4.2 Players Automotive Smart Millimeter Wave Radar ICs Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR AUTOMOTIVE SMART MILLIMETER WAVE RADAR ICs BY GEOGRAPHIC REGION

4.1 World Historic Automotive Smart Millimeter Wave Radar ICs Market Size by Geographic Region (2021-2026)

4.1.1 Global Automotive Smart Millimeter Wave Radar ICs Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Automotive Smart Millimeter Wave Radar ICs Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Automotive Smart Millimeter Wave Radar ICs Market Size by Country/Region (2021-2026)

4.2.1 Global Automotive Smart Millimeter Wave Radar ICs Annual Sales by Country/Region (2021-2026)

4.2.2 Global Automotive Smart Millimeter Wave Radar ICs Annual Revenue by Country/Region (2021-2026)

4.3 Americas Automotive Smart Millimeter Wave Radar ICs Sales Growth

4.4 APAC Automotive Smart Millimeter Wave Radar ICs Sales Growth

4.5 Europe Automotive Smart Millimeter Wave Radar ICs Sales Growth

4.6 Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales Growth

5 AMERICAS

5.1 Americas Automotive Smart Millimeter Wave Radar ICs Sales by Country

5.1.1 Americas Automotive Smart Millimeter Wave Radar ICs Sales by Country (2021-2026)

5.1.2 Americas Automotive Smart Millimeter Wave Radar ICs Revenue by Country (2021-2026)

5.2 Americas Automotive Smart Millimeter Wave Radar ICs Sales by Type (2021-2026)

5.3 Americas Automotive Smart Millimeter Wave Radar ICs Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Automotive Smart Millimeter Wave Radar ICs Sales by Region

6.1.1 APAC Automotive Smart Millimeter Wave Radar ICs Sales by Region (2021-2026)

6.1.2 APAC Automotive Smart Millimeter Wave Radar ICs Revenue by Region (2021-2026)

6.2 APAC Automotive Smart Millimeter Wave Radar ICs Sales by Type (2021-2026)

6.3 APAC Automotive Smart Millimeter Wave Radar ICs Sales by Application (2021-2026)

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 Smart Millimeter Wave Radar ICs by Country

7.1.1 Europe Automotive Smart Millimeter Wave Radar ICs Sales by Country
(2021-2026)

7.1.2 Europe Automotive Smart Millimeter Wave Radar ICs Revenue by Country
(2021-2026)

7.2 Europe Automotive Smart Millimeter Wave Radar ICs Sales by Type (2021-2026)

7.3 Europe Automotive Smart Millimeter Wave Radar ICs Sales by Application
(2021-2026)

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 Smart Millimeter Wave Radar ICs by Country

8.1.1 Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales by
Country (2021-2026)

8.1.2 Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Revenue by
Country (2021-2026)

8.2 Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales by Type
(2021-2026)

8.3 Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales by
Application (2021-2026)

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 Smart Millimeter Wave Radar ICs
- 10.3 Manufacturing Process Analysis of Automotive Smart Millimeter Wave Radar ICs
- 10.4 Industry Chain Structure of Automotive Smart Millimeter Wave Radar ICs

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Automotive Smart Millimeter Wave Radar ICs Distributors
- 11.3 Automotive Smart Millimeter Wave Radar ICs Customer

12 WORLD FORECAST REVIEW FOR AUTOMOTIVE SMART MILLIMETER WAVE RADAR ICs BY GEOGRAPHIC REGION

- 12.1 Global Automotive Smart Millimeter Wave Radar ICs Market Size Forecast by Region
 - 12.1.1 Global Automotive Smart Millimeter Wave Radar ICs Forecast by Region (2027-2032)
 - 12.1.2 Global Automotive Smart Millimeter Wave Radar ICs Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Automotive Smart Millimeter Wave Radar ICs Forecast by Type (2027-2032)
- 12.7 Global Automotive Smart Millimeter Wave Radar ICs Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Texas Instruments (TI)

13.1.1 Texas Instruments (TI) Company Information

13.1.2 Texas Instruments (TI) Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.1.3 Texas Instruments (TI) Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Texas Instruments (TI) Main Business Overview

13.1.5 Texas Instruments (TI) Latest Developments

13.2 Infineon Technologies

13.2.1 Infineon Technologies Company Information

13.2.2 Infineon Technologies Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.2.3 Infineon Technologies Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Infineon Technologies Main Business Overview

13.2.5 Infineon Technologies Latest Developments

13.3 NXP Semiconductors

13.3.1 NXP Semiconductors Company Information

13.3.2 NXP Semiconductors Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.3.3 NXP Semiconductors Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 NXP Semiconductors Main Business Overview

13.3.5 NXP Semiconductors Latest Developments

13.4 Analog Devices (ADI)

13.4.1 Analog Devices (ADI) Company Information

13.4.2 Analog Devices (ADI) Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.4.3 Analog Devices (ADI) Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Analog Devices (ADI) Main Business Overview

13.4.5 Analog Devices (ADI) Latest Developments

13.5 STMicroelectronics

13.5.1 STMicroelectronics Company Information

13.5.2 STMicroelectronics Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.5.3 STMicroelectronics Automotive Smart Millimeter Wave Radar ICs Sales,

Revenue, Price and Gross Margin (2021-2026)

13.5.4 STMicroelectronics Main Business Overview

13.5.5 STMicroelectronics Latest Developments

13.6 Uhnder

13.6.1 Uhnder Company Information

13.6.2 Uhnder Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.6.3 Uhnder Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Uhnder Main Business Overview

13.6.5 Uhnder Latest Developments

13.7 Asahi Kasei Microdevices

13.7.1 Asahi Kasei Microdevices Company Information

13.7.2 Asahi Kasei Microdevices Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.7.3 Asahi Kasei Microdevices Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Asahi Kasei Microdevices Main Business Overview

13.7.5 Asahi Kasei Microdevices Latest Developments

13.8 Renesas Electronics

13.8.1 Renesas Electronics Company Information

13.8.2 Renesas Electronics Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.8.3 Renesas Electronics Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Renesas Electronics Main Business Overview

13.8.5 Renesas Electronics Latest Developments

13.9 Onsemi

13.9.1 Onsemi Company Information

13.9.2 Onsemi Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.9.3 Onsemi Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Onsemi Main Business Overview

13.9.5 Onsemi Latest Developments

13.10 Calterah Semiconductor Technology

13.10.1 Calterah Semiconductor Technology Company Information

13.10.2 Calterah Semiconductor Technology Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.10.3 Calterah Semiconductor Technology Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Calterah Semiconductor Technology Main Business Overview

13.10.5 Calterah Semiconductor Technology Latest Developments

13.11 Hangzhou Andar TECHNOLOGIES

13.11.1 Hangzhou Andar TECHNOLOGIES Company Information

13.11.2 Hangzhou Andar TECHNOLOGIES Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.11.3 Hangzhou Andar TECHNOLOGIES Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Hangzhou Andar TECHNOLOGIES Main Business Overview

13.11.5 Hangzhou Andar TECHNOLOGIES Latest Developments

13.12 Sijie Microelectronics

13.12.1 Sijie Microelectronics Company Information

13.12.2 Sijie Microelectronics Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.12.3 Sijie Microelectronics Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Sijie Microelectronics Main Business Overview

13.12.5 Sijie Microelectronics Latest Developments

13.13 Beijing Micro-Degree Core Innovation Technology

13.13.1 Beijing Micro-Degree Core Innovation Technology Company Information

13.13.2 Beijing Micro-Degree Core Innovation Technology Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.13.3 Beijing Micro-Degree Core Innovation Technology Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Beijing Micro-Degree Core Innovation Technology Main Business Overview

13.13.5 Beijing Micro-Degree Core Innovation Technology Latest Developments

13.14 Beijing Chengde Micro Integrated Circuit Technology

13.14.1 Beijing Chengde Micro Integrated Circuit Technology Company Information

13.14.2 Beijing Chengde Micro Integrated Circuit Technology Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

13.14.3 Beijing Chengde Micro Integrated Circuit Technology Automotive Smart Millimeter Wave Radar ICs Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Beijing Chengde Micro Integrated Circuit Technology Main Business Overview

13.14.5 Beijing Chengde Micro Integrated Circuit Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Automotive Smart Millimeter Wave Radar ICs Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Automotive Smart Millimeter Wave Radar ICs Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of 24GHz

Table 4. Major Players of 60GHz

Table 5. Major Players of 77GHz

Table 6. Major Players of Others

Table 7. Global Automotive Smart Millimeter Wave Radar ICs Sales by Type (2021-2026) & (Million Units)

Table 8. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Type (2021-2026)

Table 9. Global Automotive Smart Millimeter Wave Radar ICs Revenue by Type (2021-2026) & (\$ million)

Table 10. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Type (2021-2026)

Table 11. Global Automotive Smart Millimeter Wave Radar ICs Sale Price by Type (2021-2026) & (US\$/Unit)

Table 12. Global Automotive Smart Millimeter Wave Radar ICs Sale by Application (2021-2026) & (Million Units)

Table 13. Global Automotive Smart Millimeter Wave Radar ICs Sale Market Share by Application (2021-2026)

Table 14. Global Automotive Smart Millimeter Wave Radar ICs Revenue by Application (2021-2026) & (\$ million)

Table 15. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Application (2021-2026)

Table 16. Global Automotive Smart Millimeter Wave Radar ICs Sale Price by Application (2021-2026) & (US\$/Unit)

Table 17. Global Automotive Smart Millimeter Wave Radar ICs Sales by Company (2021-2026) & (Million Units)

Table 18. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Company (2021-2026)

Table 19. Global Automotive Smart Millimeter Wave Radar ICs Revenue by Company (2021-2026) & (\$ millions)

Table 20. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share

by Company (2021-2026)

Table 21. Global Automotive Smart Millimeter Wave Radar ICs Sale Price by Company (2021-2026) & (US\$/Unit)

Table 22. Key Manufacturers Automotive Smart Millimeter Wave Radar ICs Producing Area Distribution and Sales Area

Table 23. Players Automotive Smart Millimeter Wave Radar ICs Products Offered

Table 24. Automotive Smart Millimeter Wave Radar ICs Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 25. New Products and Potential Entrants

Table 26. Market M&A Activity & Strategy

Table 27. Global Automotive Smart Millimeter Wave Radar ICs Sales by Geographic Region (2021-2026) & (Million Units)

Table 28. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share Geographic Region (2021-2026)

Table 29. Global Automotive Smart Millimeter Wave Radar ICs Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 30. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Geographic Region (2021-2026)

Table 31. Global Automotive Smart Millimeter Wave Radar ICs Sales by Country/Region (2021-2026) & (Million Units)

Table 32. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Country/Region (2021-2026)

Table 33. Global Automotive Smart Millimeter Wave Radar ICs Revenue by Country/Region (2021-2026) & (\$ millions)

Table 34. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Country/Region (2021-2026)

Table 35. Americas Automotive Smart Millimeter Wave Radar ICs Sales by Country (2021-2026) & (Million Units)

Table 36. Americas Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Country (2021-2026)

Table 37. Americas Automotive Smart Millimeter Wave Radar ICs Revenue by Country (2021-2026) & (\$ millions)

Table 38. Americas Automotive Smart Millimeter Wave Radar ICs Sales by Type (2021-2026) & (Million Units)

Table 39. Americas Automotive Smart Millimeter Wave Radar ICs Sales by Application (2021-2026) & (Million Units)

Table 40. APAC Automotive Smart Millimeter Wave Radar ICs Sales by Region (2021-2026) & (Million Units)

Table 41. APAC Automotive Smart Millimeter Wave Radar ICs Sales Market Share by

Region (2021-2026)

Table 42. APAC Automotive Smart Millimeter Wave Radar ICs Revenue by Region (2021-2026) & (\$ millions)

Table 43. APAC Automotive Smart Millimeter Wave Radar ICs Sales by Type (2021-2026) & (Million Units)

Table 44. APAC Automotive Smart Millimeter Wave Radar ICs Sales by Application (2021-2026) & (Million Units)

Table 45. Europe Automotive Smart Millimeter Wave Radar ICs Sales by Country (2021-2026) & (Million Units)

Table 46. Europe Automotive Smart Millimeter Wave Radar ICs Revenue by Country (2021-2026) & (\$ millions)

Table 47. Europe Automotive Smart Millimeter Wave Radar ICs Sales by Type (2021-2026) & (Million Units)

Table 48. Europe Automotive Smart Millimeter Wave Radar ICs Sales by Application (2021-2026) & (Million Units)

Table 49. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales by Country (2021-2026) & (Million Units)

Table 50. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Country (2021-2026)

Table 51. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales by Type (2021-2026) & (Million Units)

Table 52. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales by Application (2021-2026) & (Million Units)

Table 53. Key Market Drivers & Growth Opportunities of Automotive Smart Millimeter Wave Radar ICs

Table 54. Key Market Challenges & Risks of Automotive Smart Millimeter Wave Radar ICs

Table 55. Key Industry Trends of Automotive Smart Millimeter Wave Radar ICs

Table 56. Automotive Smart Millimeter Wave Radar ICs Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Automotive Smart Millimeter Wave Radar ICs Distributors List

Table 59. Automotive Smart Millimeter Wave Radar ICs Customer List

Table 60. Global Automotive Smart Millimeter Wave Radar ICs Sales Forecast by Region (2027-2032) & (Million Units)

Table 61. Global Automotive Smart Millimeter Wave Radar ICs Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 62. Americas Automotive Smart Millimeter Wave Radar ICs Sales Forecast by Country (2027-2032) & (Million Units)

Table 63. Americas Automotive Smart Millimeter Wave Radar ICs Annual Revenue

Forecast by Country (2027-2032) & (\$ millions)

Table 64. APAC Automotive Smart Millimeter Wave Radar ICs Sales Forecast by Region (2027-2032) & (Million Units)

Table 65. APAC Automotive Smart Millimeter Wave Radar ICs Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 66. Europe Automotive Smart Millimeter Wave Radar ICs Sales Forecast by Country (2027-2032) & (Million Units)

Table 67. Europe Automotive Smart Millimeter Wave Radar ICs Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 68. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales Forecast by Country (2027-2032) & (Million Units)

Table 69. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 70. Global Automotive Smart Millimeter Wave Radar ICs Sales Forecast by Type (2027-2032) & (Million Units)

Table 71. Global Automotive Smart Millimeter Wave Radar ICs Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 72. Global Automotive Smart Millimeter Wave Radar ICs Sales Forecast by Application (2027-2032) & (Million Units)

Table 73. Global Automotive Smart Millimeter Wave Radar ICs Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 74. Texas Instruments (TI) Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 75. Texas Instruments (TI) Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 76. Texas Instruments (TI) Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 77. Texas Instruments (TI) Main Business

Table 78. Texas Instruments (TI) Latest Developments

Table 79. Infineon Technologies Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 80. Infineon Technologies Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 81. Infineon Technologies Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 82. Infineon Technologies Main Business

Table 83. Infineon Technologies Latest Developments

Table 84. NXP Semiconductors Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 85. NXP Semiconductors Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 86. NXP Semiconductors Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 87. NXP Semiconductors Main Business

Table 88. NXP Semiconductors Latest Developments

Table 89. Analog Devices (ADI) Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 90. Analog Devices (ADI) Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 91. Analog Devices (ADI) Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 92. Analog Devices (ADI) Main Business

Table 93. Analog Devices (ADI) Latest Developments

Table 94. STMicroelectronics Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 95. STMicroelectronics Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 96. STMicroelectronics Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 97. STMicroelectronics Main Business

Table 98. STMicroelectronics Latest Developments

Table 99. Uhnder Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 100. Uhnder Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 101. Uhnder Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 102. Uhnder Main Business

Table 103. Uhnder Latest Developments

Table 104. Asahi Kasei Microdevices Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 105. Asahi Kasei Microdevices Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 106. Asahi Kasei Microdevices Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 107. Asahi Kasei Microdevices Main Business

Table 108. Asahi Kasei Microdevices Latest Developments

Table 109. Renesas Electronics Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 110. Renesas Electronics Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 111. Renesas Electronics Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 112. Renesas Electronics Main Business

Table 113. Renesas Electronics Latest Developments

Table 114. Onsemi Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 115. Onsemi Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 116. Onsemi Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 117. Onsemi Main Business

Table 118. Onsemi Latest Developments

Table 119. Calterah Semiconductor Technology Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 120. Calterah Semiconductor Technology Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 121. Calterah Semiconductor Technology Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 122. Calterah Semiconductor Technology Main Business

Table 123. Calterah Semiconductor Technology Latest Developments

Table 124. Hangzhou Andar TECHNOLOGIES Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 125. Hangzhou Andar TECHNOLOGIES Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 126. Hangzhou Andar TECHNOLOGIES Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 127. Hangzhou Andar TECHNOLOGIES Main Business

Table 128. Hangzhou Andar TECHNOLOGIES Latest Developments

Table 129. Sijie Microelectronics Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 130. Sijie Microelectronics Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 131. Sijie Microelectronics Automotive Smart Millimeter Wave Radar ICs Sales

(Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 132. Sijie Microelectronics Main Business

Table 133. Sijie Microelectronics Latest Developments

Table 134. Beijing Micro-Degree Core Innovation Technology Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 135. Beijing Micro-Degree Core Innovation Technology Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 136. Beijing Micro-Degree Core Innovation Technology Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 137. Beijing Micro-Degree Core Innovation Technology Main Business

Table 138. Beijing Micro-Degree Core Innovation Technology Latest Developments

Table 139. Beijing Chengde Micro Integrated Circuit Technology Basic Information, Automotive Smart Millimeter Wave Radar ICs Manufacturing Base, Sales Area and Its Competitors

Table 140. Beijing Chengde Micro Integrated Circuit Technology Automotive Smart Millimeter Wave Radar ICs Product Portfolios and Specifications

Table 141. Beijing Chengde Micro Integrated Circuit Technology Automotive Smart Millimeter Wave Radar ICs Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 142. Beijing Chengde Micro Integrated Circuit Technology Main Business

Table 143. Beijing Chengde Micro Integrated Circuit Technology Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Automotive Smart Millimeter Wave Radar ICs
- Figure 2. Automotive Smart Millimeter Wave Radar ICs Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Automotive Smart Millimeter Wave Radar ICs Sales Growth Rate 2021-2032 (Million Units)
- Figure 7. Global Automotive Smart Millimeter Wave Radar ICs Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Automotive Smart Millimeter Wave Radar ICs Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Country/Region (2025)
- Figure 10. Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of 24GHz
- Figure 12. Product Picture of 60GHz
- Figure 13. Product Picture of 77GHz
- Figure 14. Product Picture of Others
- Figure 15. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Type in 2026
- Figure 16. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Type (2021-2026)
- Figure 17. Automotive Smart Millimeter Wave Radar ICs Consumed in Passenger Cars
- Figure 18. Global Automotive Smart Millimeter Wave Radar ICs Market: Passenger Cars (2021-2026) & (Million Units)
- Figure 19. Automotive Smart Millimeter Wave Radar ICs Consumed in Commercial Vehicles
- Figure 20. Global Automotive Smart Millimeter Wave Radar ICs Market: Commercial Vehicles (2021-2026) & (Million Units)
- Figure 21. Global Automotive Smart Millimeter Wave Radar ICs Sale Market Share by Application (2025)
- Figure 22. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Application in 2026
- Figure 23. Automotive Smart Millimeter Wave Radar ICs Sales by Company in 2026

(Million Units)

Figure 24. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Company in 2026

Figure 25. Automotive Smart Millimeter Wave Radar ICs Revenue by Company in 2026 (\$ millions)

Figure 26. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Company in 2026

Figure 27. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Geographic Region (2021-2026)

Figure 28. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Geographic Region in 2026

Figure 29. Americas Automotive Smart Millimeter Wave Radar ICs Sales 2021-2026 (Million Units)

Figure 30. Americas Automotive Smart Millimeter Wave Radar ICs Revenue 2021-2026 (\$ millions)

Figure 31. APAC Automotive Smart Millimeter Wave Radar ICs Sales 2021-2026 (Million Units)

Figure 32. APAC Automotive Smart Millimeter Wave Radar ICs Revenue 2021-2026 (\$ millions)

Figure 33. Europe Automotive Smart Millimeter Wave Radar ICs Sales 2021-2026 (Million Units)

Figure 34. Europe Automotive Smart Millimeter Wave Radar ICs Revenue 2021-2026 (\$ millions)

Figure 35. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales 2021-2026 (Million Units)

Figure 36. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Revenue 2021-2026 (\$ millions)

Figure 37. Americas Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Country in 2026

Figure 38. Americas Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Country (2021-2026)

Figure 39. Americas Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Type (2021-2026)

Figure 40. Americas Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Application (2021-2026)

Figure 41. United States Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 42. Canada Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 43. Mexico Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 44. Brazil Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 45. APAC Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Region in 2026

Figure 46. APAC Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Region (2021-2026)

Figure 47. APAC Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Type (2021-2026)

Figure 48. APAC Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Application (2021-2026)

Figure 49. China Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 50. Japan Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 51. South Korea Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 52. Southeast Asia Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 53. India Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 54. Australia Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 55. China Taiwan Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 56. Europe Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Country in 2026

Figure 57. Europe Automotive Smart Millimeter Wave Radar ICs Revenue Market Share by Country (2021-2026)

Figure 58. Europe Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Type (2021-2026)

Figure 59. Europe Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Application (2021-2026)

Figure 60. Germany Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 61. France Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 62. UK Automotive Smart Millimeter Wave Radar ICs Revenue Growth

2021-2026 (\$ millions)

Figure 63. Italy Automotive Smart Millimeter Wave Radar ICs Revenue Growth

2021-2026 (\$ millions)

Figure 64. Russia Automotive Smart Millimeter Wave Radar ICs Revenue Growth

2021-2026 (\$ millions)

Figure 65. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Country (2021-2026)

Figure 66. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Type (2021-2026)

Figure 67. Middle East & Africa Automotive Smart Millimeter Wave Radar ICs Sales Market Share by Application (2021-2026)

Figure 68. Egypt Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 69. South Africa Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 70. Israel Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 71. Turkey Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 72. GCC Countries Automotive Smart Millimeter Wave Radar ICs Revenue Growth 2021-2026 (\$ millions)

Figure 73. Manufacturing Cost Structure Analysis of Automotive Smart Millimeter Wave Radar ICs in 2026

Figure 74. Manufacturing Process Analysis of Automotive Smart Millimeter Wave Radar ICs

Figure 75. Industry Chain Structure of Automotive Smart Millimeter Wave Radar ICs

Figure 76. Channels of Distribution

Figure 77. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Forecast by Region (2027-2032)

Figure 78. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share Forecast by Region (2027-2032)

Figure 79. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share Forecast by Type (2027-2032)

Figure 80. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share Forecast by Type (2027-2032)

Figure 81. Global Automotive Smart Millimeter Wave Radar ICs Sales Market Share Forecast by Application (2027-2032)

Figure 82. Global Automotive Smart Millimeter Wave Radar ICs Revenue Market Share Forecast by Application (2027-2032)

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