+357 96 030922
info@marketpublishers.com

Global Millimeter Wave Radar Transceiver Chips for Automotive Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

https://marketpublishers.com/r/G888A3AD557FEN.html
Date: September 2025
Pages: 138
Price: US$ 3,480.00 (Single User License)
ID: G888A3AD557FEN

Abstracts

According to our (Global Info Research) latest study, the global Millimeter Wave Radar Transceiver Chips for Automotive market size was valued at US$ 6937 million in 2024 and is forecast to a readjusted size of USD 16870 million by 2031 with a CAGR of 13.3% during review period.

Millimeter Wave (mmWave) Radar Transceiver Chips for Automotive are specialized integrated circuits that enable high-resolution radar sensing for Advanced Driver Assistance Systems (ADAS) and autonomous driving. These chips operate in the 76–81 GHz frequency band, offering long-range, accurate, and real-time detection of objects and vehicles in all weather and lighting conditions.

This report is a detailed and comprehensive analysis for global Millimeter Wave Radar Transceiver Chips for Automotive market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Key Features:

+357 96 030922
info@marketpublishers.com

Global Millimeter Wave Radar Transceiver Chips for Automotive market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Millimeter Wave Radar Transceiver Chips for Automotive market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Millimeter Wave Radar Transceiver Chips for Automotive market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Millimeter Wave Radar Transceiver Chips for Automotive market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Millimeter Wave Radar Transceiver Chips for Automotive
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Millimeter Wave Radar Transceiver Chips for Automotive market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TI, Infineon, NXP Semiconductors, STMicroelectronics, Uhnder, Analog Devices, Renesas, ON Semiconductor, Asahi Kasei Microdevices, Gatlin Microelectronics Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Millimeter Wave Radar Transceiver Chips for Automotive market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms

+357 96 030922
info@marketpublishers.com

of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

- 24GHz
- 77GHz
- Others

Market segment by Application

- Passenger Cars
- Commercial Vehicles

Major players covered

- TI
- Infineon
- NXP Semiconductors
- STMicroelectronics
- Uhnder
- Analog Devices
- Renesas
- ON Semiconductor
- Asahi Kasei Microdevices

+357 96 030922
info@marketpublishers.com

Gatlin Microelectronics Technology

ANDAR TECHNOLOGIES

Micro-Degree Core Innovation

Sijie Microelectronics

Shengde Micro Integrated Circuit Technology

Citta Microelectronics

Maikeke Microelectronics Technology

Skarelli (Beijing) Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Millimeter Wave Radar Transceiver Chips for Automotive product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Millimeter Wave Radar Transceiver Chips for Automotive, with price, sales quantity, revenue, and global market share of Millimeter Wave Radar Transceiver Chips for Automotive from 2020 to 2025.

Chapter 3, the Millimeter Wave Radar Transceiver Chips for Automotive competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

+357 96 030922
info@marketpublishers.com

Chapter 4, the Millimeter Wave Radar Transceiver Chips for Automotive breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025.and Millimeter Wave Radar Transceiver Chips for Automotive market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Millimeter Wave Radar Transceiver Chips for Automotive.

Chapter 14 and 15, to describe Millimeter Wave Radar Transceiver Chips for Automotive sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

3 COMPETITIVE ENVIRONMENT: MILLIMETER WAVE RADAR TRANSCEIVER CHIPS FOR AUTOMOTIVE BY MANUFACTURER

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology
16.2 Research Process and Data Source
16.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Millimeter Wave Radar Transceiver Chips for Automotive Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: https://marketpublishers.com/r/G888A3AD557FEN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G888A3AD557FEN.html