+44 20 8123 2220
info@marketpublishers.com

Millimeter Wave Radar IC Market Report: Trends, Forecast and Competitive Analysis

https://marketpublishers.com/r/M86030030BB0EN.html
Date: January 2020
Pages: 165
Price: US$ 4,850.00 (Single User License)
ID: M86030030BB0EN

Abstracts

The future of the global millimeter wave (mmWave) radar IC market looks attractive with opportunities in the automotive, telecommunications, security & imaging, and healthcare industries. The global millimeter wave radar IC market is expected to reach an estimated $1.3 billion by 2025 with a CAGR of 16.9% from 2020 to 2025. The major drivers for the growth of this market are increase in the adoption of advanced driver assistance systems (ADAS) technology by OEMs and increasing usage of millimeter wave in small-cell backhaul networks.

Emerging trends, which have a direct impact on the dynamics of the millimeter wave radar IC industry, include introduction of CMOS RF transceiver and increasing usage in the satellite communication.

A total of 96 figures/charts and 87 tables are provided in this 165 -page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of millimeter wave radar IC market report download the report brochure.

The study includes the millimeter wave radar IC market size and forecast for the global millimeter wave radar IC market through 2025, segmented by product type, frequency range, technology, end use industry, and the region as follows:

Millimeter Wave Radar IC Market by End Use Industry [$M and M unit shipment analysis from 2014 to 2025]:

Automotive

+44 20 8123 2220
info@marketpublishers.com

Telecommunication

Security & Imaging

Healthcare

Others

Millimeter Wave Radar IC Market by Product Type [$M and M unit shipment analysis from 2014 to 2025]:

24 GHz.

77 GHz. and Others

Millimeter Wave Radar IC Market by Frequency Range [$M shipment analysis from 2014 to 2025]:

Short and Medium wave

Long-Range

Millimeter Wave Radar IC Market by Technology [$M shipment analysis from 2014 to 2025]:

GaAs

SiGe BiCMOS

RF CMOS

Millimeter Wave Radar IC Market by Region [$M and M unit shipment analysis for 2014 – 2025]:

North America

+44 20 8123 2220
info@marketpublishers.com

United States

Canada

Mexico

Europe

United Kingdom

Germany

Asia Pacific

Japan

China

The Rest of the World

Some of the mmWave radar IC companies profiled in this report include Infineon Technologies AG, NXP Semiconductors N.V. Texas Instruments, United Monolithic Semiconductors, and Mitsubishi Electric Corporation and others.

In this market, two types of products, such as 24 GHz. and 77 GHz. and others are used. 77 GHz. type mm Wave radar IC is expected to witness the highest growth during the forecast period due to its wider bandwidth, improve range resolution and accuracy. Due to their increased signal bandwidth, they have the capability to distinguish between diverse objects and also offer high resolution.

The global millimeter wave (mmWave) radar IC market is being used in various end use industries, such as automotive, telecommunication, security & imaging, healthcare, and others. Automotive will remain the largest end use industry during the forecast period. Telecommunication is expected to witness the highest growth over the forecast period due to growing usage of mm wave radar IC in high-speed wireless broadband communications.

+44 20 8123 2220
info@marketpublishers.com

North America is the largest region by value and volume due to stringent government regulations on safety and increasing demand of autonomous vehicles. Europe is expected to witness the highest growth over the forecast period supported by increasing adoption of ADAS technology by OEMs and government regulations on safety of vehicles.

Some of the features of “Millimeter Wave Radar IC Market Report: Trends, Forecast and Competitive Analysis” include:

Market size estimates: Millimeter wave radar IC market size estimation in terms of value ($M) and volume (M units) shipment.

Trend and forecast analysis: Market trend (2014-2019) and forecast (2020-2025) by region, application and end user industry

Segmentation analysis: Millimeter wave radar IC market size by product type, frequency range, technology, and end use industry type in terms of value and volume shipment.

Regional analysis: Millimeter wave radar IC market breakdown by key regions such as North America, Europe, and Asia & Rest of World.

Growth opportunities: Analysis on growth opportunities in different applications and regions of millimeter wave radar IC in the millimeter wave radar IC market.

Strategic analysis: This includes M&A, new product development, and competitive landscape of millimeter wave radar IC in the millimeter wave radar IC market.

Analysis of competitive intensity of the industry based on Porter’s Five Forces model.

This report answers the following 11 key questions:

Q.1 What are some of the most promising, high-growth opportunities for the global millimeter wave radar IC by product type (24 GHz.and 77 GHz. and others), by frequency range (Short and Medium, Long-Range), by Technology (GaAs, RF CMOS, and SiGe BiCMOS), by end use industry (Automotive, Telecommunication, Security &

+44 20 8123 2220
info@marketpublishers.com

Imaging, Healthcare, and Others), and by region (North America, Europe, Asia Pacific, and the Rest of the World)?
Q.2 Which segments will grow at a faster pace and why?
Q.3 Which regions will grow at a faster pace and why?
Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the millimeter wave radar IC market?
Q.5 What are the business risks and threats to the millimeter wave radar IC market?
Q.6 What are the emerging trends in this millimeter wave radar IC market and the reasons behind them?
Q.7 What are some changing demands of customers in the millimeter wave radar IC market?
Q.8 What are the new developments in the millimeter wave radar IC market? Which companies are leading these developments?
Q.9 Who are the major players in this millimeter wave radar IC market? What strategic initiatives are being implemented by key players for business growth?
Q.10 What are some of the competitive products and processes in this millimeter wave radar IC area and how big of a threat do they pose for loss of market share via product substitution?
Q.11 What M&A activity has occurred in the last 5 years in this millimeter wave radar IC market?

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2013 TO 2024

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

CHAPTER 1. EXECUTIVE SUMMARY

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2013 TO 2024

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Millimeter Wave Radar IC Market Report: Trends, Forecast and Competitive Analysis
Product link: https://marketpublishers.com/r/M86030030BB0EN.html
Price: US$ 4,850.00 (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/M86030030BB0EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970