

Global Automotive Millimeter Wave Radar Chip Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Automotive Millimeter Wave Radar Chip market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Automotive Millimeter Wave Radar Chips are microwave radar chips used in automotive safety systems. These chips use electromagnetic waves in the millimeter wave frequency range to detect objects around a vehicle, helping drivers avoid collisions and other dangerous situations.

Millimeter-wave radar chips typically consist of a radio frequency front-end and a digital signal processor. The front-end is responsible for receiving and transmitting millimeter-wave signals and converting them into digital signals for processing by the digital signal processor. The digital signal processor decodes the radar return signals and converts them into useful information such as the position, velocity, and size of objects.

These chips play an important role in automotive safety systems such as adaptive cruise control, collision warning, and automatic emergency braking. They can help improve driver safety and reduce the occurrence of traffic accidents.

This report studies the global Automotive Millimeter Wave Radar Chip production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Millimeter Wave Radar Chip, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive Millimeter

Wave Radar Chip that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Millimeter Wave Radar Chip total production and demand, 2018-2029, (K Units)

Global Automotive Millimeter Wave Radar Chip total production value, 2018-2029, (USD Million)

Global Automotive Millimeter Wave Radar Chip production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Millimeter Wave Radar Chip consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Automotive Millimeter Wave Radar Chip domestic production, consumption, key domestic manufacturers and share

Global Automotive Millimeter Wave Radar Chip production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Automotive Millimeter Wave Radar Chip production by Frequency, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Millimeter Wave Radar Chip production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Automotive Millimeter Wave Radar Chip market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Fujitsu, Asahi Kasei Microdevices Corporation, Infineon Technologies AG, Mitsubishi Electric Corporation, Maxim Integrated, NOVELIC, United Monolithic Semiconductors, NXP Semiconductors N.V. and Texas Instruments, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Millimeter Wave Radar Chip market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Frequency, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Automotive Millimeter Wave Radar Chip Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Millimeter Wave Radar Chip Market, Segmentation by Frequency

24GHz

77GHz

79GHz

Others

Global Automotive Millimeter Wave Radar Chip Market, Segmentation by Application

Autonomous Driving

Blind Spot Monitoring

Emergency Braking

Collision Warning

Companies Profiled:

Fujitsu

Asahi Kasei Microdevices Corporation

Infineon Technologies AG

Mitsubishi Electric Corporation

Maxim Integrated

NOVELIC

United Monolithic Semiconductors

NXP Semiconductors N.V.

Texas Instruments

MediaTek Inc

AndarTechs

Key Questions Answered

1. How big is the global Automotive Millimeter Wave Radar Chip market?
2. What is the demand of the global Automotive Millimeter Wave Radar Chip market?
3. What is the year over year growth of the global Automotive Millimeter Wave Radar Chip market?
4. What is the production and production value of the global Automotive Millimeter Wave Radar Chip market?
5. Who are the key producers in the global Automotive Millimeter Wave Radar Chip market?
6. What are the growth factors driving the market demand?

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