

Global Radio Frequency Components Market Size study & Forecast, by Product (Filters, Duplexer, Power Amplifiers, Antenna Switches, Modulators & Demodulators, Others) by Application (Consumer Electronics, Automotive, Military, Wireless Communication) and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/G376C04F482AEN.html>

Date: February 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G376C04F482AEN

Abstracts

Global Radio Frequency Components Market is valued approximately USD 26.87 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 14.20% over the forecast period 2022-2029. Communication tools with built-in connectivity to the electromagnetic spectrum linked to radio wave propagation are known as radio frequency components. These parts are frequently utilised for communication. The ongoing shift from 2G, LTE-Advanced, 3G to 4G/LTE, LTE-Advanced Pro, and 5G, along with ongoing developments and advancements in mobile handset technology, have increased the demand for mobile devices with the highest possible power efficiency and spectrum range. Consequently, it is anticipated that during the forecast period, demand for radio frequency (RF) components will increase. Along with this, rising demand for computer connectivity is also driving the growth for the market over the forecast period.

For instance, between 2018 and 2021, the retail sales of consumer electronics (CE) in the US market grew steadily. According to Statista, retail sales of consumer electronics in the United States would total 505 billion dollars by 2022. The consumer electronics industry's top-selling items in terms of retail sales were smartphones. Along with this, as mentioned above the demand for connected devices is rising which is driving the growth for the market over the forecast period 2022-2029. For example, there are 51% of UK households with Internet Connected Smart TVs. Followed by Smart speakers being

deployed in 22% of households. The internet connected Smart TV has been increasing in percentage as in 2014 the penetration percentage of smart TVs in UK households were only 11% and this has increased up to 50% in 2020. Thus, significant growth has been witnessed in the market revenue. Moreover, the rising number of radio frequency components application is creating lucrative growth opportunity for the market over the forecast period. However, the high cost of Radio Frequency Components stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Radio Frequency Components Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. With the biggest largest share in 2021 and the region growth with fastest growth rate over the projection period, is Asia Pacific was the leading regional market. The rise in demand for radio frequency components in consumer electronics applications is attributed to the growth. Power amplifiers and duplexers are being used in an increasing number of gadgets, including computers, tablets, and mobile phones. For frequency up and down conversion, radio frequency components are utilised. In order to be used in GSM, the radio frequency down converter transforms the radio frequency signal into a baseband signal.

Major market player included in this report are:

Analog Devices Inc.

Broadcom, Inc.

Fujitsu Limited

International Quantum Epitaxy Plc

NXP Semiconductors N.V.

Renesas Electronics Corporation

Murata Manufacturing Co. Limited

Taiwan Semiconductor Manufacturing Co. Limited

Texas Instruments, Inc.

TDK Corporation.

Recent Developments in the Market:

In October 2022, MaxLinear a company based in the United States has started a partnership with RFHIC for the development of radio frequency components for microwave.

Global Radio Frequency Components Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Product, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Filters

Duplexer

Power Amplifiers

Antenna Switches

Modulators & Demodulators

Others

By Application:

Consumer Electronics

Automotive

Military

Wireless Communication

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Radio Frequency Components Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Radio Frequency Components Market, by Product, 2019-2029 (USD Billion)
 - 1.2.3. Radio Frequency Components Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL RADIO FREQUENCY COMPONENTS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL RADIO FREQUENCY COMPONENTS MARKET DYNAMICS

- 3.1. Radio Frequency Components Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising production of smart phones
 - 3.1.1.2. Rising demand for computer connectivity
 - 3.1.2. Market Challenges
 - 3.1.2.1. High cost of Radio Frequency Components
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing application of radio frequency components

CHAPTER 4. GLOBAL RADIO FREQUENCY COMPONENTS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers

- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL RADIO FREQUENCY COMPONENTS MARKET, BY PRODUCT

- 6.1. Market Snapshot
- 6.2. Global Radio Frequency Components Market by Product, Performance - Potential Analysis
- 6.3. Global Radio Frequency Components Market Estimates & Forecasts by Product 2019-2029 (USD Billion)
- 6.4. Radio Frequency Components Market, Sub Segment Analysis
 - 6.4.1. Filters
 - 6.4.2. Duplexer
 - 6.4.3. Power Amplifiers
 - 6.4.4. Antenna Switches
 - 6.4.5. Modulators & Demodulators
 - 6.4.6. Others

CHAPTER 7. GLOBAL RADIO FREQUENCY COMPONENTS MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Radio Frequency Components Market by Application, Performance - Potential Analysis
- 7.3. Global Radio Frequency Components Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 7.4. Radio Frequency Components Market, Sub Segment Analysis
 - 7.4.1. Consumer Electronics
 - 7.4.2. Automotive
 - 7.4.3. Military
 - 7.4.4. Wireless Communication

CHAPTER 8. GLOBAL RADIO FREQUENCY COMPONENTS MARKET, REGIONAL ANALYSIS

- 8.1. Radio Frequency Components Market, Regional Market Snapshot
- 8.2. North America Radio Frequency Components Market
 - 8.2.1. U.S. Radio Frequency Components Market
 - 8.2.1.1. Product breakdown estimates & forecasts, 2019-2029
 - 8.2.1.2. Application breakdown estimates & forecasts, 2019-2029
 - 8.2.2. Canada Radio Frequency Components Market
- 8.3. Europe Radio Frequency Components Market Snapshot
 - 8.3.1. U.K. Radio Frequency Components Market
 - 8.3.2. Germany Radio Frequency Components Market
 - 8.3.3. France Radio Frequency Components Market
 - 8.3.4. Spain Radio Frequency Components Market
 - 8.3.5. Italy Radio Frequency Components Market
 - 8.3.6. Rest of Europe Radio Frequency Components Market
- 8.4. Asia-Pacific Radio Frequency Components Market Snapshot
 - 8.4.1. China Radio Frequency Components Market
 - 8.4.2. India Radio Frequency Components Market
 - 8.4.3. Japan Radio Frequency Components Market
 - 8.4.4. Australia Radio Frequency Components Market
 - 8.4.5. South Korea Radio Frequency Components Market
 - 8.4.6. Rest of Asia Pacific Radio Frequency Components Market
- 8.5. Latin America Radio Frequency Components Market Snapshot
 - 8.5.1. Brazil Radio Frequency Components Market
 - 8.5.2. Mexico Radio Frequency Components Market
- 8.6. Rest of The World Radio Frequency Components Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Analog Devices Inc.

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

9.2.1.4. Product Summary

9.2.1.5. Recent Developments

9.2.2. Broadcom, Inc.

9.2.3. Fujitsu Limited

9.2.4. International Quantum Epitaxy Plc

9.2.5. NXP Semiconductors N.V.

9.2.6. Renesas Electronics Corporation

9.2.7. Murata Manufacturing Co. Limited

9.2.8. Taiwan Semiconductor Manufacturing Co. Limited

9.2.9. Texas Instruments, Inc.

9.2.10. TDK Corporation.

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

- TABLE 1. Global Radio Frequency Components Market, report scope
- TABLE 2. Global Radio Frequency Components Market estimates & forecasts by Region 2019-2029 (USD Billion)
- TABLE 3. Global Radio Frequency Components Market estimates & forecasts by Product 2019-2029 (USD Billion)
- TABLE 4. Global Radio Frequency Components Market estimates & forecasts by Application 2019-2029 (USD Billion)
- TABLE 5. Global Radio Frequency Components Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 6. Global Radio Frequency Components Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 7. Global Radio Frequency Components Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 8. Global Radio Frequency Components Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 9. Global Radio Frequency Components Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 10. Global Radio Frequency Components Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 11. Global Radio Frequency Components Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 12. Global Radio Frequency Components Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 13. Global Radio Frequency Components Market by segment, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 14. Global Radio Frequency Components Market by region, estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 15. U.S. Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 16. U.S. Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 17. U.S. Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 18. Canada Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Radio Frequency Components Market estimates & forecasts by

segment 2019-2029 (USD Billion)

TABLE 39. China Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Mexico Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 61. Mexico Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. RoLA Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 64. RoLA Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. RoLA Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. Row Radio Frequency Components Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. Row Radio Frequency Components Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Radio Frequency Components Market

TABLE 70. List of primary sources, used in the study of global Radio Frequency Components Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Radio Frequency Components Market, research methodology
- FIG 2. Global Radio Frequency Components Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Radio Frequency Components Market, key trends 2021
- FIG 5. Global Radio Frequency Components Market, growth prospects 2022-2029
- FIG 6. Global Radio Frequency Components Market, porters 5 force model
- FIG 7. Global Radio Frequency Components Market, pest analysis
- FIG 8. Global Radio Frequency Components Market, value chain analysis
- FIG 9. Global Radio Frequency Components Market by segment, 2019 & 2029 (USD Billion)
- FIG 10. Global Radio Frequency Components Market by segment, 2019 & 2029 (USD Billion)
- FIG 11. Global Radio Frequency Components Market by segment, 2019 & 2029 (USD Billion)
- FIG 12. Global Radio Frequency Components Market by segment, 2019 & 2029 (USD Billion)
- FIG 13. Global Radio Frequency Components Market by segment, 2019 & 2029 (USD Billion)
- FIG 14. Global Radio Frequency Components Market, regional snapshot 2019 & 2029
- FIG 15. North America Radio Frequency Components Market 2019 & 2029 (USD Billion)
- FIG 16. Europe Radio Frequency Components Market 2019 & 2029 (USD Billion)
- FIG 17. Asia pacific Radio Frequency Components Market 2019 & 2029 (USD Billion)
- FIG 18. Latin America Radio Frequency Components Market 2019 & 2029 (USD Billion)
- FIG 19. Global Radio Frequency Components Market, company Market share analysis (2021)

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Radio Frequency Components Market Size study & Forecast, by Product (Filters, Duplexer, Power Amplifiers, Antenna Switches, Modulators & Demodulators, Others) by Application (Consumer Electronics, Automotive, Military, Wireless Communication) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/G376C04F482AEN.html>

Price: US\$ 4,950.00 (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/G376C04F482AEN.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**

Customer 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