

# Global Radio Frequency (RF) Modules Market Growth 2024-2030

<https://marketpublishers.com/r/G92F418B3BBBEN.html>

Date: January 2024

Pages: 116

Price: US\$ 3,660.00 (Single User License)

ID: G92F418B3BBBEN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global Radio Frequency (RF) Modules market size was valued at US\$ 11570 million in 2023. With growing demand in downstream market, the Radio Frequency (RF) Modules is forecast to a readjusted size of US\$ 18500 million by 2030 with a CAGR of 6.9% during review period.

The research report highlights the growth potential of the global Radio Frequency (RF) Modules market. Radio Frequency (RF) Modules are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Radio Frequency (RF) Modules. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Radio Frequency (RF) Modules market.

The RF module integrates two or more discrete devices such as RF switches, low noise amplifiers, filters, duplexers and power amplifiers into a module, so as to improve the integration and performance and miniaturize the volume. According to different integration methods, it can be divided into DiFEM (integrated RF switch and filter), LFEM(integrated RF switch, low noise amplifier and filter), FEMiD (integrated RF switch, filter and duplex), PAMiD (integrated multi-mode and multi-band PA and FEMiD) and other module combinations.

Global radio frequency (RF) modules (RMMs) key players include Sigma (U.S.), Videotron (China) and Broadcom (U.S.), with the top four players holding more than 70% share. North America is the largest market with about 33% share, followed by

Europe and China with more than 21% and 18% share. PA module is the largest segment with about 47% share. Smartphones are the largest application, with a share of about 35%.

#### Key Features:

The report on Radio Frequency (RF) Modules market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the Radio Frequency (RF) Modules market. It may include historical data, market segmentation by Type (e.g., PA Module, FEM module), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Radio Frequency (RF) Modules market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the Radio Frequency (RF) Modules market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the Radio Frequency (RF) Modules industry. This include advancements in Radio Frequency (RF) Modules technology, Radio Frequency (RF) Modules new entrants, Radio Frequency (RF) Modules new investment, and other innovations that are shaping the future of Radio Frequency (RF) Modules.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the Radio Frequency (RF) Modules market. It includes factors influencing customer ' purchasing decisions, preferences for Radio Frequency (RF) Modules product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the Radio Frequency (RF) Modules market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and

other measures aimed at promoting Radio Frequency (RF) Modules market. The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the Radio Frequency (RF) Modules market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the Radio Frequency (RF) Modules industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Radio Frequency (RF) Modules market.

**Market Segmentation:**

Radio Frequency (RF) Modules market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

**Segmentation by type**

PA Module

FEM module

Wi-Fi Module

AIP Module

**Segmentation by application**

Smart Phone

Tablets and Wearables

Industrial Communication

Automotive

Aerospace and Defense

Healthcare

Others

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 analyzing the company's coverage, product portfolio, its market penetration.

Skyworks Solutions

Qualcomm

Qorvo

Broadcom

Murata Manufacturing

NXP Semiconductors

Infineon Technologies

Digi International

Vanchip (Tianjin) Technology

Maxscend Technologies

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Radio Frequency (RF) Modules market?

What factors are driving Radio Frequency (RF) Modules market growth, globally and by region?

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

How do Radio Frequency (RF) Modules market opportunities vary by end market size?

How does Radio Frequency (RF) Modules break out type, 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 Radio Frequency (RF) Modules Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for Radio Frequency (RF) Modules by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for Radio Frequency (RF) Modules by Country/Region, 2019, 2023 & 2030
- 2.2 Radio Frequency (RF) Modules Segment by Type
  - 2.2.1 PA Module
  - 2.2.2 FEM module
  - 2.2.3 Wi-Fi Module
  - 2.2.4 AIP Module
- 2.3 Radio Frequency (RF) Modules Sales by Type
  - 2.3.1 Global Radio Frequency (RF) Modules Sales Market Share by Type (2019-2024)
  - 2.3.2 Global Radio Frequency (RF) Modules Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global Radio Frequency (RF) Modules Sale Price by Type (2019-2024)
- 2.4 Radio Frequency (RF) Modules Segment by Application
  - 2.4.1 Smart Phone
  - 2.4.2 Tablets and Wearables
  - 2.4.3 Industrial Communication
  - 2.4.4 Automotive
  - 2.4.5 Aerospace and Defense
  - 2.4.6 Healthcare
  - 2.4.7 Others

## 2.5 Radio Frequency (RF) Modules Sales by Application

2.5.1 Global Radio Frequency (RF) Modules Sale Market Share by Application (2019-2024)

2.5.2 Global Radio Frequency (RF) Modules Revenue and Market Share by Application (2019-2024)

2.5.3 Global Radio Frequency (RF) Modules Sale Price by Application (2019-2024)

## **3 GLOBAL RADIO FREQUENCY (RF) MODULES BY COMPANY**

### 3.1 Global Radio Frequency (RF) Modules Breakdown Data by Company

3.1.1 Global Radio Frequency (RF) Modules Annual Sales by Company (2019-2024)

3.1.2 Global Radio Frequency (RF) Modules Sales Market Share by Company (2019-2024)

### 3.2 Global Radio Frequency (RF) Modules Annual Revenue by Company (2019-2024)

3.2.1 Global Radio Frequency (RF) Modules Revenue by Company (2019-2024)

3.2.2 Global Radio Frequency (RF) Modules Revenue Market Share by Company (2019-2024)

### 3.3 Global Radio Frequency (RF) Modules Sale Price by Company

### 3.4 Key Manufacturers Radio Frequency (RF) Modules Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Radio Frequency (RF) Modules Product Location Distribution

3.4.2 Players Radio Frequency (RF) Modules Products Offered

### 3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

### 3.6 New Products and Potential Entrants

### 3.7 Mergers & Acquisitions, Expansion

## **4 WORLD HISTORIC REVIEW FOR RADIO FREQUENCY (RF) MODULES BY GEOGRAPHIC REGION**

### 4.1 World Historic Radio Frequency (RF) Modules Market Size by Geographic Region (2019-2024)

4.1.1 Global Radio Frequency (RF) Modules Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Radio Frequency (RF) Modules Annual Revenue by Geographic Region (2019-2024)

### 4.2 World Historic Radio Frequency (RF) Modules Market Size by Country/Region (2019-2024)



4.2.1 Global Radio Frequency (RF) Modules Annual Sales by Country/Region (2019-2024)

4.2.2 Global Radio Frequency (RF) Modules Annual Revenue by Country/Region (2019-2024)

4.3 Americas Radio Frequency (RF) Modules Sales Growth

4.4 APAC Radio Frequency (RF) Modules Sales Growth

4.5 Europe Radio Frequency (RF) Modules Sales Growth

4.6 Middle East & Africa Radio Frequency (RF) Modules Sales Growth

## **5 AMERICAS**

5.1 Americas Radio Frequency (RF) Modules Sales by Country

5.1.1 Americas Radio Frequency (RF) Modules Sales by Country (2019-2024)

5.1.2 Americas Radio Frequency (RF) Modules Revenue by Country (2019-2024)

5.2 Americas Radio Frequency (RF) Modules Sales by Type

5.3 Americas Radio Frequency (RF) Modules Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Radio Frequency (RF) Modules Sales by Region

6.1.1 APAC Radio Frequency (RF) Modules Sales by Region (2019-2024)

6.1.2 APAC Radio Frequency (RF) Modules Revenue by Region (2019-2024)

6.2 APAC Radio Frequency (RF) Modules Sales by Type

6.3 APAC Radio Frequency (RF) Modules Sales by Application

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 Radio Frequency (RF) Modules by Country

- 7.1.1 Europe Radio Frequency (RF) Modules Sales by Country (2019-2024)
- 7.1.2 Europe Radio Frequency (RF) Modules Revenue by Country (2019-2024)
- 7.2 Europe Radio Frequency (RF) Modules Sales by Type
- 7.3 Europe Radio Frequency (RF) Modules Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Radio Frequency (RF) Modules by Country
  - 8.1.1 Middle East & Africa Radio Frequency (RF) Modules Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Radio Frequency (RF) Modules Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Radio Frequency (RF) Modules Sales by Type
- 8.3 Middle East & Africa Radio Frequency (RF) Modules Sales by Application
- 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 Radio Frequency (RF) Modules
- 10.3 Manufacturing Process Analysis of Radio Frequency (RF) Modules
- 10.4 Industry Chain Structure of Radio Frequency (RF) Modules

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

## 11.1 Sales Channel

### 11.1.1 Direct Channels

### 11.1.2 Indirect Channels

## 11.2 Radio Frequency (RF) Modules Distributors

## 11.3 Radio Frequency (RF) Modules Customer

## **12 WORLD FORECAST REVIEW FOR RADIO FREQUENCY (RF) MODULES BY GEOGRAPHIC REGION**

### 12.1 Global Radio Frequency (RF) Modules Market Size Forecast by Region

#### 12.1.1 Global Radio Frequency (RF) Modules Forecast by Region (2025-2030)

#### 12.1.2 Global Radio Frequency (RF) Modules Annual Revenue Forecast by Region (2025-2030)

### 12.2 Americas Forecast by Country

### 12.3 APAC Forecast by Region

### 12.4 Europe Forecast by Country

### 12.5 Middle East & Africa Forecast by Country

### 12.6 Global Radio Frequency (RF) Modules Forecast by Type

### 12.7 Global Radio Frequency (RF) Modules Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Skyworks Solutions

#### 13.1.1 Skyworks Solutions Company Information

#### 13.1.2 Skyworks Solutions Radio Frequency (RF) Modules Product Portfolios and Specifications

#### 13.1.3 Skyworks Solutions Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.1.4 Skyworks Solutions Main Business Overview

#### 13.1.5 Skyworks Solutions Latest Developments

### 13.2 Qualcomm

#### 13.2.1 Qualcomm Company Information

#### 13.2.2 Qualcomm Radio Frequency (RF) Modules Product Portfolios and Specifications

#### 13.2.3 Qualcomm Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.2.4 Qualcomm Main Business Overview

#### 13.2.5 Qualcomm Latest Developments

### 13.3 Qorvo

13.3.1 Qorvo Company Information

13.3.2 Qorvo Radio Frequency (RF) Modules Product Portfolios and Specifications

13.3.3 Qorvo Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Qorvo Main Business Overview

13.3.5 Qorvo Latest Developments

### 13.4 Broadcom

13.4.1 Broadcom Company Information

13.4.2 Broadcom Radio Frequency (RF) Modules Product Portfolios and Specifications

13.4.3 Broadcom Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Broadcom Main Business Overview

13.4.5 Broadcom Latest Developments

### 13.5 Murata Manufacturing

13.5.1 Murata Manufacturing Company Information

13.5.2 Murata Manufacturing Radio Frequency (RF) Modules Product Portfolios and Specifications

13.5.3 Murata Manufacturing Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 Murata Manufacturing Main Business Overview

13.5.5 Murata Manufacturing Latest Developments

### 13.6 NXP Semiconductors

13.6.1 NXP Semiconductors Company Information

13.6.2 NXP Semiconductors Radio Frequency (RF) Modules Product Portfolios and Specifications

13.6.3 NXP Semiconductors Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 NXP Semiconductors Main Business Overview

13.6.5 NXP Semiconductors Latest Developments

### 13.7 Infineon Technologies

13.7.1 Infineon Technologies Company Information

13.7.2 Infineon Technologies Radio Frequency (RF) Modules Product Portfolios and Specifications

13.7.3 Infineon Technologies Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 Infineon Technologies Main Business Overview

13.7.5 Infineon Technologies Latest Developments

### 13.8 Digi International

- 13.8.1 Digi International Company Information
- 13.8.2 Digi International Radio Frequency (RF) Modules Product Portfolios and Specifications
- 13.8.3 Digi International Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.8.4 Digi International Main Business Overview
- 13.8.5 Digi International Latest Developments
- 13.9 Vanchip (Tianjin) Technology
  - 13.9.1 Vanchip (Tianjin) Technology Company Information
  - 13.9.2 Vanchip (Tianjin) Technology Radio Frequency (RF) Modules Product Portfolios and Specifications
  - 13.9.3 Vanchip (Tianjin) Technology Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.9.4 Vanchip (Tianjin) Technology Main Business Overview
  - 13.9.5 Vanchip (Tianjin) Technology Latest Developments
- 13.10 Maxscend Technologies
  - 13.10.1 Maxscend Technologies Company Information
  - 13.10.2 Maxscend Technologies Radio Frequency (RF) Modules Product Portfolios and Specifications
  - 13.10.3 Maxscend Technologies Radio Frequency (RF) Modules Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.10.4 Maxscend Technologies Main Business Overview
  - 13.10.5 Maxscend Technologies Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Radio Frequency (RF) Modules Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Radio Frequency (RF) Modules Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of PA Module

Table 4. Major Players of FEM module

Table 5. Major Players of Wi-Fi Module

Table 6. Major Players of AIP Module

Table 7. Global Radio Frequency (RF) Modules Sales by Type (2019-2024) & (M Units)

Table 8. Global Radio Frequency (RF) Modules Sales Market Share by Type (2019-2024)

Table 9. Global Radio Frequency (RF) Modules Revenue by Type (2019-2024) & (\$ million)

Table 10. Global Radio Frequency (RF) Modules Revenue Market Share by Type (2019-2024)

Table 11. Global Radio Frequency (RF) Modules Sale Price by Type (2019-2024) & (US\$/K Unit)

Table 12. Global Radio Frequency (RF) Modules Sales by Application (2019-2024) & (M Units)

Table 13. Global Radio Frequency (RF) Modules Sales Market Share by Application (2019-2024)

Table 14. Global Radio Frequency (RF) Modules Revenue by Application (2019-2024)

Table 15. Global Radio Frequency (RF) Modules Revenue Market Share by Application (2019-2024)

Table 16. Global Radio Frequency (RF) Modules Sale Price by Application (2019-2024) & (US\$/K Unit)

Table 17. Global Radio Frequency (RF) Modules Sales by Company (2019-2024) & (M Units)

Table 18. Global Radio Frequency (RF) Modules Sales Market Share by Company (2019-2024)

Table 19. Global Radio Frequency (RF) Modules Revenue by Company (2019-2024) (\$ Millions)

Table 20. Global Radio Frequency (RF) Modules Revenue Market Share by Company (2019-2024)

Table 21. Global Radio Frequency (RF) Modules Sale Price by Company (2019-2024) &

(US\$/K Unit)

Table 22. Key Manufacturers Radio Frequency (RF) Modules Producing Area Distribution and Sales Area

Table 23. Players Radio Frequency (RF) Modules Products Offered

Table 24. Radio Frequency (RF) Modules Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 25. New Products and Potential Entrants

Table 26. Mergers & Acquisitions, Expansion

Table 27. Global Radio Frequency (RF) Modules Sales by Geographic Region (2019-2024) & (M Units)

Table 28. Global Radio Frequency (RF) Modules Sales Market Share Geographic Region (2019-2024)

Table 29. Global Radio Frequency (RF) Modules Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 30. Global Radio Frequency (RF) Modules Revenue Market Share by Geographic Region (2019-2024)

Table 31. Global Radio Frequency (RF) Modules Sales by Country/Region (2019-2024) & (M Units)

Table 32. Global Radio Frequency (RF) Modules Sales Market Share by Country/Region (2019-2024)

Table 33. Global Radio Frequency (RF) Modules Revenue by Country/Region (2019-2024) & (\$ millions)

Table 34. Global Radio Frequency (RF) Modules Revenue Market Share by Country/Region (2019-2024)

Table 35. Americas Radio Frequency (RF) Modules Sales by Country (2019-2024) & (M Units)

Table 36. Americas Radio Frequency (RF) Modules Sales Market Share by Country (2019-2024)

Table 37. Americas Radio Frequency (RF) Modules Revenue by Country (2019-2024) & (\$ Millions)

Table 38. Americas Radio Frequency (RF) Modules Revenue Market Share by Country (2019-2024)

Table 39. Americas Radio Frequency (RF) Modules Sales by Type (2019-2024) & (M Units)

Table 40. Americas Radio Frequency (RF) Modules Sales by Application (2019-2024) & (M Units)

Table 41. APAC Radio Frequency (RF) Modules Sales by Region (2019-2024) & (M Units)

Table 42. APAC Radio Frequency (RF) Modules Sales Market Share by Region

(2019-2024)

Table 43. APAC Radio Frequency (RF) Modules Revenue by Region (2019-2024) & (\$ Millions)

Table 44. APAC Radio Frequency (RF) Modules Revenue Market Share by Region (2019-2024)

Table 45. APAC Radio Frequency (RF) Modules Sales by Type (2019-2024) & (M Units)

Table 46. APAC Radio Frequency (RF) Modules Sales by Application (2019-2024) & (M Units)

Table 47. Europe Radio Frequency (RF) Modules Sales by Country (2019-2024) & (M Units)

Table 48. Europe Radio Frequency (RF) Modules Sales Market Share by Country (2019-2024)

Table 49. Europe Radio Frequency (RF) Modules Revenue by Country (2019-2024) & (\$ Millions)

Table 50. Europe Radio Frequency (RF) Modules Revenue Market Share by Country (2019-2024)

Table 51. Europe Radio Frequency (RF) Modules Sales by Type (2019-2024) & (M Units)

Table 52. Europe Radio Frequency (RF) Modules Sales by Application (2019-2024) & (M Units)

Table 53. Middle East & Africa Radio Frequency (RF) Modules Sales by Country (2019-2024) & (M Units)

Table 54. Middle East & Africa Radio Frequency (RF) Modules Sales Market Share by Country (2019-2024)

Table 55. Middle East & Africa Radio Frequency (RF) Modules Revenue by Country (2019-2024) & (\$ Millions)

Table 56. Middle East & Africa Radio Frequency (RF) Modules Revenue Market Share by Country (2019-2024)

Table 57. Middle East & Africa Radio Frequency (RF) Modules Sales by Type (2019-2024) & (M Units)

Table 58. Middle East & Africa Radio Frequency (RF) Modules Sales by Application (2019-2024) & (M Units)

Table 59. Key Market Drivers & Growth Opportunities of Radio Frequency (RF) Modules

Table 60. Key Market Challenges & Risks of Radio Frequency (RF) Modules

Table 61. Key Industry Trends of Radio Frequency (RF) Modules

Table 62. Radio Frequency (RF) Modules Raw Material

Table 63. Key Suppliers of Raw Materials

Table 64. Radio Frequency (RF) Modules Distributors List



- Table 65. Radio Frequency (RF) Modules Customer List
- Table 66. Global Radio Frequency (RF) Modules Sales Forecast by Region (2025-2030) & (M Units)
- Table 67. Global Radio Frequency (RF) Modules Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 68. Americas Radio Frequency (RF) Modules Sales Forecast by Country (2025-2030) & (M Units)
- Table 69. Americas Radio Frequency (RF) Modules Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 70. APAC Radio Frequency (RF) Modules Sales Forecast by Region (2025-2030) & (M Units)
- Table 71. APAC Radio Frequency (RF) Modules Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 72. Europe Radio Frequency (RF) Modules Sales Forecast by Country (2025-2030) & (M Units)
- Table 73. Europe Radio Frequency (RF) Modules Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 74. Middle East & Africa Radio Frequency (RF) Modules Sales Forecast by Country (2025-2030) & (M Units)
- Table 75. Middle East & Africa Radio Frequency (RF) Modules Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 76. Global Radio Frequency (RF) Modules Sales Forecast by Type (2025-2030) & (M Units)
- Table 77. Global Radio Frequency (RF) Modules Revenue Forecast by Type (2025-2030) & (\$ Millions)
- Table 78. Global Radio Frequency (RF) Modules Sales Forecast by Application (2025-2030) & (M Units)
- Table 79. Global Radio Frequency (RF) Modules Revenue Forecast by Application (2025-2030) & (\$ Millions)
- Table 80. Skyworks Solutions Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors
- Table 81. Skyworks Solutions Radio Frequency (RF) Modules Product Portfolios and Specifications
- Table 82. Skyworks Solutions Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)
- Table 83. Skyworks Solutions Main Business
- Table 84. Skyworks Solutions Latest Developments
- Table 85. Qualcomm Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors

- Table 86. Qualcomm Radio Frequency (RF) Modules Product Portfolios and Specifications
- Table 87. Qualcomm Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)
- Table 88. Qualcomm Main Business
- Table 89. Qualcomm Latest Developments
- Table 90. Qorvo Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors
- Table 91. Qorvo Radio Frequency (RF) Modules Product Portfolios and Specifications
- Table 92. Qorvo Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)
- Table 93. Qorvo Main Business
- Table 94. Qorvo Latest Developments
- Table 95. Broadcom Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors
- Table 96. Broadcom Radio Frequency (RF) Modules Product Portfolios and Specifications
- Table 97. Broadcom Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)
- Table 98. Broadcom Main Business
- Table 99. Broadcom Latest Developments
- Table 100. Murata Manufacturing Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors
- Table 101. Murata Manufacturing Radio Frequency (RF) Modules Product Portfolios and Specifications
- Table 102. Murata Manufacturing Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)
- Table 103. Murata Manufacturing Main Business
- Table 104. Murata Manufacturing Latest Developments
- Table 105. NXP Semiconductors Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors
- Table 106. NXP Semiconductors Radio Frequency (RF) Modules Product Portfolios and Specifications
- Table 107. NXP Semiconductors Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)
- Table 108. NXP Semiconductors Main Business
- Table 109. NXP Semiconductors Latest Developments
- Table 110. Infineon Technologies Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors

Table 111. Infineon Technologies Radio Frequency (RF) Modules Product Portfolios and Specifications

Table 112. Infineon Technologies Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 113. Infineon Technologies Main Business

Table 114. Infineon Technologies Latest Developments

Table 115. Digi International Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors

Table 116. Digi International Radio Frequency (RF) Modules Product Portfolios and Specifications

Table 117. Digi International Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 118. Digi International Main Business

Table 119. Digi International Latest Developments

Table 120. Vanchip (Tianjin) Technology Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors

Table 121. Vanchip (Tianjin) Technology Radio Frequency (RF) Modules Product Portfolios and Specifications

Table 122. Vanchip (Tianjin) Technology Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 123. Vanchip (Tianjin) Technology Main Business

Table 124. Vanchip (Tianjin) Technology Latest Developments

Table 125. Maxscend Technologies Basic Information, Radio Frequency (RF) Modules Manufacturing Base, Sales Area and Its Competitors

Table 126. Maxscend Technologies Radio Frequency (RF) Modules Product Portfolios and Specifications

Table 127. Maxscend Technologies Radio Frequency (RF) Modules Sales (M Units), Revenue (\$ Million), Price (US\$/K Unit) and Gross Margin (2019-2024)

Table 128. Maxscend Technologies Main Business

Table 129. Maxscend Technologies Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Radio Frequency (RF) Modules
- Figure 2. Radio Frequency (RF) Modules Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Radio Frequency (RF) Modules Sales Growth Rate 2019-2030 (M Units)
- Figure 7. Global Radio Frequency (RF) Modules Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Radio Frequency (RF) Modules Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of PA Module
- Figure 10. Product Picture of FEM module
- Figure 11. Product Picture of Wi-Fi Module
- Figure 12. Product Picture of AIP Module
- Figure 13. Global Radio Frequency (RF) Modules Sales Market Share by Type in 2023
- Figure 14. Global Radio Frequency (RF) Modules Revenue Market Share by Type (2019-2024)
- Figure 15. Radio Frequency (RF) Modules Consumed in Smart Phone
- Figure 16. Global Radio Frequency (RF) Modules Market: Smart Phone (2019-2024) & (M Units)
- Figure 17. Radio Frequency (RF) Modules Consumed in Tablets and Wearables
- Figure 18. Global Radio Frequency (RF) Modules Market: Tablets and Wearables (2019-2024) & (M Units)
- Figure 19. Radio Frequency (RF) Modules Consumed in Industrial Communication
- Figure 20. Global Radio Frequency (RF) Modules Market: Industrial Communication (2019-2024) & (M Units)
- Figure 21. Radio Frequency (RF) Modules Consumed in Automotive
- Figure 22. Global Radio Frequency (RF) Modules Market: Automotive (2019-2024) & (M Units)
- Figure 23. Radio Frequency (RF) Modules Consumed in Aerospace and Defense
- Figure 24. Global Radio Frequency (RF) Modules Market: Aerospace and Defense (2019-2024) & (M Units)
- Figure 25. Radio Frequency (RF) Modules Consumed in Healthcare
- Figure 26. Global Radio Frequency (RF) Modules Market: Healthcare (2019-2024) & (M Units)

Units)

Figure 27. Radio Frequency (RF) Modules Consumed in Others

Figure 28. Global Radio Frequency (RF) Modules Market: Others (2019-2024) & (M Units)

Figure 29. Global Radio Frequency (RF) Modules Sales Market Share by Application (2023)

Figure 30. Global Radio Frequency (RF) Modules Revenue Market Share by Application in 2023

Figure 31. Radio Frequency (RF) Modules Sales Market by Company in 2023 (M Units)

Figure 32. Global Radio Frequency (RF) Modules Sales Market Share by Company in 2023

Figure 33. Radio Frequency (RF) Modules Revenue Market by Company in 2023 (\$ Million)

Figure 34. Global Radio Frequency (RF) Modules Revenue Market Share by Company in 2023

Figure 35. Global Radio Frequency (RF) Modules Sales Market Share by Geographic Region (2019-2024)

Figure 36. Global Radio Frequency (RF) Modules Revenue Market Share by Geographic Region in 2023

Figure 37. Americas Radio Frequency (RF) Modules Sales 2019-2024 (M Units)

Figure 38. Americas Radio Frequency (RF) Modules Revenue 2019-2024 (\$ Millions)

Figure 39. APAC Radio Frequency (RF) Modules Sales 2019-2024 (M Units)

Figure 40. APAC Radio Frequency (RF) Modules Revenue 2019-2024 (\$ Millions)

Figure 41. Europe Radio Frequency (RF) Modules Sales 2019-2024 (M Units)

Figure 42. Europe Radio Frequency (RF) Modules Revenue 2019-2024 (\$ Millions)

Figure 43. Middle East & Africa Radio Frequency (RF) Modules Sales 2019-2024 (M Units)

Figure 44. Middle East & Africa Radio Frequency (RF) Modules Revenue 2019-2024 (\$ Millions)

Figure 45. Americas Radio Frequency (RF) Modules Sales Market Share by Country in 2023

Figure 46. Americas Radio Frequency (RF) Modules Revenue Market Share by Country in 2023

Figure 47. Americas Radio Frequency (RF) Modules Sales Market Share by Type (2019-2024)

Figure 48. Americas Radio Frequency (RF) Modules Sales Market Share by Application (2019-2024)

Figure 49. United States Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 50. Canada Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 51. Mexico Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 52. Brazil Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 53. APAC Radio Frequency (RF) Modules Sales Market Share by Region in 2023

Figure 54. APAC Radio Frequency (RF) Modules Revenue Market Share by Regions in 2023

Figure 55. APAC Radio Frequency (RF) Modules Sales Market Share by Type (2019-2024)

Figure 56. APAC Radio Frequency (RF) Modules Sales Market Share by Application (2019-2024)

Figure 57. China Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Japan Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 59. South Korea Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 60. Southeast Asia Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 61. India Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 62. Australia Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 63. China Taiwan Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 64. Europe Radio Frequency (RF) Modules Sales Market Share by Country in 2023

Figure 65. Europe Radio Frequency (RF) Modules Revenue Market Share by Country in 2023

Figure 66. Europe Radio Frequency (RF) Modules Sales Market Share by Type (2019-2024)

Figure 67. Europe Radio Frequency (RF) Modules Sales Market Share by Application (2019-2024)

Figure 68. Germany Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 69. France Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$

Millions)

Figure 70. UK Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 71. Italy Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 72. Russia Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Middle East & Africa Radio Frequency (RF) Modules Sales Market Share by Country in 2023

Figure 74. Middle East & Africa Radio Frequency (RF) Modules Revenue Market Share by Country in 2023

Figure 75. Middle East & Africa Radio Frequency (RF) Modules Sales Market Share by Type (2019-2024)

Figure 76. Middle East & Africa Radio Frequency (RF) Modules Sales Market Share by Application (2019-2024)

Figure 77. Egypt Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 78. South Africa Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 79. Israel Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 80. Turkey Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 81. GCC Country Radio Frequency (RF) Modules Revenue Growth 2019-2024 (\$ Millions)

Figure 82. Manufacturing Cost Structure Analysis of Radio Frequency (RF) Modules in 2023

Figure 83. Manufacturing Process Analysis of Radio Frequency (RF) Modules

Figure 84. Industry Chain Structure of Radio Frequency (RF) Modules

Figure 85. Channels of Distribution

Figure 86. Global Radio Frequency (RF) Modules Sales Market Forecast by Region (2025-2030)

Figure 87. Global Radio Frequency (RF) Modules Revenue Market Share Forecast by Region (2025-2030)

Figure 88. Global Radio Frequency (RF) Modules Sales Market Share Forecast by Type (2025-2030)

Figure 89. Global Radio Frequency (RF) Modules Revenue Market Share Forecast by Type (2025-2030)

Figure 90. Global Radio Frequency (RF) Modules Sales Market Share Forecast by Application (2025-2030)

Figure 91. Global Radio Frequency (RF) Modules Revenue Market Share Forecast by

Application (2025-2030)



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