

# North America Radio Frequency Components Market (2019-2025)

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## Abstracts

The North America Radio Frequency (RF) Components Market would witness market growth of 13.3% CAGR during the forecast period (2019-2025). Gradual developments and improvements in mobile phone technology are accompanied by a gradual transition from 2G, 3G to 4G/LTE, LTE-Advanced, LTE-Advanced Pro, and 5G. These contribute towards a growing need to improve mobile devices' power efficiency and bandwidth. It, in effect, is expected to stimulate demand in the forecast period for RF components. IoT solutions require better wireless connectivity, increasing the need for new and sophisticated RF components.

Radio frequency is generated by oscillating current for a given number of times. It is then radiated off a conductor (antenna), into empty space as electromagnetic radio waves. The empty space is occupied by air rather than solid objects and it does not refer to outer space. RF signals are transmitted and obtained by conductors through a phenomenon called the skin effect. In this phenomenon, RF current hooks itself and flows through the conductors' surface instead of entering and flowing through them as with other non-conducting solids. This effect is the radio technology's foundation and core.

Based on Product, the market is segmented into Power Amplifier, Filters, Antenna Switches, Modulators & Demodulators, Duplexer and Others. Based on Application, the market is segmented into Consumer Electronics, Automotive, Military and Others. Based on countries, the market is segmented into U.S., Mexico, Canada, and Rest of North America.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Fujitsu Limited, Rohm Semiconductors Co.,

Ltd., Broadcom, Inc., Texas Instruments, Inc., NXP Semiconductors N.V., Murata Manufacturing Co., Ltd., Renesas Electronics Corporation, Toshiba Corporation, Qualcomm, Inc. and Mitsubishi Electric Corporation.

Scope of the Study

Market Segmentation:

By Product

Power Amplifier

Filters

Antenna Switches

Modulators and Demodulators

Duplexer

Others

By Application

Consumer Electronics

Automotive

Military

Others

By Country

US

Canada

Mexico

Rest of North America

### Companies Profiled

Fujitsu Limited

Rohm Semiconductors Co., Ltd.

Broadcom, Inc.

Texas Instruments, Inc.

NXP Semiconductors N.V.

Murata Manufacturing Co., Ltd.

Renesas Electronics Corporation

Toshiba Corporation

Qualcomm, Inc.

Mitsubishi Electric Corporation

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## Contents

### **CHAPTER 1. MARKET SCOPE & METHODOLOGY**

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
  - 1.4.1 North America Radio Frequency Components Market, by Product
  - 1.4.2 North America Radio Frequency Components Market, by Application
  - 1.4.3 North America Radio Frequency Components Market, by Country
- 1.5 Methodology for the research

### **CHAPTER 2. MARKET OVERVIEW**

- 2.1 Introduction
  - 2.1.1 Overview
  - 2.1.2 Executive Summary
  - 2.1.3 Market Scenario
- 2.2 Key Factors Impacting the Market
  - 2.2.1 Market Drivers
  - 2.2.2 Market Restraints

### **CHAPTER 3. MARKET ANALYSIS**

- 3.1 KBV Cardinal Matrix
- 3.2 Recent Industry Wide Strategic Developments
  - 3.2.1 Partnerships, Collaborations and Agreements
  - 3.2.2 Product Launches and Expansions
  - 3.2.3 Mergers & Acquisitions
- 3.3 Top Winning Strategies
  - 3.3.1 Key Leading Strategies: Percentage Distribution (2015-2019)
  - 3.3.2 Key Strategic Move: (Product Launches: 2019-Oct: 2015-May) Leading Players

### **CHAPTER 4. NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT**

- 4.1 North America Radio Frequency (RF) Components Power Amplifier Market by Country

- 4.2 North America Radio Frequency (RF) Components Filters Market by Country
- 4.3 North America Radio Frequency (RF) Components Antenna Switches Market by Country
- 4.4 North America Radio Frequency (RF) Components Modulators and Demodulators Market by Country
- 4.5 North America Radio Frequency (RF) Components Duplexer Market by Country
- 4.6 North America Other Product Radio Frequency (RF) Components Market by Country

## **CHAPTER 5. NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION**

- 5.1 North America Radio Frequency Components in Consumer Electronics Market by Country
- 5.2 North America Radio Frequency Components in Automotive Market by Country
- 5.3 North America Radio Frequency Components in Military Market by Country
- 5.4 North America Radio Frequency (RF) Components Others Market by Country

## **CHAPTER 6. NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY COUNTRY**

- 6.1 US Radio Frequency (RF) Components Market
  - 6.1.1 US Radio Frequency (RF) Components Market by Product
  - 6.1.2 US Radio Frequency (RF) Components Market by Application
- 6.2 Canada Radio Frequency (RF) Components Market
  - 6.2.1 Canada Radio Frequency (RF) Components Market by Product
  - 6.2.2 Canada Radio Frequency (RF) Components Market by Application
- 6.3 Mexico Radio Frequency (RF) Components Market
  - 6.3.1 Mexico Radio Frequency (RF) Components Market by Product
  - 6.3.2 Mexico Radio Frequency (RF) Components Market by Application
- 6.4 Rest of North America Radio Frequency (RF) Components Market
  - 6.4.1 Rest of North America Radio Frequency (RF) Components Market by Product
  - 6.4.2 Rest of North America Radio Frequency (RF) Components Market by Application

## **CHAPTER 7. COMPANY PROFILES**

- 7.1 Fujitsu Limited
  - 7.1.1 Company Overview
  - 7.1.2 Financial Analysis

- 7.1.1 Recent strategies and developments:
  - 7.1.1.1 Collaborations, partnerships and agreements:
  - 7.1.1.2 Product launches:
- 7.1.2 SWOT Analysis
- 7.2 Rohm Semiconductors Co., Ltd.
  - 7.2.1 Company Overview
  - 7.2.2 Financial Analysis
  - 7.2.3 Segmental and Regional Analysis
  - 7.2.4 Research & Development Expense
  - 7.2.5 Recent strategies and developments:
    - 7.2.5.1 Acquisition and mergers:
    - 7.2.5.2 Product launches:
- 7.3 Broadcom, Inc.
  - 7.3.1 Company Overview
  - 7.3.2 Financial Analysis
  - 7.3.3 Segmental and Regional Analysis
  - 7.3.4 Research & Development Expense
  - 7.3.5 Recent strategies and developments:
    - 7.3.5.1 Collaborations, partnerships and agreements:
    - 7.3.5.2 Product launches:
  - 7.3.6 SWOT Analysis
- 7.4 Texas Instruments, Inc.
  - 7.4.1 Company Overview
  - 7.4.2 Financial Analysis
  - 7.4.3 Segmental and Regional Analysis
  - 7.4.4 Research & Development Expense
  - 7.4.5 Recent strategies and developments:
    - 7.4.5.1 Collaborations, partnerships and agreements:
    - 7.4.5.2 Expansions:
    - 7.4.5.3 Product launches:
  - 7.4.6 SWOT Analysis
- 7.5 NXP Semiconductors N.V.
  - 7.5.1 Company Overview
  - 7.5.2 Financial Analysis
  - 7.5.3 Segmental and Regional Analysis
  - 7.5.4 Research & Development Expense
  - 7.5.5 Recent strategies and developments:
    - 7.5.5.1 Collaborations, partnerships and agreements:
    - 7.5.5.2 Acquisition and mergers:

- 7.5.5.3 Product launches:
- 7.5.6 SWOT Analysis
- 7.6 Murata Manufacturing Co., Ltd.
  - 7.6.1 Company Overview
  - 7.6.2 Financial Analysis
  - 7.6.3 Segmental and Regional Analysis
  - 7.6.4 Research & Development Expense
  - 7.6.5 Recent strategies and developments:
    - 7.6.5.1 Collaborations, partnerships and agreements:
    - 7.6.5.2 Expansions:
    - 7.6.5.3 Product launches:
  - 7.6.6 SWOT Analysis
- 7.7 Renesas Electronics Corporation
  - 7.7.1 Company Overview
  - 7.7.2 Financial Analysis
  - 7.7.3 Product and Regional Analysis
  - 7.7.4 Research & Development Expense
  - 7.7.5 Recent strategies and developments:
    - 7.7.5.1 Collaborations, partnerships and agreements:
    - 7.7.5.2 Acquisition and mergers:
    - 7.7.5.3 Product launches:
- 7.8 Toshiba Corporation
  - 7.8.1 Company Overview
  - 7.8.2 Financial Analysis
  - 7.8.3 Segmental and Regional Analysis
  - 7.8.4 Research and Development Expense
  - 7.8.5 Recent strategies and developments:
    - 7.8.5.1 Product launches:
  - 7.8.6 SWOT Analysis
- 7.9 Qualcomm, Inc.
  - 7.9.1 Company Overview
  - 7.9.2 Financial Analysis
  - 7.9.3 Segmental and Regional Analysis
  - 7.9.4 Research & Development Expense
  - 7.9.5 Recent strategies and developments:
    - 7.9.5.1 Collaborations, partnerships and agreements:
    - 7.9.5.2 Acquisition and mergers:
    - 7.9.5.3 Product launches:
  - 7.9.6 SWOT Analysis



## 7.1 Mitsubishi Electric Corporation

### 7.10.1 Company Overview

### 7.10.2 Financial Analysis

### 7.10.3 Segmental and Regional Analysis

### 7.10.4 Research & Development Expense

### 7.10.5 Recent strategies and developments:

#### 7.10.5.1 Product launches:

### 7.10.6 SWOT Analysis

## List Of Tables

### LIST OF TABLES

TABLE 1 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET, 2015 - 2018, USD MILLION

TABLE 2 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET, 2019 - 2025, USD MILLION

TABLE 3 PARTNERSHIPS, COLLABORATIONS AND AGREEMENTS– RADIO FREQUENCY (RF) COMPONENTS MARKET

TABLE 4 PRODUCT LAUNCHES AND EXPANSIONS– RADIO FREQUENCY (RF) COMPONENTS MARKET

TABLE 5 MERGERS & ACQUISITIONS – RADIO FREQUENCY (RF) COMPONENTS MARKET

TABLE 6 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2015 - 2018, USD MILLION

TABLE 7 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2019 - 2025, USD MILLION

TABLE 8 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS POWER AMPLIFIER MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 9 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS POWER AMPLIFIER MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 10 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS FILTERS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 11 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS FILTERS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 12 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS ANTENNA SWITCHES MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 13 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS ANTENNA SWITCHES MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 14 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MODULATORS AND DEMODULATORS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 15 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MODULATORS AND DEMODULATORS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 16 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS DUPLEXER MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 17 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS DUPLEXER

MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 18 NORTH AMERICA OTHER PRODUCT RADIO FREQUENCY (RF) COMPONENTS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 19 NORTH AMERICA OTHER PRODUCT RADIO FREQUENCY (RF) COMPONENTS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 20 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 21 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 22 NORTH AMERICA RADIO FREQUENCY COMPONENTS IN CONSUMER ELECTRONICS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 23 NORTH AMERICA RADIO FREQUENCY COMPONENTS IN CONSUMER ELECTRONICS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 24 NORTH AMERICA RADIO FREQUENCY COMPONENTS IN AUTOMOTIVE MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 25 NORTH AMERICA RADIO FREQUENCY COMPONENTS IN AUTOMOTIVE MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 26 NORTH AMERICA RADIO FREQUENCY COMPONENTS IN MILITARY MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 27 NORTH AMERICA RADIO FREQUENCY COMPONENTS IN MILITARY MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 28 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS OTHERS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 29 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS OTHERS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 30 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 31 NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 32 US RADIO FREQUENCY (RF) COMPONENTS MARKET, 2015 - 2018, USD MILLION

TABLE 33 US RADIO FREQUENCY (RF) COMPONENTS MARKET, 2019 - 2025, USD MILLION

TABLE 34 US RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2015 - 2018, USD MILLION

TABLE 35 US RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2019 - 2025, USD MILLION

TABLE 36 US RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 37 US RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 38 CANADA RADIO FREQUENCY (RF) COMPONENTS MARKET, 2015 - 2018, USD MILLION

TABLE 39 CANADA RADIO FREQUENCY (RF) COMPONENTS MARKET, 2019 - 2025, USD MILLION

TABLE 40 CANADA RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2015 - 2018, USD MILLION

TABLE 41 CANADA RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2019 - 2025, USD MILLION

TABLE 42 CANADA RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 43 CANADA RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 44 MEXICO RADIO FREQUENCY (RF) COMPONENTS MARKET, 2015 - 2018, USD MILLION

TABLE 45 MEXICO RADIO FREQUENCY (RF) COMPONENTS MARKET, 2019 - 2025, USD MILLION

TABLE 46 MEXICO RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2015 - 2018, USD MILLION

TABLE 47 MEXICO RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2019 - 2025, USD MILLION

TABLE 48 MEXICO RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 49 MEXICO RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 50 REST OF NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET, 2015 - 2018, USD MILLION

TABLE 51 REST OF NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET, 2019 - 2025, USD MILLION

TABLE 52 REST OF NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2015 - 2018, USD MILLION

TABLE 53 REST OF NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY PRODUCT, 2019 - 2025, USD MILLION

TABLE 54 REST OF NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 55 REST OF NORTH AMERICA RADIO FREQUENCY (RF) COMPONENTS MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 56 KEY INFORMATION – FUJITSU LIMITED

TABLE 57 KEY INFORMATION – ROHM SEMICONDUCTORS CO., LTD.  
TABLE 58 KEY INFORMATION – BROADCOM, INC.  
TABLE 59 KEY INFORMATION – TEXAS INSTRUMENTS, INC.  
TABLE 60 KEY INFORMATION – NXP SEMICONDUCTORS N.V.  
TABLE 61 KEY INFORMATION –MURATA MANUFACTURING CO., LTD.  
TABLE 62 KEY INFORMATION – RENESAS ELECTRONICS CORPORATION  
TABLE 63 KEY INFORMATION – TOSHIBA CORPORATION  
TABLE 64 KEY INFORMATION – QUALCOMM, INC.  
TABLE 65 KEY INFORMATION – MITSUBISHI ELECTRIC CORPORATION

## List Of Figures

### LIST OF FIGURES

FIG 1 METHODOLOGY FOR THE RESEARCH

FIG 2 KBV CARDINAL MATRIX

FIG 3 KEY LEADING STRATEGIES: PERCENTAGE DISTRIBUTION (2015-2019)

FIG 4 KEY STRATEGIC MOVE: (PRODUCT LAUNCHES: 2019-OCT: 2015-MAY)

LEADING PLAYERS

FIG 5 RECENT STRATEGIES AND DEVELOPMENTS: FUJITSU LIMITED

FIG 6 SWOT ANALYSIS: FUJITSU LIMITED

FIG 7 RECENT STRATEGIES AND DEVELOPMENTS: ROHM SEMICONDUCTORS CO., LTD.

FIG 8 RECENT STRATEGIES AND DEVELOPMENTS: BROADCOM, INC.

FIG 9 SWOT ANALYSIS: BROADCOM, INC.

FIG 10 RECENT STRATEGIES AND DEVELOPMENTS: TEXAS INSTRUMENTS, INC.

FIG 11 SWOT ANALYSIS: TEXAS INSTRUMENTS, INC.

FIG 12 RECENT STRATEGIES AND DEVELOPMENTS: NXP SEMICONDUCTORS N.V.

FIG 13 SWOT ANALYSIS: NXP SEMICONDUCTORS N.V.

FIG 14 RECENT STRATEGIES AND DEVELOPMENTS: MURATA MANUFACTURING CO., LTD.

FIG 15 SWOT ANALYSIS: MURATA MANUFACTURING CO., LTD.

FIG 16 RECENT STRATEGIES AND DEVELOPMENTS: RENESAS ELECTRONICS CORPORATION

FIG 17 SWOT ANALYSIS: TOSHIBA CORPORATION

FIG 18 RECENT STRATEGIES AND DEVELOPMENTS: QUALCOMM, INC.

FIG 19 SWOT ANALYSIS: QUALCOMM, INC.

FIG 20 SWOT ANALYSIS: MITSUBISHI ELECTRIC CORPORATION

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