

# **Radio Frequency Components (RFC) Market for Consumer Electronics - Global Forecast & Analysis (2012 - 2017) by Applications, Modules, Materials & Geography**

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## **Abstracts**

**Radio Frequency Components (RFC) (Antenna Switches, Filters, Power Amplifiers, Demodulators & Its Tunability Aspects) Market for Consumer Electronics – Global Forecast & Analysis (2012 – 2017) By Applications [Cellular Phones, Tablets, E-readers, GPS Devices, Laptops, Smart TV's, Set Top Boxes, Others], Modules, Materials & Geography**

Radio frequency refers to the radio signals that vary from 3 KHz (1 KHz =  $10^3$  Hertz) to 300 GHz (1 GHz =  $10^9$  Hertz). In the field of consumer electronics, the area of interest is radio frequency ranging between 10 MHz and 10 GHz. The major components used in RF front communications in consumer electronics devices are mainly Receivers /Transmitters, Filters, Power Amplifiers, Duplexers, Antenna Switches, and Demodulators.

With RF developments, products that are enabled with internet protocols embark upon their existence and expansion all over the world. Developed regions such as Japan, China, and U.S had enabled this technology with changed architecture of communication devices five years back but developing nations such as India, Brazil, and South Africa have launched these technologies recently.

At present, most of the favorable frequency bands are occupied by cell phones or by government or unlicensed bands with limited transmission range. New devices such as tablets, head up displays, etc. have to rely on less favorable frequency bands, which have more noise distribution than the allotted lower frequencies.

This report refers to the RF components market, which caters to the wide range of applications, components, materials, and modules. RF components cover antenna switches, filters, power amplifiers and tuners; whereas RF components' application areas cover cellular phones, tablets, e-readers, GPS devices, laptops, smart TV's, and others.

RF Components market is segmented into the following categories:

RFC Market- By Modules: Antenna Switch Module, Rx Module, Tx Module, Duplexer and Pa Module, Multi Duplexer Module, Rx and Duplexer Module

RFC Market- By Applications: Cellular Phones, Tablets, E-Readers, GPS Devices, Laptops, Smart TV's, Others

RFC Market- By Components: Antenna, filters, Power Amplifiers

RFC Market- By Tunability: Antenna Tunability, Filters Tunability, Pas Tunability

RFC Market- By Materials: Silicon, Silicon Germanium, Gallium arsenide, Indium Phosphide and Gallium Nitride

RFC Market- By Geography: Americas divided into North America and South America; Europe divided into Italy, France, Germany, U.K., and others; APAC divided into China, Japan, Taiwan, South Korea & India, Others; ROW divided into Middle East and Africa

In addition, the report entails details of:

Key growth drivers and restraints of the market

Burning issues and opportunities

Impact analysis of the market dynamics

Analysis of different applications of the market

Key trends shaping and influencing the market

Identification of segments with high growth potential

Region specific developments and peculiarities

Key growth strategies for companies in the precision monitoring market

The competitive landscape of the industry

The report also captures the market roadmap with market sizes, trend lines, revenue forecasts, value chain, market & product trends, socio-economic trends and regulations, competitive landscape.

Various secondary sources – directories, e-magazines, and research projects, databases such as Factiva, OneSource, Bloomberg, Reuters, and universities blogs were used to identify and collect information useful for this extensive technical and commercial study of the global RF Components market. The primary sources – selected experts from related industries and preferred suppliers - were interviewed to obtain and verify critical information as well as assess future prospects.

The key players in the RF Components Market were identified through secondary research while formulating for the industry value chain and their market revenue was determined through primary and secondary research.

Major players operating in the RF Components (RFC) market are Skyworks Inc. (U.S.), Murata Manufacturing (Japan), Triquint Semiconductors (U.S.), AVAGO Technologies (U.S.), RDA Microelectronics (China) and RF Micro devices (U.S.).

The key stakeholders identified for this report include:

Manufacturers

User end companies

Integrators

Foundries

Researchers

Raw material manufacturers

RF components testing market players

Private equity

Investment bankers.

## Contents

### 1 INTRODUCTION

- 1.1 KEY TAKE-AWAYS
- 1.2 REPORT DESCRIPTION
- 1.3 MARKETS COVERED
- 1.4 STAKEHOLDERS
- 1.5 RESEARCH METHODOLOGY
  - 1.5.1 MARKET SIZE
  - 1.5.2 MARKET CRACKDOWN
  - 1.5.3 MARKET MODEL
    - 1.5.3.1 Components of market model
  - 1.5.4 KEY DATA POINTS FROM SECONDARY SOURCES
  - 1.5.5 KEY DATA POINTS FROM PRIMARY SOURCES
  - 1.5.6 ASSUMPTIONS MADE FOR THIS REPORT
  - 1.5.7 LIST OF COMPANIES COVERED DURING THE RESEARCH

### 2 EXECUTIVE SUMMARY

### 3 MARKET OVERVIEW

- 3.1 MARKET DEFINITION
- 3.2 ROADMAP TO RF TECHNOLOGY
- 3.3 MARKET DYNAMICS
  - 3.3.1 DRIVERS
    - 3.3.1.1 High end requirement in communication devices
    - 3.3.1.2 Expansion of new technology in untapped regions
    - 3.3.1.3 Introduction on new materials to be compatible with all types of devices
  - 3.3.2 RESTRAINT
    - 3.3.2.1 Highly fragmented market cause less price margin
  - 3.3.3 OPPORTUNITIES
    - 3.3.3.1 Rapid technological transitions
- 3.4 VALUE CHAIN ANALYSIS
- 3.5 BURNING ISSUES
  - 3.5.1 LOCAL MANUFACTURERS EXISTENCE LEADS TO DUPLICITY
  - 3.5.2 ENVIRONMENTAL ISSUES MAY AFFECT THE OVERALL BUSINESS
- 3.6 WINNING IMPERATIVES
  - 3.6.1 CHANGE IN ARCHITECTURE DESIGN OF COMMUNICATION DEVICES

### 3.7 PORTER FIVE FORCES

- 3.7.1 BARGAINING POWER OF SUPPLIER
- 3.7.2 BARGAINING POWER OF BUYER
- 3.7.3 THREAT FROM NEW ENTRANTS
- 3.7.4 THREAT FROM SUBSTITUTES
- 3.7.5 DEGREE OF COMPETITION

## 4 RFC GLOBAL FORECAST & ANALYSIS, BY COMPONENTS

### 4.1 INTRODUCTION

### 4.2 RF FILTER (RX/TX FILTERS)

- 4.2.1 SURFACE ACOUSTIC WAVE (SAW) FILTERS
- 4.2.2 BULK ACOUSTIC WAVE (BAW) FILTERS

### 4.3 DUPLEXERS

### 4.4 POWER AMPLIFIERS

### 4.5 ANTENNA SWITCHES

#### 4.5.1 TYPES OF ANTENNA SWITCHES

- 4.5.1.1 Gallium Arsenide (GaAs) HBT switches
- 4.5.1.2 High Resistive-Silicon on Insulator (HR-SOI) switches
- 4.5.1.3 Silicon on Sapphire(SOS) switches

### 4.6 DEMODULATORS

## 5 RFC GLOBAL FORECAST & ANALYSIS, BY TUNABILITY

### 5.1 INTRODUCTION

- 5.1.1 ANTENNA TUNING
- 5.1.2 POWER AMPLIFIERS TUNING
- 5.1.3 FILTER/DUPLEXERS TUNING

## 6 RFC GLOBAL FORECAST & ANALYSIS, BY MODULES

### 6.1 INTRODUCTION

### 6.2 ANTENNA SWITCH MODULE

### 6.3 RX MODULE

### 6.4 TX MODULE

### 6.5 DUPLEXER + PA MODULE

### 6.6 MULTI DUPLEXER MODULE (ANTENNA SWITCH MODULE/RX MODULE + DUPLEXERS)

### 6.7 RX + DUPLEXER MODULE (RX MODULE + SINGLE DUPLEXER)

## **7 RFC GLOBAL FORECAST & ANALYSIS, BY APPLICATIONS**

- 7.1 INTRODUCTION
- 7.2 CELLULAR PHONES
  - 7.2.1 FEATURE PHONES
  - 7.2.2 SMART PHONES
- 7.3 TABLETS
- 7.4 E-READERS
- 7.5 GPS DEVICES
- 7.6 NOTEBOOKS
- 7.7 SMART TV'S
- 7.8 SET TOP BOXES

## **8 RFC GLOBAL FORECAST & ANALYSIS, BY MATERIALS**

- 8.1 INTRODUCTION
- 8.2 SILICON
- 8.3 GALLIUM ARSENIDE
- 8.4 SILICON-GERMANIUM
- 8.5 COMPARISON OF VARIOUS COMPOUNDS USED IN RF COMPONENTS MANUFACTURING
- 8.6 FUTURE MATERIALS USED IN RF DEVICES MANUFACTURING
  - 8.6.1 GALLIUM NITRIDE
  - 8.6.2 INDIUM PHOSPHIDE

## **9 RFC GLOBAL FORECAST & ANALYSIS, BY GEOGRAPHY**

- 9.1 INTRODUCTION
- 9.2 AMERICAS
  - 9.2.1 NORTH AMERICA
  - 9.2.2 SOUTH AMERICA
- 9.3 EUROPE
- 9.4 APAC
- 9.5 ROW

## **10 COMPETITIVE LANDSCAPE**

- 10.1 INTRODUCTION

- 10.2 MARKET SHARE ANALYSIS
- 10.3 KEY GROWTH STRATEGIES
- 10.4 MERGERS & ACQUISITIONS
- 10.5 NEW PRODUCT LAUNCH/ DEVELOPMENT
- 10.6 AGREEMENTS
- 10.7 OTHER STRATEGIES

## **11 COMPANY PROFILES**

### **11.1 FAB AND FABLESS COMPANIES**

#### **11.1.1 AVAGO TECHNOLOGIES LIMITED**

11.1.1.1 Overview

11.1.1.2 Products & services

11.1.1.3 Financials

11.1.1.4 Strategy

11.1.1.5 Developments

#### **11.1.2 EPCOS**

11.1.2.1 Overview

11.1.2.2 Products & services

11.1.2.3 Financials

11.1.2.4 Strategy

11.1.2.5 Developments

#### **11.1.3 MURATA MANUFACTURING CO., LIMITED**

11.1.3.1 Overview

11.1.3.2 Products & services

11.1.3.3 Financials

11.1.3.4 Strategy

11.1.3.5 Developments

#### **11.1.4 SKYWORKS INC.**

11.1.4.1 Overview

11.1.4.2 Products & services

11.1.4.3 Financials

11.1.4.4 Strategy

11.1.4.5 Developments

#### **11.1.5 FREESCALE SEMICONDUCTOR INC.**

11.1.5.1 Overview

11.1.5.2 Products & services

11.1.5.3 Financials

11.1.5.4 Strategy



- 11.1.5.5 Developments
- 11.1.6 FUJITSU LIMITED
  - 11.1.6.1 Overview
  - 11.1.6.2 Products & services
  - 11.1.6.3 Financials
  - 11.1.6.4 Strategy
  - 11.1.6.5 Developments
- 11.1.7 NXP SEMICONDUCTORS N.V.
  - 11.1.7.1 Overview
  - 11.1.7.2 Products & services
  - 11.1.7.3 Financials
  - 11.1.7.4 Strategy
  - 11.1.7.5 Developments
- 11.1.8 RENESAS ELECTRONICS CORPORATION
  - 11.1.8.1 Overview
  - 11.1.8.2 Products & services
  - 11.1.8.3 Financials
  - 11.1.8.4 Strategy
- 11.1.9 RF MICRO DEVICES INC.
  - 11.1.9.1 Overview
  - 11.1.9.2 Products & services
  - 11.1.9.3 Financials
  - 11.1.9.4 Strategy
  - 11.1.9.5 Developments
- 11.1.10 ROHM COMPANY LIMITED
  - 11.1.10.1 Overview
  - 11.1.10.2 Products & services
  - 11.1.10.3 Financials
  - 11.1.10.4 Strategy
  - 11.1.10.5 Developments
- 11.1.11 STMICROELECTRONICS N.V.
  - 11.1.11.1 Overview
  - 11.1.11.2 Products & services
  - 11.1.11.3 Financials
  - 11.1.11.4 Strategy
  - 11.1.11.5 Developments
- 11.1.12 TRIQUINT SEMICONDUCTOR INC.
  - 11.1.12.1 Overview
  - 11.1.12.2 Products & services

- 11.1.12.3 Financials
- 11.1.12.4 Strategy
- 11.1.12.5 Developments
- 11.1.13 CREE INC.
  - 11.1.13.1 Overview
  - 11.1.13.2 Products & services
  - 11.1.13.3 Financials
  - 11.1.13.4 Strategy
  - 11.1.13.5 Developments
- 11.1.14 AIXTRON SE
  - 11.1.14.1 Overview
  - 11.1.14.2 Products & services
  - 11.1.14.3 Financials
  - 11.1.14.4 Strategy
  - 11.1.14.5 Developments
- 11.1.15 INTERNATIONAL QUANTUM EPITAXY PLC
  - 11.1.15.1 Overview
  - 11.1.15.2 Products & services
  - 11.1.15.3 Financials
  - 11.1.15.4 Strategy
  - 11.1.15.5 Developments
- 11.1.16 TEXAS INSTRUMENTS INC.
  - 11.1.16.1 Overview
  - 11.1.16.2 Products & services
  - 11.1.16.3 Financials
  - 11.1.16.4 Strategy
  - 11.1.16.5 Developments
- 11.1.17 TOSHIBA CORPORATION
  - 11.1.17.1 Overview
  - 11.1.17.2 Products & services
  - 11.1.17.3 Financials
  - 11.1.17.4 Strategy
  - 11.1.17.5 Developments
- 11.1.18 TAIWAN SEMICONDUCTOR MANUFACTURING CO. LIMITED
  - 11.1.18.1 Overview
  - 11.1.18.2 Products & services
  - 11.1.18.3 Financials
  - 11.1.18.4 Strategy
  - 11.1.18.5 Developments

**11.1.19 RDA MICROELECTRONICS, INC.**

- 11.1.19.1 Overview
- 11.1.19.2 Products & services
- 11.1.19.3 Financials
- 11.1.19.4 Strategy
- 11.1.19.5 Developments

**11.1.20 SILICON LABORATORIES INC.**

- 11.1.20.1 Overview
- 11.1.20.2 Products & services
- 11.1.20.3 Financials
- 11.1.20.4 Strategy
- 11.1.20.5 Developments

**11.2 APPLICATION COMPANIES****11.2.1 APPLE INC**

- 11.2.1.1 Overview
- 11.2.1.2 Products & services
- 11.2.1.3 Financials
- 11.2.1.4 Strategy
- 11.2.1.5 Developments

**11.2.2 MICROSOFT CORPORATION**

- 11.2.2.1 Overview
- 11.2.2.2 Products & services
- 11.2.2.3 Financials
- 11.2.2.4 Strategy
- 11.2.2.5 Developments

**11.2.3 HEWLETT-PACKARD COMPANY**

- 11.2.3.1 Overview
- 11.2.3.2 Products & services
- 11.2.3.3 Financials
- 11.2.3.4 Strategy
- 11.2.3.5 Developments

**11.2.4 PANASONIC CORPORATION**

- 11.2.4.1 Overview
- 11.2.4.2 Products & services
- 11.2.4.3 Financials
- 11.2.4.4 Developments

**11.2.5 SAMSUNG ELECTRONICS CO. LIMITED**

- 11.2.5.1 Overview
- 11.2.5.2 Products & services

11.2.5.3 Financials

11.2.5.4 Strategy

11.2.5.5 Developments

## **APPENDIX**

### RECOMMENDED READINGS

## List Of Tables

### LIST OF TABLES

TABLE 1 FORECAST COMPONENTS OF MARKET MODEL

TABLE 2 INFLUENTIAL COMPONENTS OF MARKET MODEL

TABLE 3 RF COMPONENTS MARKET, 2012 – 2017 (\$MILLION)

TABLE 4 RF COMPONENTS MARKET, BY APPLICATIONS, 2012 – 2017 (\$MILLION)

TABLE 5 RX/TX MARKET REVENUE, BY GEOGRAPHY, 2012 – 2017 (\$MILLION)

TABLE 6 RX/TX MARKET REVENUE, BY TYPES, 2012 – 2017 (\$MILLION)

TABLE 7 RX/TX FILTERS FOR CONSUMER ELECTRONICS, 2012 – 2017 (MILLION UNITS)

TABLE 8 DUPLEXERS MARKET REVENUE, BY GEOGRAPHY, 2012 – 2017 (\$MILLION)

TABLE 9 DUPLEXERS FOR CONSUMER ELECTRONICS, 2012 – 2017 (MILLION UNITS)

TABLE 10 POWER AMPLIFIERS MARKET, BY GEOGRAPHY, 2012 – 2017 (\$MILLION)

TABLE 11 POWER AMPLIFIERS FOR CONSUMER ELECTRONICS, 2012 – 2017 (MILLION UNITS)

TABLE 12 ANTENNA SWITCHES MARKET REVENUE, BY GEOGRAPHY, 2012 – 2017 (\$MILLION)

TABLE 13 ANTENNA SWITCHES FOR CONSUMER ELECTRONICS, 2012 – 2017 (MILLION UNITS)

TABLE 14 ANTENNA SWITCHES MARKET REVENUE, BY TYPES, 2012 – 2017 (\$MILLION)

TABLE 15 DEMODULATORS MARKET, BY GEOGRAPHY, 2012 – 2017 (\$MILLION)

TABLE 16 TUNERS MARKET REVENUE, BY TYPES, 2012 – 2017 (\$MILLION)

TABLE 17 TUNERS FOR CONSUMER ELECTRONICS, 2012 – 2017 (MILLION UNITS)

TABLE 18 RF FRONT END MODULES MARKET, 2012 – 2017 (\$MILLION)

TABLE 19 RF COMPONENTS ENABLED APPLICATIONS SEGMENT, 2012 – 2017 (MILLION UNITS)

TABLE 20 RF COMPONENTS MARKET, IN CELLULAR PHONES, BY TYPES, 2012 – 2017 (\$MILLION)

TABLE 21 RF COMPONENTS IN CELLULAR PHONES, 2012 – 2017 (MILLION UNITS)

TABLE 22 MOBILE PHONES, BY TYPES, 2012 – 2017 (MILLION UNITS)

TABLE 23 RF COMPONENTS IN FEATURE PHONES, 2012 – 2017 (MILLION UNITS)

- TABLE 24 FEATURE PHONES, RF COMPONENTS ASP, 2012 – 2017 (\$)
- TABLE 25 RF COMPONENTS MARKET, IN FEATURE PHONES, BY TYPES, 2012 – 2017 (\$MILLION)
- TABLE 26 RF COMPONENTS IN SMARTPHONES, 2012 – 2017 (MILLION UNITS)
- TABLE 27 SMARTPHONES, RF COMPONENTS ASP, 2012 – 2017 (\$)
- TABLE 28 RF COMPONENTS MARKET, IN SMART PHONES, BY TYPES, 2012 – 2017 (\$MILLION)
- TABLE 29 RF COMPONENTS IN TABLETS, 2012 – 2017 (MILLION UNITS)
- TABLE 30 TABLETS, RF COMPONENTS ASP, 2012 – 2017 (\$)
- TABLE 31 RF COMPONENTS MARKET, IN TABLETS, BY TYPES, 2012 – 2017 (\$MILLION)
- TABLE 32 RF COMPONENTS IN EREADERS, 2012 – 2017 (MILLION UNITS)
- TABLE 33 EREADERS, RF COMPONENTS ASP, 2012 – 2017 (\$)
- TABLE 34 RF COMPONENTS MARKET, IN EREADERS, BY TYPES, 2012 – 2017 (\$MILLION)
- TABLE 35 RF COMPONENTS IN GPS DEVICES, 2012 – 2017 (MILLION UNITS)
- TABLE 36 GPS DEVICES, RF COMPONENTS ASP, 2012 – 2017 (\$)
- TABLE 37 RF COMPONENTS MARKET, IN GPS DEVICES, BY TYPES, 2012 – 2017 (\$MILLION)
- TABLE 38 RF COMPONENTS IN NOTEBOOKS, 2012 – 2017 (MILLION UNITS)
- TABLE 39 NOTEBOOK, RF COMPONENTS ASP, 2012 – 2017 (\$)
- TABLE 40 RF COMPONENTS MARKET, IN NOTEBOOKS, BY TYPES, 2012 – 2017 (\$MILLION)
- TABLE 41 RF COMPONENTS IN SMART TV'S, 2012 – 2017 (MILLION UNITS)
- TABLE 42 SMART TV'S, RF COMPONENTS ASP, 2012 – 2017 (\$)
- TABLE 43 RF COMPONENTS MARKET, IN SMART TV'S, BY TYPES, 2012 – 2017 (\$MILLION)
- TABLE 44 RF COMPONENTS IN SET TOP BOXES, 2012 – 2017 (MILLION UNITS)
- TABLE 45 SET TOP BOXES, RF COMPONENTS ASP, 2012 – 2017 (\$)
- TABLE 46 RF COMPONENTS MARKET, IN SMART TV'S, BY TYPES, 2012 – 2017 (\$MILLION)
- TABLE 47 COMPETITIVE INDEX OF MATERIALS USED IN MAKING MATERIALS (%)
- TABLE 48 PROPERTIES OF VARIOUS RF COMPONENT MATERIALS
- TABLE 49 RF COMPONENTS MARKET, AMERICAS, BY REGIONS, 2012 – 2017 (\$MILLION)
- TABLE 50 RF COMPONENTS MARKET, AMERICAS, BY COMPONENTS, 2012 – 2017 (\$MILLION)
- TABLE 51 RF COMPONENTS MARKET, NORTH AMERICA, BY COUNTRIES, 2012 – 2017 (\$MILLION)

TABLE 52 RF COMPONENTS MARKET, NORTH AMERICA, BY COMPONENTS, 2012 – 2017 (\$MILLION)

TABLE 53 RF COMPONENTS MARKET, SOUTH AMERICA, BY COUNTRIES, 2012 – 2017 (\$MILLION)

TABLE 54 RF COMPONENTS MARKET, SOUTH AMERICA, BY COMPONENTS, 2012 – 2017 (\$MILLION)

TABLE 55 RF COMPONENTS MARKET, EUROPE, BY COUNTRIES, 2012 – 2017 (\$MILLION)

TABLE 56 RF COMPONENTS MARKET, EUROPE, BY COMPONENTS, 2012 – 2017 (\$MILLION)

TABLE 57 RF COMPONENTS MARKET, APAC, BY COUNTRIES, 2012 – 2017 (\$MILLION)

TABLE 58 RF COMPONENTS MARKET, EUROPE, BY COMPONENTS, 2012 – 2017 (\$MILLION)

TABLE 59 RF COMPONENTS MARKET, ROW, BY REGIONS, 2012 – 2017 (\$MILLION)

TABLE 60 RF COMPONENTS MARKET, EUROPE, BY COMPONENTS, 2012 – 2017 (\$MILLION)

TABLE 61 MAJOR PLAYERS RANK, REVENUE (\$BILLION & MARKET SHARE), 2011 (%)

TABLE 62 MAJOR PLAYERS REVENUE & Y-O-Y % CHANGE

TABLE 63 MERGERS & ACQUISITIONS

TABLE 64 NEW PRODUCT LAUNCH/ DEVELOPMENT

TABLE 65 AGREEMENTS

TABLE 66 OTHER STRATEGIES

TABLE 67 AVAGO REVENUE, 2009 – 2011 (\$MILLION)

TABLE 68 RELATIVE ANALYSIS OF AVAGO TECHNOLOGIES, 2009 – 2011

TABLE 69 RELATIVE ANALYSIS OF SKYWORKS INC., 2009 – 2011

TABLE 70 FREESCALE SEMICONDUCTOR: MARKET REVENUE, BY PRODUCTS, 2009 – 2011 (\$MILLION)

TABLE 71 FREESCALE SEMICONDUCTOR: MARKET REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$MILLION)

TABLE 72 FUJITSU LTD.: MARKET REVENUE, BY PRODUCTS, 2009 – 2011 (\$MILLION)

TABLE 73 FUJITSU LTD.: MARKET REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$MILLION)

TABLE 74 NXP SEMICONDUCTORS N.V: REVENUE & MARKET SHARE, 2010 – 2011 (\$MILLION)

TABLE 75 NXP SEMICONDUCTORS N.V: MARKET REVENUE BY PRODUCT

SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 76 NXP SEMICONDUCTOR N.V: MARKET REVENUE, BY GEOGRAPHY, 2010 – 2011 (\$MILLION)

TABLE 77 RENESAS ELECTRONICS CORP.: MARKET REVENUE, BY PRODUCT SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 78 RENESAS ELECTRONICS CORP.: MARKET REVENUE, BY GEOGRAPHY, 2010 – 2011 (\$MILLION)

TABLE 79 RF MICRO DEVICES, INC.: REVENUE & MARKET SHARE, 2010 – 2011 (\$MILLION)

TABLE 80 RF MICRO DEVICES, INC.: MARKET REVENUE, BY PRODUCTS, 2010 – 2011 (\$MILLION)

TABLE 81 RF MICRO DEVICES, INC.: MARKET REVENUE, BY GEOGRAPHY, 2010 – 2011 (\$MILLION)

TABLE 82 ROHM CO., LTD.: MARKET REVENUE, BY PRODUCT SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 83 ROHM CO., LTD.: MARKET REVENUE BY GEOGRAPHY, 2010 – 2011 (\$MILLION)

TABLE 84 STMICROELECTRONICS: MARKET REVENUE BY PRODUCTS, 2009 – 2011 (\$MILLION)

TABLE 85 STMICROELECTRONICS: MARKET REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$MILLION)

TABLE 86 TRIQUINT SEMICONDUCTOR, INC.: REVENUE & MARKET SHARE, 2010 – 2011 (\$MILLION)

TABLE 87 TRIQUINT SEMICONDUCTOR, INC.: MARKET REVENUE, BY PRODUCTS, 2010 – 2011 (\$MILLION)

TABLE 88 CREE INC: MARKET REVENUE BY PRODUCTS, 2010 – 2011 (\$MILLION)

TABLE 89 CREE INC: MARKET REVENUE, BY GEOGRAPHY, 2010 – 2011 (\$MILLION)

TABLE 90 AIXTRON SE: MARKET REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$MILLION)

TABLE 91 AIXTRON SE: MARKET REVENUE, BY PRODUCTS, 2009 – 2011 (\$MILLION)

TABLE 92 INTERNATIONAL QUANTUM EPITAXY PLC: MARKET REVENUE, BY GEOGRAPHY, 2010 – 2011 (\$MILLION)

TABLE 93 INTERNATIONAL QUANTUM EPITAXY PLC: MARKET REVENUE, BY PRODUCTS, 2010 – 2011 (\$MILLION)

TABLE 94 TEXAS INSTRUMENTS, INC.: MARKET REVENUE BY PRODUCT SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 95 TEXAS INSTRUMENTS, INC.: MARKET REVENUE, BY GEOGRAPHY,



2009 – 2011 (\$MILLION)

TABLE 96 TOSHIBA CORP.: MARKET REVENUE, BY BUSINESS SEGMENTS, 2009 – 2011 (\$MILLION)

TABLE 97 TOSHIBA CORP.: MARKET REVENUE, BY GEOGRAPHY, 2009 – 2011 (\$MILLION)

TABLE 98 FINANCIAL ANALYSIS OF TSMC

TABLE 99 RDA MICROELECTRONICS REVENUE, BY SEGMENTS

TABLE 100 RELATIVE ANALYSIS OF RDA MICROELECTRONICS, 2009 – 2011

TABLE 101 RELATIVE ANALYSIS OF SILICON LABS, 2009 – 2011

## List Of Figures

### LIST OF FIGURES

- FIGURE 1 RF COMPONENTS MARKET RESEARCH STRATEGY
- FIGURE 2 RF COMPONENTS MARKET CRACKDOWN STRATEGY
- FIGURE 3 ARCHITECTURE OF MARKET MODEL
- FIGURE 4 OVERVIEW OF RF COMPONENTS MARKET
- FIGURE 5 ROADMAP OF RF TECHNOLOGY
- FIGURE 6 IMPACT ANALYSIS OF DRIVERS
- FIGURE 7 IMPACT ANALYSIS OF RESTRAINTS
- FIGURE 8 VALUE CHAIN OF RFC MARKET
- FIGURE 9 PORTER FIVE FORCES ANALYSIS
- FIGURE 10 RF COMPONENTS MARKET, 2012 – 2017 (\$MILLION)
- FIGURE 11 APPLICATION SPACE OF RF FILTERS
- FIGURE 12 GAAS SWITCHES MARKET SHARE (2012 – 2017)
- FIGURE 13 HR-SOI SWITCHES MARKET SHARE (2012 – 2017)
- FIGURE 14 SOS SWITCHES MARKET SHARE (2012 – 2017)
- FIGURE 15 COMPARISON OF RF DISCRETE AND MODULE MARKET, 2012 – 2017 (\$MILLION)
- FIGURE 16 MODULES USED IN DIFFERENT TECHNOLOGIES, 2012
- FIGURE 17 CELLULAR PHONES (MILLION UNITS) & Y-0-Y CHANGE(%), 2012 – 2017
- FIGURE 18 E-READERS (MILLION UNITS) & Y-0-Y CHANGE (%), 2012 – 2017
- FIGURE 19 GPS DEVICES (MILLION UNITS) & Y-0-Y CHANGE (%), 2012 – 2017
- FIGURE 20 NOTEBOOK (MILLION UNITS) & Y-0-Y CHANGE (%), 2012 – 2017
- FIGURE 21 SMART TV'S (MILLION UNITS) & Y-0-Y CHANGE (%), 2012 – 2017
- FIGURE 22 SET TOP BOXES (MILLION UNITS) & Y-0-Y CHANGE (%), 2012 – 2017
- FIGURE 23 MATRIX DIAGRAM OF MATERIALS AND FREQUENCY
- FIGURE 24 RF COMPONENTS MARKET, BY GEOGRAPHY, 2012 – 2017 (\$MILLION)
- FIGURE 25 RF COMPONENTS MARKET, AMERICAS, 2012 – 2017 (\$MILLION)
- FIGURE 26 KEY GROWTH STRATEGIES, 2009 – 2012
- FIGURE 27 FREESCALE SEMICONDUCTOR INC.: BUSINESS SEGMENTS
- FIGURE 28 FUJITSU LTD.: PRODUCT APPLICATIONS
- FIGURE 29 RENESAS ELECTRONICS CORP.: PRODUCTS & SERVICES
- FIGURE 30 RENESAS ELECTRONICS CORP.: PERCENTAGE SHARE OF RENESAS'S MCU BUSINESS, BY GEOGRAPHY, 2011
- FIGURE 31 RENESAS ELECTRONICS CORP.: RENESAS'S BUSINESS UNITS REVENUE SEGMENTATION

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