

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.

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