

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) RF Amplifier Chips Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G1DA16F5D1EEN.html>

Date: July 2018

Pages: 136

Price: US\$ 4,880.00 (Single User License)

ID: G1DA16F5D1EEN

Abstracts

This report studies the RF Amplifier Chips market, A RF amplifier chip is an integrated circuit that amplifies Radio Frequency (RF) signals with frequencies ranging from low MHz to 10+ GHz. RF amplifier chips exist in almost all wireless communications systems such as smartphones, GPS receivers and satellite receivers. Typically the RF signal received from the antenna is amplified by the low noise amplifier (LNA) before passing through to other blocks within the RF receiver (filter, Analog-to-digital converter, etc.). LNAs introduce minimal noise in order to maximize the signal-to-noise ratio (SNR). The second family of the RF amplifiers is the power amplifier (PA), typically part of the transmitter path of the RF signal chain. PAs have high gains and are known for their high Shipment power capabilities.

Some key RF amplifier specifications are: gain, gain bandwidth, noise figure and 3rd-order intercepts. The RF amplifier gain is specified in units of dB, defined as the ratio of the Shipment power to the input power. The gain bandwidth is the bandwidth for which the RF amplifier has this gain. The noise figure of an RF amplifier is a parameter that determines the added noise to the overall signal. Finally, the third-order intercept (IP3 or TOI) is a parameter that determines the linearity of the amplifier.

Scope of the Report:

This report focuses on the RF Amplifier Chips in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. RF Amplifier Chips industry is relatively concentrated; manufacturers are mostly in the North America and Asia-Pacific. Among them, China Shipment value accounted for

more than 39.10% of the total Shipment value of global RF Amplifier Chips in 2016. Skyworks is the world leading manufacturers in global RF Amplifier Chips market with the market share of 26.38%, in terms of revenue in 2016.

Compared to 2015, RF Amplifier Chips market managed to increase sales revenue by 3.10% to 4647.85 million USD worldwide in 2016 from 4507.99 million USD in 2015.

With the increasing in production capacity, expected that the RF Amplifier Chips raw material price will be stable in the short term. However, the improvement of energy, transportation costs, and labor costs, will play a significant role in promoting the cost of RF Amplifier Chips.

The worldwide market for RF Amplifier Chips is expected to grow at a CAGR of roughly 2.0% over the next five years, will reach 5400 million US\$ in 2023, from 4810 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Skyworks

Broadcom

Qorvo

Infineon

NXP(Freescale)

Microchip Technology

Murata

Qualcomm

Texas Instruments

Analog Devices

Maxim Integrated

IDT

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

RF Power Amplifiers (PAs)

RF Low Noise Amplifiers (LNAs)

Market Segment by Applications, can be divided into

Telecommunications

Consumer Electronics

Others

There are 15 Chapters to deeply display the global RF Amplifier Chips market.

Chapter 1, to describe RF Amplifier Chips Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of RF Amplifier Chips, with sales, revenue, and price of RF Amplifier Chips, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of RF Amplifier Chips, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, RF Amplifier Chips market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe RF Amplifier Chips sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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