

Global radio-frequency (RF) power semiconductor devices market (By Product- RF Duplexers, RF Power Amplifiers, RF Switches, Others. By Material- Cadmium Sulphide (CDS), Gallium Arsenide (GaAs), Gallium Nitride (GaN), Gallium Phosphide High Electron Mobility Transistor (Gap HEMT), Silicon (S), Silicon Carbide (SiC), Silicon Germanium, Indium Phosphide (INP) Wafers, and others. By Frequency- 60 GHz, and Others. By Application- Aerospace & Defense Application, Automotive Application, Consumer Application, Industrial Application, Medical Application, Telecommunication and Data Communication Application, and Others) – Global Industry Analysis, Size, Share, Growth, Trends, and Forecast, 2017 – 2025”

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Abstracts

The report covers the analysis and forecast of the radio-frequency (RF) power semiconductor devices market on global as well as regional level. The study provides historic data of 2016 along with the forecast for the period between 2017 and 2025 based on revenue (US\$ Mn).

The study provides a detailed view of the radio-frequency (RF) power semiconductor devices market, by segmenting it based on by product, by material, by frequency, by

application and regional demand. Radio frequency (RF) power semiconductor devices works as the power management systems of several industries such as the automotive and consumer electronics. The RF power semiconductor devices are used areas such as military, medical, telecommunication, automotive, aerospace, energy, consumer applications, and data communication. Development and launch of new products by major players present in the market, is also expected to make the radio-frequency (RF) power semiconductor devices market more demanding in the near future.

Regional segmentation includes the current and forecast demand for North America, Europe, Asia Pacific, Middle East and Africa and Latin America. The segmentation also includes by product, by material, by frequency, by application. These include different business strategies adopted by the leading players and their recent developments.

A comprehensive analysis of the market dynamics that is inclusive of market drivers, restraints, and opportunities is part of the report. Additionally, the report includes potential opportunities in the radio-frequency (RF) power semiconductor devices market at the global and regional levels. Market dynamics are the factors which impact the market growth, so their analysis helps understand the ongoing trends of the global market. Therefore, the report provides the forecast of the global market for the period from 2017 to 2025, along with offering an inclusive study of the radio-frequency (RF) power semiconductor devices market.

The report provides the size of the radio-frequency (RF) power semiconductor devices market in 2017 and the forecast for the next eight years up to 2025. The size of the global radio-frequency (RF) power semiconductor devices market is provided in terms of revenue. Market revenue is defined in US\$ Mn. The market dynamics prevalent in North America, Europe, Asia Pacific, Middle East and Africa and Latin America has been taken into account in estimating the growth of the global market.

Market estimates for this study have been based on revenue being derived through regional pricing trends. The radio-frequency (RF) power semiconductor devices market has been analyzed based on expected demand. Bottom-up approach is done to estimate the global revenue of the radio-frequency (RF) power semiconductor devices market, split into regions. Based on product, material, frequency, application, the individual revenues from all the regions is summed up to achieve the global revenue for radio-frequency (RF) power semiconductor devices market. Companies were considered for the market share analysis, based on their innovation and application and revenue generation. In the absence of specific data related to the sales of radio-

frequency (RF) power semiconductor devices by several privately held companies, calculated assumptions have been made in view of the company's penetration and regional presence.

The report covers a detailed competitive outlook that includes the market share and company profiles of key players operating in the global market are Ampleon Netherlands, Broadcom Limited, Fujitsu Semiconductor, Infineon Technologies AG, Integra Technologies, M/A-Com Technology Solutions Holdings, Inc, Microsemi, Mitsubishi Electric Corporation, Murata Manufacturing Co., Ltd., NXP Semiconductors N.V., Qorvo, Inc., Qualcomm Inc., Skyworks Solutions, Inc., Toshiba Corporation, and few others likely to be named.

The global radio-frequency (RF) power semiconductor devices market has been segmented into:

Global Radio-Frequency (RF) Power Semiconductor Devices Market: By Product

RF Duplexers

RF Power Amplifiers

RF Switches

Others

Global Radio-Frequency (RF) Power Semiconductor Devices Market: By Material

Cadmium Sulphide (CDS)

Gallium Arsenide (GaAs)

Gallium Nitride (GaN)

Gallium Phosphide High Electron Mobility Transistor (GaP HEMT)

Silicon (S)

Silicon Carbide (SiC)

Silicon Germanium

Indium Phosphide (INP) Wafers

Others

Global Radio-Frequency (RF) Power Semiconductor Devices Market: By Frequency

60 GHz

Global Radio-Frequency (RF) Power Semiconductor Devices Market: By Application

Aerospace & Defense Application

Automotive Application

Consumer Application

Industrial Application

Medical Application

Telecommunication and Data Communication Application

Others

Global Radio-Frequency (RF) Power Semiconductor Devices Market: By Geography

North America

U.S.

Canada

Mexico

Europe

U.K.

France

Germany

Italy

Rest of Europe

Asia Pacific

India

China

Japan

Rest of Asia Pacific

Middle East and Africa

South Africa

Rest of Middle East and Africa

Latin America

Brazil

Rest of Latin America

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