

# Global RF Power Detector Market Research Report 2016

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## Abstracts

This report studies RF Power Detector in Global market, especially in North America, Europe, China, Japan, Taiwan and India, focuses on top manufacturers in global market, with capacity, production, price, revenue and market share for each manufacturer, covering

Fairchild Semiconductor

International Rectifier

SiGe Semiconductor, Inc.

Analog Devices.

Texas Instruments

Skyworks Solutions Inc.

Torex Semiconductor

Linear Technology

Freescale Semiconductor, Inc

National Semiconductor

Aimtron Technology

AVAGO TECHNOLOGIES LIMITED

STMicroelectronics

Maxim Integrated Products

Intersil Corporation

Market Segment by Regions, this report splits Global into several key Regions, with production, consumption, revenue, market share and growth rate of RF Power Detector in these regions, from 2011 to 2021 (forecast), like

North America

China

Europe

Japan

Taiwan

India

Row

Split by Product Types, with production, revenue, price, market share and growth rate of each type, can be divided into

Linear RMS Detector

Logarithmic RMS Detector

Non-RMS Detector

Envelope/Peak Detectors

SDLVA

Split by applications, this report focuses on consumption, market share and growth rate of RF Power Detector in each application, can be divided into

802.11

3G

CDMA/CDMA2000

EDGE

GPRS

GPS

GSM

LAN

LTE

OFDMA

TDMA

UMTS

UTMS

W-CDMA

WAP

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## 1 RF Power Detector Market Overview

### 1.1 Product Overview and Scope of RF Power Detector

A detector recovers information of interest that is contained in a modulated wave. The term “detector” dates back from the early days of radio use, when all transmissions were done in Morse code and it was only necessary to detect the presence of a radio wave using a device such as a coherer without necessarily making it audible. A more updated term would be “demodulator”.

Figure Picture of RF Power Detector

Source: QYR Electronics Research Center, Dec. 2016

### 1.2 RF Power Detector Segment by Types

#### 1.2.1 Global Production Market Share of RF Power Detector by Types in 2015

Figure Global Production Market Share of RF Power Detector by Types in 2015

Source: QYR Electronics Research Center, Dec. 2016

Table Classification of RF Power Detector

Types

Feature

Description

1

2

3

Source: QYR Electronics Research Center, Dec. 2016

#### 1.2.2 Linear RMS Detector

Figure Product Picture of Linear RMS Detector

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of Linear RMS Detector

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

...

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

#### 1.2.3 Logarithmic RMS Detector

Figure Product Picture of Logarithmic RMS Detector

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of Logarithmic RMS Detector

Manufacturers

Location of Manufacturing Bases/Factories

1



2

3

...

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

## 1.2.4 Non-RMS Detector

Figure Product Picture of Non-RMS Detector

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of Non-RMS Detector

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

...

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

## 1.2.5 Envelope/Peak Detectors

Figure Product Picture of Envelope/Peak Detectors

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of Envelope/Peak Detectors

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

...

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

## 1.2.6 SDLVA

Figure Product Picture of SDLVA

Source: QYR Electronics Research Center, Dec. 2016

Table Major Manufacturers of SDLVA

Manufacturers

Location of Manufacturing Bases/Factories

1

2

3

...

Source: Above Companies; QYR Electronics Research Center, Dec. 2016

## 1.3 RF Power Detector Segment by Applications

## 1.3.1 RF Power Detector Consumption Market Share by Applications in 2015

Table RF Power Detector Consumption Market Share by Applications in 2015

Source: QYR Electronics Research Center, Dec. 2016

Table Applications of RF Power Detector

Applications

Feature

Description

1

2

3

Source: QYR Electronics Research Center, Dec. 2016

1.3.2 802.11

802.11

Figure 802.11 Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.3 3G

3G

Figure 3G Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.4 CDMA/CDMA2000

CDMA/CDMA2000

Figure CDMA/CDMA2000 Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.5 EDGE

EDGE

Figure EDGE Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.6 GPRS

GPRS

Figure GPRS Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.7 GPS

GPS

Figure GPS Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.8 GSM

GSM

Figure GSM Examples

Source: QYR Electronics Research Center, Dec. 2016

1.3.9 LAN

## LAN

### Figure LAN Examples

Source: QYR Electronics Research Center, Dec. 2016

#### 1.3.10 LTE

## LTE

### Figure LTE Examples

Source: QYR Electronics Research Center, Dec. 2016

#### 1.3.11 OFDMA

## OFDMA

### Figure OFDMA Examples

Source: QYR Electronics Research Center, Dec. 2016

#### 1.3.612 TDMA

## TDMA

### Figure TDMA Examples

Source: QYR Electronics Research Center, Dec. 2016

#### 1.3.613 UMTS

## UMTS

### Figure UMTS Examples

Source: QYR Electronics Research Center, Dec. 2016

#### 1.3.14 UTMS

## UTMS

### Figure UTMS Examples

Source: QYR Electronics Research Center, Dec. 2016

#### 1.3.15 W-CDMA

## W-CDMA

### Figure W-CDMA Examples

Source: QYR Electronics Research Center, Dec. 2016

#### 1.3.16 WAP

## WAP

### Figure WAP Examples

Source: QYR Electronics Research Center, Dec. 2016

## 1.4 RF Power Detector Market by Regions

### 1.4.1 North America Status and Prospect (2011-2021)

Figure North America RF Power Detector Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

### 1.4.2 China Status and Prospect (2011-2021)

Figure China RF Power Detector Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

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Source: QYR Electronics Research Center, Dec. 2016

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Figure India RF Power Detector Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

### 1.4.7 Row Status and Prospect (2011-2021)

Figure Row RF Power Detector Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

## 1.5 Global Market Size (Value) of RF Power Detector (2011-2021)

Figure Global RF Power Detector Revenue (Million USD) and Growth Rate (2011-2021)

Source: QYR Electronics Research Center, Dec. 2016

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Capacity

2015

2016

Fairchild Semiconductor

International Rectifier

SiGe Semiconductor, Inc.

Analog Devices.

Texas Instruments

...

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Global RF Power Detector Capacity Market Share of Key Manufacturers (2015 and 2016)

Capacity

2015

2016

Fairchild Semiconductor

International Rectifier

SiGe Semiconductor, Inc.

Analog Devices.

Texas Instruments

...

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure Global RF Power Detector Capacity of Key Manufacturers in 2015

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure Global RF Power Detector Capacity of Key Manufacturers in 2016

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Global RF Power Detector Production of Key Manufacturers (2015 and 2016)

Production

2015

2016

Fairchild Semiconductor

International Rectifier

SiGe Semiconductor, Inc.

Analog Devices.

Texas Instruments

...

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Global RF Power Detector Production Share by Manufacturers (2015 and 2016)

Production Share

2015

2016

Fairchild Semiconductor

International Rectifier

...

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure 2015 RF Power Detector Production Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure 2016 RF Power Detector Production Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.2 Global RF Power Detector Revenue and Share by Manufacturers (2015 and 2016)

Table Global RF Power Detector Revenue (Million USD) by Manufacturers (2015 and 2016)

Revenue

2015

2016

Fairchild Semiconductor

International Rectifier

...

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Global RF Power Detector Revenue Share by Manufacturers (2015 and 2016)

Revenue Share

2015

2016

Fairchild Semiconductor

International Rectifier

...

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table 2015 Global RF Power Detector Revenue Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table 2016 Global RF Power Detector Revenue Share by Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.3 Global RF Power Detector Average Price by Manufacturers (2015 and 2016)

Table Global Market RF Power Detector Average Price of Key Manufacturers (2015 and 2016)

2015

2016

Fairchild Semiconductor

International Rectifier

...

Total

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure Global Market RF Power Detector Average Price of Key Manufacturers in 2015

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.4 Manufacturers RF Power Detector Manufacturing Base Distribution, Sales Area, Product Types

Table Manufacturers RF Power Detector Manufacturing Base Distribution and Sales Area

Manufacturing Base Distribution

Sales Area

Fairchild Semiconductor

International Rectifier

...

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Table Manufacturers RF Power Detector Product Types

Product Types

Fairchild Semiconductor

International Rectifier

...

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.5 RF Power Detector Market Competitive Situation and Trends?

2.5.1 RF Power Detector Market Concentration Rate

2.5.2 RF Power Detector Market Share of Top 3 and Top 5 Manufacturers

Figure RF Power Detector Market Share of Top 3 Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

Figure RF Power Detector Market Share of Top 5 Manufacturers

Source: Above companies; QYR Electronics Research Center, Dec. 2016

2.5.3 Mergers & Acquisitions, Expansion

3 Global RF Power Detector Capacity, Production, Revenue (Value) by Regions  
(2011-2016)

3.1 Global RF Power Detector Capacity and Market Share by Regions (2011-2016)

Table Global RF Power Detector Capacity by Regions (2011-2016)

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global RF Power Detector Capacity Market Share by Regions (2011-2016)

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global RF Power Detector Capacity Market Share by Regions (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global RF Power Detector Capacity Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.2 Global RF Power Detector Production and Market Share by Regions (2011-2016)

Table Global RF Power Detector Production by Regions (2011-2016)

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total



Source: QYR Electronics Research Center, Dec. 2016

Figure Global RF Power Detector Production and Market Share by Regions  
(2011-2016)

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global RF Power Detector Production Market Share by Regions (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global RF Power Detector Production Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.3 Global RF Power Detector Revenue (Value) and Market Share by Regions  
(2011-2016)

Table Global RF Power Detector Revenue by Regions (2011-2016)

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global RF Power Detector Revenue Market Share by Regions (2011-2016)

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Table 2015 Global RF Power Detector Revenue Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

3.4 Global RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Global RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

2011

2012

2013

2014

2015

2016

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

## Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

### 3.5 North America RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table North America RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

2011

2012

2013

2014

2015

2016

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

### 3.6 Europe RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Europe RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

2011

2012

2013

2014

2015

2016

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

### 3.7 China RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table China RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

2011

2012

2013

2014

2015

2016

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

### 3.8 Japan RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Japan RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

2011

2012

2013

2014

2015

2016

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

### 3.9 Taiwan RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table Taiwan RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

2011

2012

2013

2014

2015

2016

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

### 3.10 India RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Table India RF Power Detector Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

2011

2012

2013

2014

2015

2016

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

### 3.11 Row RF Power Detector Capacity, Production, Revenue, Price and Gross Margin

(2011-2016)

Table Row RF Power Detector Capacity, Production, Revenue, Price and Gross Margin

(2011-2016)

2011

2012

2013

2014

2015

2016

Capacity

Production

Capacity Utilization Rate

Revenue

Price

Gross Profit

Cost

Gross Margin

Source: QYR Electronics Research Center, Dec. 2016

4 Global RF Power Detector Supply (Production), Consumption, Export, Import by Regions (2011-2016)

4.1 Global RF Power Detector Consumption by Regions (2011-2016)

Table Global RF Power Detector Consumption Market by Regions (2011-2016)

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global RF Power Detector Consumption Market Share by Regions (2011-2016)

2011

2012

2013

2014

2015

2016

North America

Europe

China

Japan

Taiwan

India

Row

ROW

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Global RF Power Detector Consumption Market Share by Regions (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Global RF Power Detector Consumption Market Share by Regions

Source: QYR Electronics Research Center, Dec. 2016

4.2 North America RF Power Detector Production, Consumption, Export, Import by Regions (2011-2016)

Table North America RF Power Detector Production, Consumption, Import & Export (2011-2016)

2011

2012

2013

2014

2015

2016

Production

Import

Export

Consumption

Source: QYR Electronics Research Center, Dec. 2016

4.3 Europe RF Power Detector Production, Consumption, Export, Import by Regions (2011-2016)

Table Europe RF Power Detector Production, Consumption, Import & Export (2011-2016)

2011

2012

2013

2014

2015

2016

Production

Import

Export

Consumption

Source: QYR Electronics Research Center, Dec. 2016

4.4 China RF Power Detector Production, Consumption, Export, Import by Regions  
(2011-2016)

Table China RF Power Detector Production, Consumption, Import & Export (2011-2016)

2011

2012

2013

2014

2015

2016

Production

Import

Export

Consumption

Source: QYR Electronics Research Center, Dec. 2016

4.5 Japan RF Power Detector Production, Consumption, Export, Import by Regions  
(2011-2016)

Table Japan RF Power Detector Production, Consumption, Import & Export  
(2011-2016)

2011

2012

2013

2014

2015

2016

Production

Import

Export

Consumption



Source: QYR Electronics Research Center, Dec. 2016

#### 4.6 Taiwan RF Power Detector Production, Consumption, Export, Import by Regions (2011-2016)

Table Taiwan RF Power Detector Production, Consumption, Import & Export  
(2011-2016)

2011

2012

2013

2014

2015

2016

Production

Import

Export

Consumption

Source: QYR Electronics Research Center, Dec. 2016

#### 4.7 India RF Power Detector Production, Consumption, Export, Import by Regions (2011-2016)

Table India RF Power Detector Production, Consumption, Import & Export (2011-2016)

2011

2012

2013

2014

2015

2016

Production

Import

Export

Consumption

Source: QYR Electronics Research Center, Dec. 2016

#### 4.8 Row RF Power Detector Production, Consumption, Export, Import by Regions (2011-2016)

Table Row RF Power Detector Production, Consumption, Import & Export (2011-2016)

2011

2012

2013

2014

2015

2016

Production

Import

Export

Consumption

Source: QYR Electronics Research Center, Dec. 2016

5 Global RF Power Detector Production, Revenue (Value), Price Trend by Types

5.1 Global RF Power Detector Production and Market Share by Types (2011-2016)

Table Global RF Power Detector Production by Types (2011-2016)

2011

2012

2013

2014

2015

2016

Linear RMS Detector

Logarithmic RMS Detector

...

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global RF Power Detector Production Share by Types (2011-2016)

2011

2012

2013

2014

2015

2016

Linear RMS Detector

Logarithmic RMS Detector

...

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Production Market Share of RF Power Detector by Types (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Production Market Share of RF Power Detector by Types

Source: QYR Electronics Research Center, Dec. 2016

5.2 Global RF Power Detector Revenue and Market Share by Types (2011-2016)

Table Global RF Power Detector Revenue by Types (2011-2016)

2011

2012

2013

2014

2015

2016

Linear RMS Detector

Logarithmic RMS Detector

...

Total

Source: QYR Electronics Research Center, Dec. 2016

Table Global RF Power Detector Revenue Share by Types (2011-2016)

2011

2012

2013

2014

2015

2016

Linear RMS Detector

Logarithmic RMS Detector

...

Total

Source: QYR Electronics Research Center, Dec. 2016

Figure Production Revenue Share of RF Power Detector by Types (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

Figure 2015 Revenue Market Share of RF Power Detector by Types

Source: QYR Electronics Research Center, Dec. 2016

5.3 Global RF Power Detector Price by Type (2011-2016)

Table Global RF Power Detector Price by Types (2011-2016)

2011

2012

2013

2014

2015

2016

Linear RMS Detector

Logarithmic RMS Detector

...

Total

Source: QYR Electronics Research Center, Dec. 2016

5.4 Global RF Power Detector Production Growth by Type (2011-2016)

Figure Global RF Power Detector Production Growth by Type (2011-2016)

Source: QYR Electronics Research Center, Dec. 2016

6 Global RF Power Detector Market Analysis by Applications

6.1 Global RF Power Detecto

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