
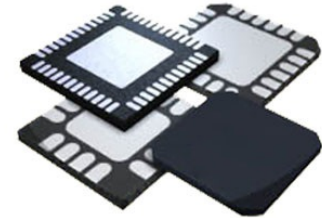


## High-Power (+22 dBm) 802.11ac WLAN Power

<b>Manufacturer:</b>	<a href="#">Skyworks Solutions, Inc</a>
<b>Package/Case:</b>	QFN
<b>Product Type:</b>	RF Integrated Circuits
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

## General Description

Skyworks SKY85402-11 is a 5 GHz Microwave Monolithic Integrated Circuit (MMIC) Power Amplifier (PA) with superior output power, linearity, and efficiency. These features make the SKY85402-11 ideal for Wireless Local Area Network (WLAN IEEE802.11ac) applications.

The device is fabricated using SiGe BiCMOS technology. The device is internally matched and mounted in a 20-pin, 4 x 4 mm Quad Flat No-Lead (QFN) Surface-Mounted Technology (SMT) package, which allows for a highly manufacturable low cost solution.

## Key Features

- Linear output power for IEEE 802.11ac 256-QAM, EVM < 1.8% = +22 dBm @ 5.0 V or +19 dBm @ 3.3 V
- High gain: 32 dB
- Power shutdown mode
- Superior gain flatness
- Fully matched at RF input/output ports
- Load insensitive power detector
- Small footprint QFN (20-pin, 4 x 4 mm) SMT package (MSL3, 260 °C per JEDEC J-STD-020)

## Application

- Routers and Gateways
- Set-Top Boxes

## Recommended For You

### SKY85712-21

Skyworks Solutions, Inc  
QFN

### SKY13373-460LF

Skyworks Solutions, Inc  
QFN

### SKY65404-31

Skyworks Solutions, Inc  
QFN

**SKY67151-396LF**

Skyworks Solutions, Inc

QFN

**SKY65723-81**

Skyworks Solutions, Inc

DFN-6

**SKY13320-374LF**

Skyworks Solutions, Inc

QFN

**SKY13415-485LF**

Skyworks Solutions, Inc

QFN14

**SKY13585-679LF**

Skyworks Solutions, Inc

QFN

**SKY85712-11**

Skyworks Solutions, Inc

QFN

**SKY13416-485LF**

Skyworks Solutions, Inc

QFN

**SKY13431-374LF**

Skyworks Solutions, Inc

DFN6

**SKY13372-467LF**

Skyworks Solutions, Inc

QFN

**SKY67150-396LF**

Skyworks Solutions, Inc

DFN6

**SKY13414-485LF**

Skyworks Solutions, Inc

QFN

**SKY65405-21**

Skyworks Solutions, Inc

QFN