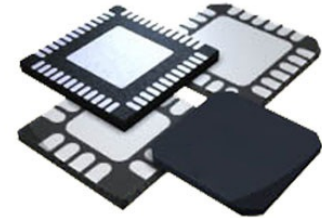


LNA/PA RF Front End 16-Pin QFN



Images are for reference only

[Inquiry](#)

Manufacturer: [Skyworks Solutions, Inc](#)

Package/Case: QFN

Product Type: RF Integrated Circuits

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The SKY85325-11 is a complete 802.11 256 QAM WLAN RF front-end module (FEM). The device provides all the functionality of a fully matched power amplifier (PA), power detector, low-noise amplifier (LNA), and single-pole, double-throw (SPDT) switch.

The SKY85325-11 provides a complete 2.4 GHz WLAN RF solution from the output of the transceiver to the antenna, and from the antenna to the input of the transceiver. The LNA increases the receive sensitivity of embedded solutions to improve range. The SKY85325-11 also includes a transmitter power detector with 20 dB of dynamic range, and a digital enable control for transmitter power ramp on/off control.

The device is provided in an ultra-compact, 16-pin, 2.5 x 2.5 mm Quad Flat No-Lead (QFN) package.

Key Features

Integrated high-performance 2.4 GHz PA, LNA with bypass, and T/R switch

LNA with integrated bypass mode

Transmit gain: 25 dB

Receive gain: 16 dB

Output power: +18.0 dBm, MCS9, HT40

Output power: +19 dBm, MCS7

Small QFN (16-pin, 2.5 mm x 2.5 mm) package (MSL1, 260 °C per JEDEC J-STD-020)

Application

Wireless Audio/Video

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