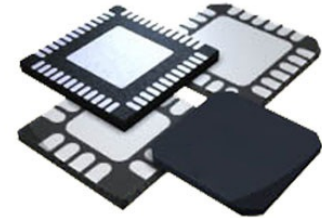


LNA/PA RF Front End 24-Pin QFN



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 SKY85309-11 is a highly integrated, 2.4 GHz front-end module (FEM) incorporating a 2.4 GHz single-pole, double-throw (SPDT) transmit/receive (T/R) switch, a 2.4 GHz low-noise amplifier (LNA) with bypass, and a 2.4 GHz power amplifier (PA) intended for high-power 802.11ac applications and systems.

The LNA and PA disable functions ensure low leakage current in off mode. An integrated power detector is included to provide closed-loop power control within the system.

The device is provided in a compact, 24-pin 3 x 5 mm Quad Flat No-Lead (QFN) package.

Key Features

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

Fully-matched input and output

Integrated power detector and directional coupler

Transmit gain: 32 dB

Receive gain: 12 dB

Output power: +22 dBm @ 1.8% EVM, HT40, MCS9, 5 V

Output power: +24 dBm @ 3% EVM, HT40, MCS7, 5 V

Small, QFN (24-pin, 3 x 5 mm) package (MSL3, 260°C per JEDEC J-STD-020)

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