


LNA/PA RF Front End 16-Pin QFN

Manufacturer:	Skyworks Solutions, Inc
Package/Case:	QFN
Product Type:	RF Integrated Circuits
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SKY85712-11 is a highly-integrated, 5 GHz Front-End Module (FEM) incorporating a 5 GHz Single-Pole, Double-Throw (SPDT) transmit/receive (T/R) switch, a 5 GHz Low-Noise Amplifier (LNA) with bypass, and a 5 GHz Power Amplifier (PA) intended for mobile/portable 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, 16-pin 3 x 3 mm Quad Flat No-Lead (QFN) package.

Key Features

Integrated high performance 5-GHz PA, LNA with bypass, and T/R switch

Fully-matched input and output

Integrated power detector and directional coupler

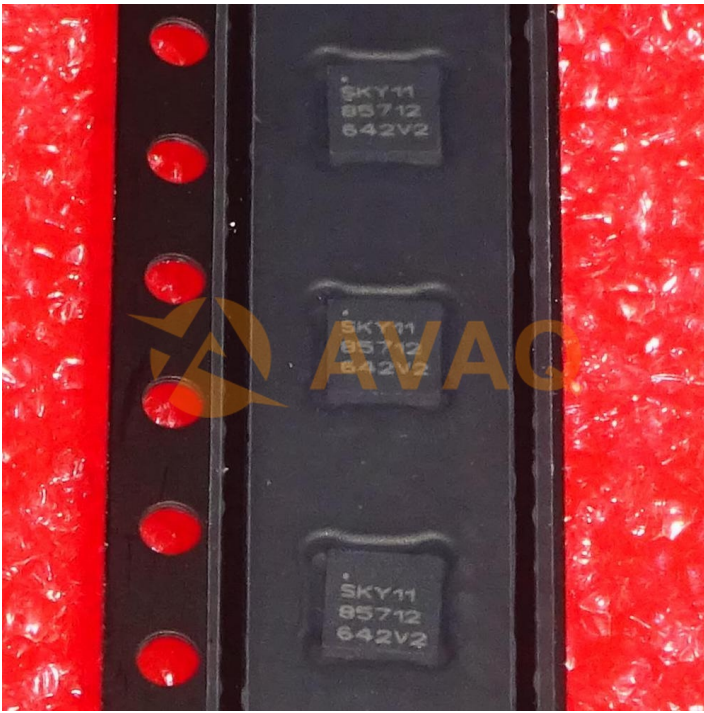
Transmit gain: 28 dB

Receive gain: 12 dB

Output power: +17 dBm @ 1.8% EVM, HT80, MCS9

Output power: +18 dBm @ 3% EVM, HT40, MCS7

Small, QFN (16-pin, 3 x 3 mm) package (MSL1, 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

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

SKY13446-374LF

Skyworks Solutions, Inc

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