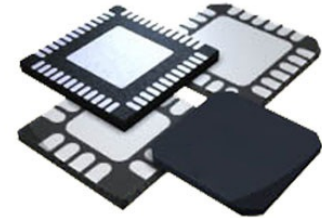


Module 802.11a/b/g 32-Pin QFN EP T/R



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 SE2595L is a complete 802.11n WLAN RF frontend module providing all the functionality of the power amplifiers, LNA, power detector, T/R switch, diplexers and associated matching. The SE2595L provides a complete 2.4 GHz and 5 GHz WLAN Multiple Input, Multiple Output (MIMO) RF solution from the output of the transceiver to the antennas in a compact form factor.

The receive path is designed to maximize performance by providing both a low noise amplifier as well as a bypass state, for use when high power signals are being received.

Designed for ease of use, all RF ports are matched to 50 Ω to simplify PCB layout and the interface to the transceiver RFIC. The SE2595L also includes a transmitter power detector for each band with 20 dB of dynamic range. The power ramp rise/fall time is less than 0.5 μ s.

The device also provides band pass filters for both the a and b/g bands prior to the input of each 2.4 GHz and 5 GHz power amplifiers, respectively.

Key Features

1 Transmit and 1 receive path architecture for use as MIMO building block.

All RF ports matched to 50 Ω

Integrated 2.4/5 GHz PA, 2.4/5 GHz LNA, TX Filter, T/R switches and diplexers

Integrated Power Detector

19 dBm O/P Power, 802.11b, 11 Mbits, ACPR = 32 dBc

18 dBm @ 3.0 % EVM, 802.11g, 54 Mbits

16 dBm @ 3.0 % EVM, 802.11a, 54 Mbits

Single supply voltage: 3.3 V \pm 10 %

Lead free, Halogen Free and RoHS compliant

Thin lead free plated package, 4 mm x 6 mm x 0.9 mm, MSL 1

Recommended For You

SE5003L-R

Skyworks Solutions, Inc

QFN

SE2547A-R

Skyworks Solutions, Inc

QFN

SE5012T-R

Skyworks Solutions, Inc

QFN

SE5007T-R

Skyworks Solutions, Inc

QFN

SE2432L-R

Skyworks Solutions, Inc

QFN-24

SE4150L-R

Skyworks Solutions, Inc

QFN

SE2435L-R

Skyworks Solutions, Inc

QFN24

SE2438T

Skyworks Solutions, Inc

QFN

SE2436L

Skyworks Solutions, Inc

QFN

SE2431L-R

Skyworks Solutions, Inc

QFN

SE2435L

Skyworks Solutions, Inc

QFN24

SE5516A-R

Skyworks Solutions, Inc

QFN

SE2568U-R

Skyworks Solutions, Inc

QFN

SE2550BL-R

Skyworks Solutions, Inc

QFN

SE2577L-R

Skyworks Solutions, Inc

QFN16