



SKYWORKS®

PRODUCT SUMMARY

SKY67208-11: 3300 to 4200 MHz Dual Wideband LNA with Fail-Safe Switch and TX Power Sensing

Applications

- 5G NR and 4G LTE systems
- Massive MIMO base station receive chains
- Outdoor small cells and micro base station receive chains
- High performance radio links

Features

- Frequency range: 3300 to 4200 MHz
- Low power consumption:
190 mW per channel in RX mode
- Dual channel
- 1-bit fast DSA with 6 dB step
- TX power sensing
- Single dc supply: 3.3 V
- Internal RF match and bias circuits
- Operating temperature: -40 to 105 °C
- Small footprint, 32-pin, 5 x 5 mm package (MSL3, 260 °C per JEDEC-J-STD-020)
- For RoHS and other product compliance information, see the [Skyworks Certificate of Conformance](#).

Description

The SKY67208-11 is a dual wideband LNA with fail-safe switch and TX power sensing for TDD M-MIMO, 5G NR, 4G LTE cellular infrastructure systems operating in the 3300 to 4200 MHz band.

The SKY67208-11 contains two independently controlled channels. Each channel has one digital 0 to 6 dB attenuator and TX power sensing.

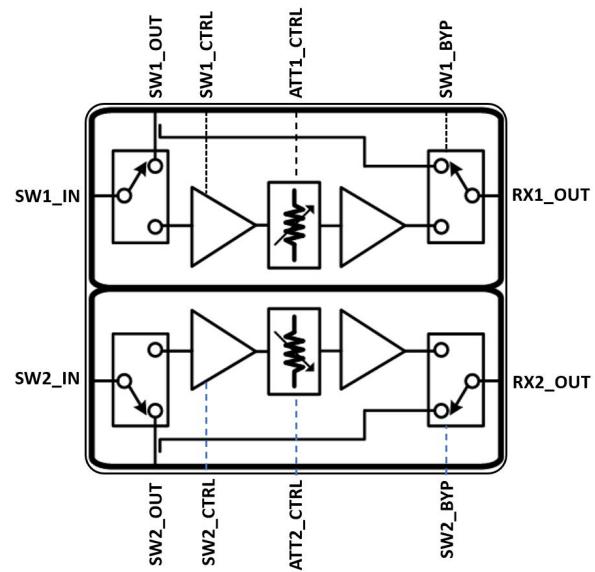


Figure 1. Functional Block Diagram

The SKY67208-11 is provided in a 32-pin, 5 x 5 mm package, enabling a highly manufacturable, low-cost solution.

A block diagram is shown in Figure 1.

Ordering Information

Part Number	Description	Evaluation Board Part Number
SKY67208-11	3300 to 4200 MHz Dual Wideband LNA with Fail-Safe Switch and TX Power Sensing	SKY67208-11EK1

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