

PRODUCT SUMMARY

SKY65174-11: 2.4 – 2.5 GHz WLAN Power Amplifier Module

Applications

- IEEE 802.11 b/g/n WLAN systems
- ISM band transmitters
- Wireless access points, routers, gateways

Features

- PA linear output power: +27 dBm @ <2.5% EVM
- High gain: 35 dB
- Input/Output internally matched to 50 Ω
- Internal, active bias circuits
- MCM (10-pin, 4 x 4 mm) package (MSL3, 260 °C per JEDEC J-STD-020)



Skyworks offers lead (Pb)-free RoHS (Restriction of Hazardous Substances) compliant packaging.

Description

The SKY65174-11 is a highly integrated Power Amplifier Module (PAM) intended for high performance Wireless Local Area Network (WLAN) requiring up to +27 dBm linear output power.

The PAM is packaged in a 10-pin, 4 x 4 mm Multi-Chip Module (MCM) together with power detector, biasing, and input/output matching components. This provides a high performance, highly integrated solution with minimal external components.

Figure 1 shows a functional block diagram for the SKY65174-11.

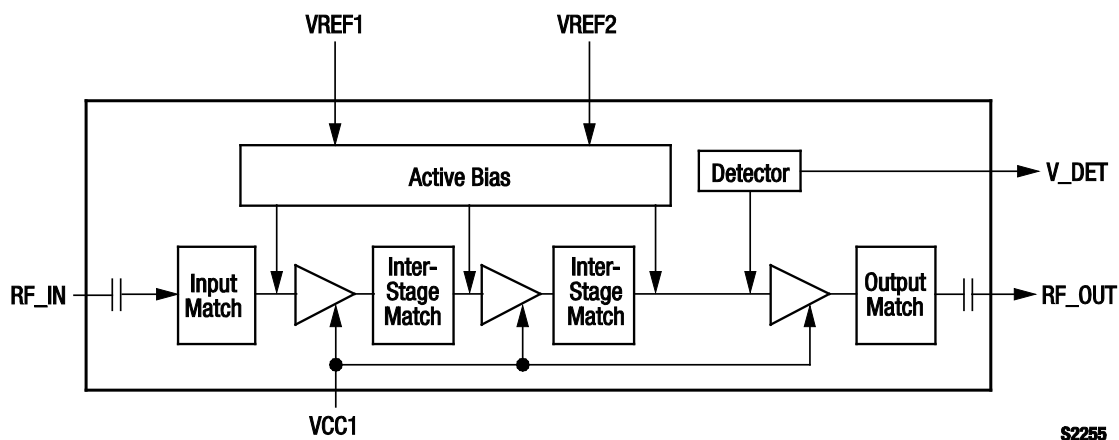


Figure 1. SKY65174-11 PAM Block Diagram

Ordering Information

Model Name	Manufacturing Part Number	Evaluation Board Part Number
SKY65174-11 WLAN PAM	SKY65174-11	*** TBD ***

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