

PRODUCT SUMMARY

SKY55208-11: Sky5® 2.4 GHz Front-End Module for Wi-Fi® 7 and Bluetooth® Signal Applications

Applications

- Handsets
- Tablets
- Data cards

Features

- Wi-Fi® 7 (802.11be) compliant
- Fully matched input and output
- Seven TX modes of operation
- Three RX modes of operation
- Three Bluetooth® signal modes
- DPD optimized modes
- Compact 2.0 x 2.4 x 0.595 mm, 18 pin package
MSL3, 260 °C per JEDEC-J-STD-020
- For RoHS and other product compliance information, see the [Skyworks Certificate of Conformance](#).

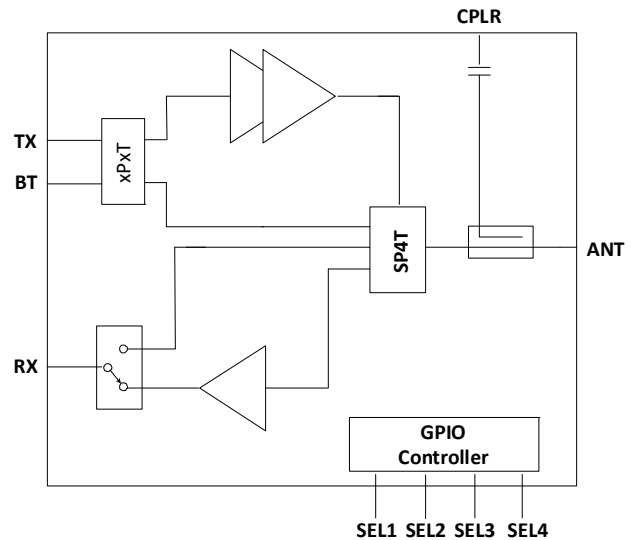


Figure 1. Functional Block Diagram

Description

The SKY55208-11 is a highly integrated 2.4 GHz front-end module (FEM) for WLAN applications. The compact module incorporates a multi-mode power amplifier (PA) with an integrated directional coupler, a low-noise amplifier (LNA) and a transmit/receive (T/R) switch. The SKY55208-11 is part of our Sky5® product portfolio.

Ordering Information

Part Number	Description	Evaluation Board Part Number
SKY55208-11	Sky5® 2.4 GHz Front-End Module for Wi-Fi® 7 and Bluetooth® Signal Applications	SKY55208-11EK1

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