

PRODUCT SUMMARY

SKY85634-11: Non-Linear 6 GHz High-Power Front-End Module for Wi-Fi® 8 Applications

Applications

- Indoor and outdoor access points
- Home gateways
- Customer Premise Equipment (CPE)
- Mesh/whole-home Wi-Fi® 8 systems
- Wi-Fi based home entertainment systems
- WLAN-enabled wireless video streaming systems

Features

- Integrated high-performance PA, LNA with bypass, T/R switch, and coupler
- Fully matched input and output
- 24-pin, 3.0 x 5.0 mm MCM package (MSL3, 260 °C per JEDEC J-STD-020)
- For RoHS and other product compliance information, see the [Skyworks Certificate of Conformance](#).

Description

The SKY85634-11 is a highly integrated, front-end module (FEM) incorporating a transmit/receive (T/R) switch, a high-gain low-noise amplifier (LNA) with high gain, low gain, and bypass mode, and a power amplifier (PA) for high-power Wi-Fi 8 (802.11bn) systems.

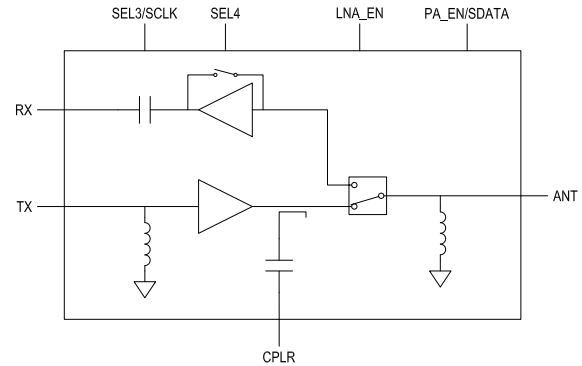


Figure 1. Block Diagram

Ordering Information

Part Number	Description	Evaluation Board Part Number
SKY85634-11	Non-Linear 6 GHz High-Power Front-End Module for Wi-Fi® 8 Applications	SKY85634-11EK1

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