

PRODUCT SUMMARY

SKY85932-11: 5 GHz/6 GHz Wi-Fi® Meshplexer

Applications

- Wi-Fi® dual-band access points
- Wi-Fi dual-band extenders, routers, and gateways
- System-in-Package (SiP) modules for embedded systems
- Mesh/whole-home Wi-Fi systems
- Wi-Fi based home entertainment systems

Features

- Low insertion loss over full bandwidth
- High isolation for nearest adjacent band
- Bidirectional operation
- RF ports matched to 50 Ω
- Small MCM package (16-pin, 3 x 3 mm) (MSL3, 260 °C per JEDEC J-STD-020)
- For RoHS and other product compliance information, see the [Skyworks Certificate of Conformance](#).

Description

The SKY85932-11 features 5 GHz high and 6 GHz high BAW filters to enable high isolation and low insertion loss when combining 5 GHz and 6 GHz in a single MCM package. This simplifies compact front-end designs for dual-band Wi-Fi applications.

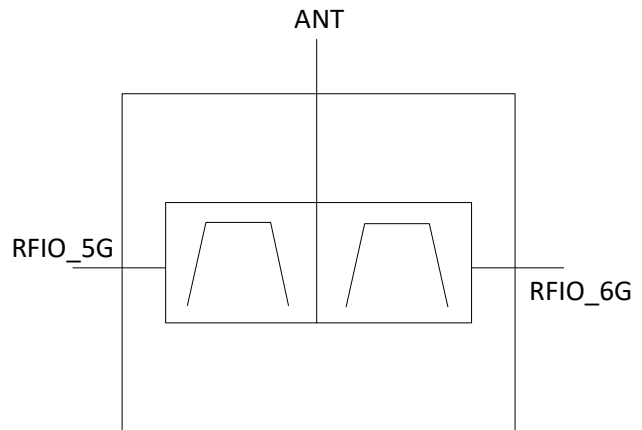


Figure 1. Functional Block Diagram

The 5 GHz BAW filter provides a U-NII 2C to U-NII 4 passband, and the 6 GHz BAW filter provides a U-NII 7 to U-NII 8 passband, isolated from adjacent channels.

Ordering Information

Part Number	Description	Evaluation Board Part Number
SKY85932-11	5 GHz/6 GHz Wi-Fi® Meshplexer	SKY85932-11EK1

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