5 GHz Front-end Module Supports Simultaneous Wi-Fi Connectivity and LAA Support

Skyworks is pleased to introduce the SKY5®-5501-11, a 5 GHz front-end module (FEM) designed for Wi-Fi enabled devices including handsets and tablets. This advanced FEM supports simultaneous Wi-Fi and licensed assisted access (LAA) protocols for high speed data throughput in the 5 GHz WLAN and LAA spectrum. The SKY55501-11 is highly integrated and includes a low-noise amplifier, low-loss bypass path, power splitter, and single-pole, double-throw transmit and receive switch. The SKY55501-11 builds on Skyworks’ portfolio of revolutionary products for 5G applications.

Features:

- Provides simultaneous Wi-Fi and LAA receive functionality
- High performance LNA with dual outputs, for increased range and downstream throughput
- Compact package size of 1.7 x 2.1 x 0.7 mm multi-chip module (MCM)

Reference Design Partners

| Company  | QUALCOMM
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<td>Part Number</td>
<td>Suitable for WCN3998</td>
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Sales and Technical Support

Pricing depends on quantities. Please contact a sales representative at sales@skyworksinc.com or visit the company’s website at www.skyworksinc.com for more information.

About Skyworks

Skyworks Solutions, Inc. is empowering the wireless networking revolution. Our highly innovative analog semiconductors are connecting people, places and things spanning a number of new and previously unimagined applications within the aerospace, automotive, broadband, cellular infrastructure, connected home, industrial, medical, military, smartphone, tablet and wearable markets. Skyworks is a global company with engineering, marketing, operations, sales and support facilities located throughout Asia, Europe and North America and is a member of the S&P 500® and Nasdaq-100® market indices (Nasdaq: SWKS). For more information, please visit Skyworks’ website at: www.skyworksinc.com.