



New Product Announcement

Sky5[®] Front-end Module for Mid- and High-band 3G, 4G, and 5G Mobile Applications

Skyworks is pleased to introduce the [SKY58085-11](#), a mid- and high-band front-end module (FEM) which supports 3G / 4G / 5G mobile devices and operates efficiently in 3G / 4G / 5G modes. The module meets 5G NR and LTE advanced requirements where wider bandwidth (100 MHz) and carrier aggregation are used for higher data rates. This highly integrated solution includes power amplifier blocks operating in the mid and high bands, a silicon controller containing the MIPI[®] RFFE interface, RF band switches, mid- and high-band antenna switches, bi-directional couplers and integrated filters to support Bands 1, 2, 3, 7, 34, 39, 40 and 41. Packaged in a 62-pad LGA assembly, it offers a highly manufacturable and low-cost solution. The [SKY58085-11](#) builds upon Skyworks' Sky5[®] portfolio of revolutionary products for 5G applications.

Features:

- EN-DC dual Tx ports eliminate the need for additional power amplifier and filters **resulting in significant BOM cost savings**
- High performance PA supports both **Average Power Tracking (APT) and Envelope Tracking (ET)**
- Versatile Vcc switch **reduces number of NR PMICs significantly shrinks PCB size** and BOM cost
- Co-designed LNA and filters offer **excellent Rx sensitivity for primary and MIMO paths**



[Watch a demonstration of the SKY58085-11 today!](#)

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.

