



SKYWORKS®

New Product Announcement

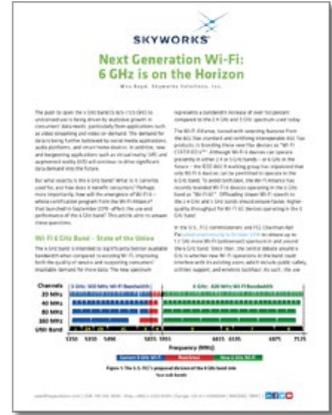
| New Front-end Module Powering Wi-Fi 6 Applications

Skyworks is pleased to introduce [SKY85333-11](#) (2.4 GHz) and [SKY85747-11](#) (5 GHz) – two new front-end modules (FEMs) in our portfolio of solutions designed for high-power Wi-Fi 6 (802.11ax) applications and systems. These highly integrated FEMs incorporate switching, low-noise amplifier (LNA) with bypass and power amplifier (PA) for devices such as networking and WLAN-enabled wireless video streaming systems. Both devices feature very low EVM floor with 1024 QAM signal which improves throughput and meets requirements for MU-MIMO operation. The modules offer extremely high linear output power - up to regulation limits for improving coverage range.

The [SKY85333-11](#) and [SKY85747-11](#) are available now and support leading reference designs based on the Qualcomm (QCA) Hawkeye family.

Features:

- **Integrated module** includes high-performance PA, LNA with bypass and transmit/receive switch
- High linear output power and low receive noise figure **improves system sensitivity and coverage range**
- **Fully matched input and output**
- **Compact LGA (24-pin, 3 x 5 mm) package**



Read Skyworks' article "Next Generation Wi-Fi: 6 GHz is on the Horizon"

Reference Design

Company	Part Name/Number
	Hawkeye IPQ807x family

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.





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