



New Product Announcement

Family of High-efficiency Wide Instantaneous Bandwidth, Power Amplifiers for 4G LTE and 5G NR Applications

Skyworks is pleased to introduce a complete family of high-efficiency power amplifiers (PAs) designed for the stringent requirements of enterprise small cell radios. These devices offer wide instantaneous bandwidth with high gain and are fully input/output matched. Active biasing circuitry is integrated to compensate for PA performance over temperature, voltage, and process variations. With a compact 5 x 5 mm package, the SKY663xx-11 family of PAs is ideal for 5G systems operating from 2.3 to 5 GHz. Skyworks' [high-efficiency PAs](#) are available with major transceiver reference designs.

Features:

- **High efficiency and power** addresses small cell requirements where power is always limited
- **Wide bandwidth** enables higher data rates for newer 5G systems
- Single 5V power supply for quick and **easy implementation**
- On-chip active bias circuit provides **excellent gain tracking** over temperature, voltage and process variations
- **Compact pin-to-pin compatible package** (16-pin, 5 x 5 x 1.3 mm)

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.



Available Product Literature
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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.

