



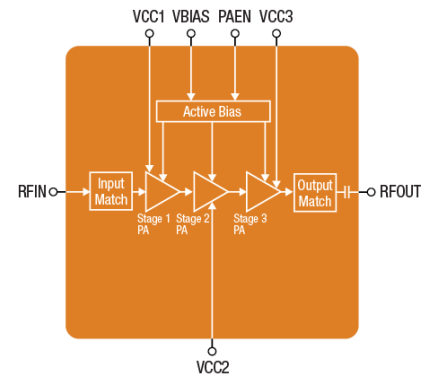
New Product Announcement

High-Efficiency Power Amplifier for Infrastructure and Small Cell Applications

Skyworks is pleased to introduce the [SKY66318-11](#), a new addition to its family of high-efficiency power amplifiers (PA) designed for the stringent requirements of enterprise small cell applications. The PA offers wide instantaneous bandwidth and is fully input/output matched with high gain and efficiency. Active biasing circuitry is also integrated to compensate for PA performance over temperature, voltage, and process variations. With a compact 5 x 5 mm package, the SKY66318-11 is ideal for 4G LTE and 5G NR systems operating from 3300 to 3600 MHz. The SKY66318-11 is available on major transceiver reference designs.

Features:

- **High efficiency and power** (PAE = 25% at +28 dBm) addresses small cell requirements where power is always limited
- **Wide bandwidth** (100 MHz) enables higher data rates for newer 4G and 5G system signals
- **Compact package** (16-pin, 5 x 5 x 1.3 mm) is pin-to-pin compatible with SKY6631x PA family
- **Operates from single 5V power supply**
- On-chip active bias circuit provides **excellent gain tracking** over temperature, voltage and process variations



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.

