



## New Product Announcement

# High Efficiency Power Amplifiers for Enterprise Small Cell Applications

## SKY6629x Power Amplifier Family

Skyworks is pleased to introduce its new family of high efficiency power amplifiers, the [SKY6629x](#) line, targeted for the fast growing enterprise small cell market. These 4-watt PAs meet higher data rate and lower power consumption requirements for indoor and outdoor enterprise systems, support the majority of the world's most popular bands, and can be used in FDD and TDD 4G LTE, 4.5G and 5G systems, as well as the recently launched Citizen's Broadband Radio Service (CBRS).



The [SKY6629x](#) high-efficiency 4-watt power amplifier family consists of:

<a href="#">SKY66299-11</a> – 1900 to 2000 MHz	<a href="#">SKY66294-11</a> – 2000 to 2300 MHz
<a href="#">SKY66297-11</a> – 2490 to 2690 MHz	<a href="#">SKY66293-21</a> – 3400 to 3800 MHz
<a href="#">SKY66296-11</a> – 700 to 800 MHz	<a href="#">SKY66292-11</a> – 2300 to 2400 MHz
<a href="#">SKY66295-11</a> – 800 to 900 MHz	<a href="#">SKY66291-11</a> – 1805 to 1880 MHz

Features include:

- High efficiency of >35% @ Pout = 28 dBm, *easily meeting Power Over Ethernet (POE) requirements*
- *Low power consumption and low heat* enables customers to include more bands per box
- *High gain* (35 dB) eliminates need for additional gain blocks, thus saving power and cost for extra components
- Internally matched to 50 Ohm at RF input and output ports, *providing a turnkey design*
- Integrated logic high digital PA enable circuit *provides fast turn on/off time*
- *Industry-leading compact 5 x 5 mm* packages which are pin to pin compatible and cover 700 MHz up to 6 GHz

## Sales and Technical Support

Pricing depends on quantities. Please contact a sales representative at [sales@skyworksinc.com](mailto:sales@skyworksinc.com) or visit the company's website at [www.skyworksinc.com](http://www.skyworksinc.com) for more information.

## New Products

New products are continually being introduced at Skyworks. For the latest information, please visit the new products section of our website at [www.skyworksinc.com](http://www.skyworksinc.com).

## 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 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](http://www.skyworksinc.com).

