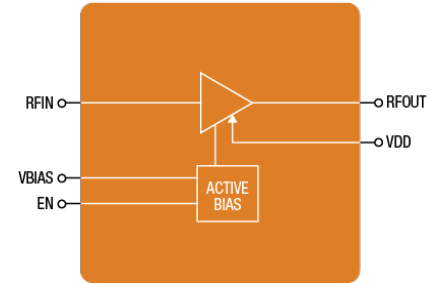




New Product Announcement

High Linearity LNAs for Small Cell, Massive MIMO and Base Station Applications

To meet the challenging requirements of cellular LTE and 5G NR infrastructure applications, Skyworks has released the [SKY67183-396LF](#) and [SKY67189-396LF](#) low noise amplifiers (LNAs). These LNAs feature ultra low-noise figure, exceptional linearity, and operate over a wide range of frequencies. To reduce PCB board space, these devices are housed in an ultra-compact 2 x 2 mm plastic surface mount package. The [SKY67183-396LF](#) and [SKY67189-396LF](#) are ideal for 2G/3G/4G/5G TDD and FDD infrastructure applications, including small cell, massive MIMO, and macro base stations.



Features:

- **Ultra low-noise figure** without compromising linearity performance
- **Exceptional linearity and superior gain flatness**
- Wide frequency of operation, **supporting 0.4 – 6.0 GHz signals**
Fast turn on/off time to enable **fast 5G TDD switching**
- 2 x 2 mm **Ultra-compact** packaging

	SKY67183-396LF	SKY67189-396LF
Frequency (GHz)	0.4–6.0	0.4–6.0
Noise Figure (dB)	0.44 @ 3.6 GHz	0.65 @ 3.8 GHz
Gain (dB)	19.1 @ 3.6 GHz	18.3 @ 3.8 GHz
OIP3 (dBm)	28.9 @ 3.6 GHz	28 @ 3.8 GHz
Switching Time	0.3 us	0.2 us
Special Features		Widest operating frequency range with single tune
	Data Sheet	Data Sheet

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.skyworksin.com.





SKYWORKS®

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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.

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