



NEW PRODUCT ANNOUNCEMENT

Low Noise, Low Current Amplifiers

SKY67012-396LF and SKY67013-396LF

Skyworks introduces two new, enhancement mode, low noise amplifiers (LNAs) that offer low noise figure, high linearity, and excellent return loss while drawing very low bias current. The [SKY67012-396LF](http://www.skyworksinc.com/Product.aspx?ProductID=993) (0.3–0.6 GHz) and [SKY67013-396LF](http://www.skyworksinc.com/Product.aspx?ProductID=994) (0.6 – 1.5 GHz) LNAs are ideal for general purpose industrial, scientific, medical (ISM band), and other high frequency applications such as public safety and land mobile radios, security and radio frequency identification systems, cellular transceivers, and wireless sensors. On-die active bias design ensures consistent performance, enables unconditional stability, and simplifies external matching. These highly flexible and low power gallium arsenide pHEMT LNAs have a highly efficient linear design, low noise figure and small form factor. At the same time, the very low current draw (5 mA) and wide input voltage range (1.8 – 5 V) capability provides manufacturers with an ideal low noise amplifier solution for battery-powered receivers and sensors.

The data sheets can be found at:

SKY67012-396LF: <http://www.skyworksinc.com/Product.aspx?ProductID=993>

SKY67013-396LF: <http://www.skyworksinc.com/Product.aspx?ProductID=994>

Sales and Technical Support

Pricing depends on quantities. Please contact a sales representative at sales@skyworksinc.com or visit the company's Web site at 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 Web site at www.skyworksinc.com.

About Skyworks

Skyworks Solutions, Inc. is an innovator of high performance analog semiconductors. Leveraging core technologies, Skyworks supports automotive, broadband, cellular infrastructure, energy management, GPS, industrial, medical, military, wireless networking, smartphone and tablet applications. The Company's portfolio includes amplifiers, attenuators, circulators, detectors, diodes, directional couplers, front-end modules, hybrids, infrastructure RF sub-systems, isolators, lighting and display solutions, mixers/demodulators, optocouplers, optoisolators, phase shifters, PLLs/synthesizers/VCOs, power dividers/combiners, power management devices, receivers, switches and technical ceramics.

Headquartered in Woburn, MA, Skyworks is worldwide with engineering, manufacturing, sales and service facilities throughout Asia, Europe, and North America. For more information, please visit Skyworks' Web site at: www.skyworksinc.com.

 Through our Green Initiative™, we are committed to manufacturing products that comply with global government directives and industry requirements.



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