



SKYWORKS®

New Product Announcement

| Skyworks' MIPI® Antenna Aperture Tuners

SKY19247-686LF, SKY19237-001

Skyworks has broadened its antenna tuner portfolio with two new Mobile Industry Processor Interface (MIPI®)-controlled devices that support ultra-low Ron (SKY19247-686LF) and ultra-high Vpeak (SKY19237-001). These new tuners are ideal for smartphones, data cards and MiFi® hotspots and improve antenna efficiency, as well as Total Radiated Power (TRP) and Total Isotropic Sensitivity (TIS) performance. They deliver high linearity for carrier aggregation applications and low insertion loss. These antenna tuners also eliminate concern over GPIO count and efficiently meet the demands of programmable, complex RF front-end devices. They boast excellent harmonic performance, enabling robust designs that can pass regulatory certification. The devices come in a compact 10-pin, 1.5 x 1.1 x 0.5 mm QFN package (SKY19247-686LF) and 11-bump, 1.685 x 1.775 x 0.5 mm WLCSP package (SKY19237-001).

Using in-house antenna expertise, Skyworks supports customer implementation with modeling simulation data, design and layout optimization, as well as onsite support.

For more information on this new family, please visit: [Antenna Tuning for Cellular/Smartphone Applications](#).

The data sheets can be found at:

SKY19247-686LF: <http://www.skyworksinc.com/Product/3181/SKY19247-686LF>

SKY19237-001: <http://www.skyworksinc.com/Product/3180/SKY19237-001>

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.

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.

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.

