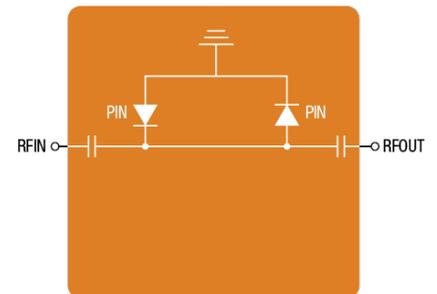




## New Product Announcement

# Extremely High Linearity PIN Limiter Module for Cellular Infrastructure, 5G, and Military Applications

Skyworks is pleased to introduce a high-linearity, low-threshold, dual PIN limiter diode module that addresses the growing need for receiver protection in cellular infrastructure (including 5G), and microwave radio communications. The [SKY16603-632LF](#) is a fully integrated module comprised of two PIN limiter diodes and two DC blocking caps designed for use as a passive receiver protector in wireless systems up to 6 GHz. Targeted for cellular infrastructure base station, repeater, and wireless backhaul OEMs, it can also be used in broad market wireless systems including VSAT, S-band radar, military communications transceivers, jammers, GPS, test instruments, automotive and Wi-Fi applications. The [SKY16603-632LF](#) features high-linearity and low insertion loss, capable of handling 100 Watt pulsed power in an extremely compact, 2-pin leadless surface-mount package.

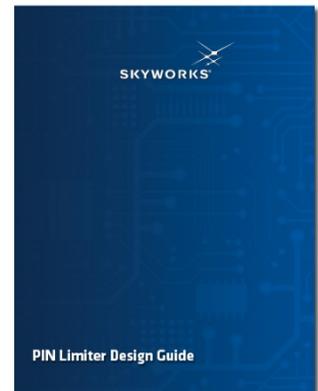


### Features:

- **Extremely high linearity (IP3) and low insertion loss**, for exceptional performance while providing critical receiver protection
- **Broad 0.6 – 6.0 GHz operating range** to support 5G and legacy cellular frequency bands
- 35 dBm saturated output power to support **excellent power rating for high input signals**
- **Highly integrated and ultra-compact packaging** eliminating the need for external BOM

### Additional Resources!

Our [PIN Limiter Diode Design Guide](#) provides a comprehensive look at our robust portfolio of limiter diodes spanning: die for hybrid assembly, Hermetic, SMT, and our newest packaged Limiter Diodes.



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





# SKYWORKS®

## New Product Announcement

### 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.

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