



## New Product Announcement

# Surface Mount Circulator for Radar Systems and Wireless Applications

Skyworks is pleased to introduce the [SKYFR-001982](#), a small form factor surface mount circulator for L-Band radar systems and wireless applications in the 1200 – 1400 MHz operating range. This device offers high power level handling with minimal thermal rise, providing a flow path for the RF signal as well as protection for sensitive components from excess signal reflection. Packaged in a compact SMT housing, the [SKYFR-001982](#) can be easily incorporated onto PCB boards with automated pick and place manufacturing. The [SKYFR-001982](#) is the latest in Skyworks' broad portfolio of [Circulator and Isolator](#) products for radars for both military and commercial applications.

### Features:

- **1200 – 1400 MHz operating frequency** for radar and wireless applications
- **High handling power range 200 Watt average and 400 Watt peak**
- Low 0.3 dB insertion loss **improves efficiency with minimal loss to Tx power**
- **Low loss, linear performance** throughout input power range of 0 – 400 Watt
- Compact SMT package available in tape and reel for **automated manufacturing**



### 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.

### 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).

