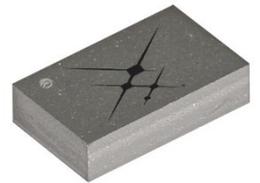




New Product Announcement

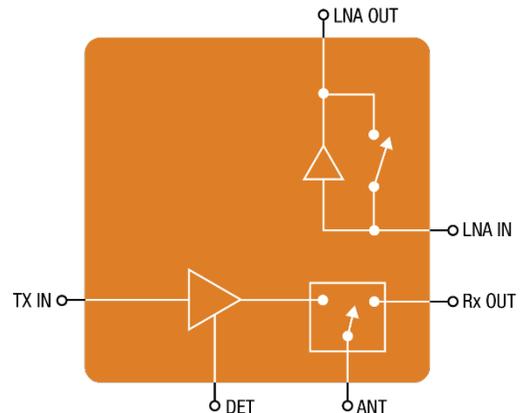
High-Power Front-end Module for Automotive V2V and V2X Applications

Skyworks is pleased to introduce the SKYA21043, a highly-integrated, 5 GHz front-end module (FEM) incorporating a 5 GHz single-pole, double-throw (SPDT) transmit/receive (T/R) switch, a 5 GHz high-gain low-noise amplifier (LNA) with bypass, and a 5 GHz power amplifier (PA) intended for high-power 802.11p applications and systems. Qualified to AEC-Q104 (Grade 2), the SKYA21043 meets rugged reliability requirements for automotive applications including vehicle-to-vehicle (V2V) and vehicle-to-everything (V2X) covering smart antennas, compensators, and roadside units for automotive infrastructure, backhaul and cellular small cells. The device boasts +29 dBm output power, making it one of the highest power solutions on the market today. Its compact, conformally shielded package size will reduce front-end board space by more than 50 percent and the product is supported by the automotive PPAP process.



Features:

- **Supports ITS-G5 (802.11p) and 3GPP rel 16 (LTE, 5G NR) wireless standards** for automotive applications
- **AEC-Q104 (Grade 2) Qualified with Automotive PPAP Support**
- Wide operating temperature range -40 to +105°C **for high ambient temp rooftop antennas**
- +29 dBm output power **to overcome high post PA losses** for antenna applications
- Compact 3 x 5 mm LGA shielded package **can reduce board space by >50%**



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.

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.

