For details, contact:
John Hamilton
VP of Marketing
E-mail: john.hamilton@rfmw.com
Phone: (408) 414-1448

High Power FEM Supports Automotive Telematics

1/28/2021 – San Jose, California: RFMW announces design and sales support for a highly-integrated, 5 GHz front-end module (FEM). The Skyworks Solutions SKYA21043 incorporates 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 reduces front-end board space by >50 percent and is supported by the automotive PPAP process. With fully matched input and output, the device supports a wide operating temperature range of -40 to +105°C for high ambient temp rooftop antennas.

Samples are available for qualified requirements through RFMW at 1-877-FOR RFMW (367-7369) within North America; or please find your local sales engineer (worldwide) at the contact page on the RFMW web site.

About RFMW

RFMW is a specialty electronics distribution company focused exclusively on serving customers that require RF and microwave components and semiconductors, as well as component engineering support. The company continues to expand its list of products from selective suppliers with RF/microwave expertise. RFMW deploys a highly experienced, technically skilled team to assist customers with component selection and fulfillment.

To learn more about RFMW, visit their Website at www.rfmw.com, or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at info@rfmw.com.

# # # #