Dual-Channel Switch LNA Module for Massive MIMO

2/26/2019 – San Jose, California: RFMW, Ltd. announces design and sales support for a highly integrated Front-End module. Qorvo’s QPB9337 integrates a two-stage LNA and a high power switch in a dual channel configuration. Supporting applications across the 2.3 – 3.8 GHz frequency range, this FEM provides 1.2 dB noise figure for operation in the receive mode and 0.8 dB insertion loss in the transmit mode. The switch handles input RF power up to 5W average, while needing only a +5V supply for both switch and LNA operation. The QPB9337 switch LNA module is targeted for wireless infrastructure applications configured for TDD-based MIMO architectures and can be used for next generation 5G, pre-5G or small cell base-station applications. Packaged in a RoHS-compliant, compact 6 x 6 mm surface-mount leadless package.

Samples are available for qualified requirements through RFMW, Ltd. 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 Ltd. 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.