Energy Efficient WiFi 6 FEM Integrates BAW Filtering

11/12/2019 – San Jose, California: RFMW announces design and sales support for a WiFi 6 (802.11ax) front end module (FEM). The Qorvo QPF7219 optimizes an internal power amplifier for 5V operation while maintaining linear output power and leading-edge throughput across WiFi channels 1 through 11. Integrating a 2.4 GHz power amplifier (PA), regulator, single-pole two-throw switch (SP2T), bypassable low noise amplifier (LNA), and power detector into a small 5 x 3 mm package, it also contains DIF level filtering for harmonics and 5 GHz rejection. Designed for access points, wireless routers, residential gateways and CPEs in the 2402 to 2472 MHz frequency range, the QPF7219 offers 31 dB of Tx gain and 15.5 dB of Rx gain with LNA noise figure of 2 dB.

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.