Front End Module targets 5G–n258 Phased Array

3/9/2021 – San Jose, California: RFMW announces design and sales support for high-performance, mmWave, 5G front end modules from Qorvo. The QPF4010 MMIC mmWave FEM operates from 24.25 to 27.5 GHz with integrated LNA+TR SW+PA. The receive path (LNA+TR SW) is designed to provide 13.5 dB of gain and a typical noise figure of 4.0 dB. The transmit path (PA+SW) provides 17 dB of small signal gain and a saturated output power of 22.5 dBm. Supporting 5G-n258 phased array base stations and terminals, the frequency coverage and operational flexibility allow support of satellite communications, point-to-point data links and 5G repeaters. Average Tx power is 14 dBm with 4% typical EVM at 64 QAM, 100MHz modulated signal. The QPF4010 is offered in a small 4 x 4 mm overmold QFN package, matched to 50Ω with integrated DC blocking capacitors for simple system integration.

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.

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