37 - 40.5GHz GaN Front End Module

5/6/2021 – San Jose, California: RFMW announces design and sales support for high-performance, mmWave, 5G front end modules from Qorvo. The QPF4006 MMIC mmWave FEM operates from 37.0 to 40.5 GHz with integrated LNA+TR SW+PA. The receive path (LNA+TR SW) is designed to provide 18 dB of gain and a typical noise figure of <4.2 dB. The transmit path (PA+SW) provides 23 dB of small signal gain and a saturated output power of 33 dBm. Supporting 5GNR communications, the frequency coverage and operational flexibility allow support of point-to-point communications and 5G repeaters. Typical Tx EVM at 24 dBm Pout is 4%. The QPF4006 is offered in a small 4.5 x 4 mm surface mount package with embedded copper slug allowing operation at the extreme case temperatures needed in phased array applications.

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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