Innovative Alternative to Traveling Wave Tube Amplifiers

3/31/2022 – San Jose, California: RFMW announces design and sales support for a high frequency, high power amplifier from Qorvo. Qorvo’s Spatium™ QPB2731N is a solid state, spatial-combining amplifier with an operating range of 27 to 31 GHz. With >49 dBm of instantaneous linear power, this amplifier is the ideal building block for Satcom BUC’s and other millimeter-wave subsystems with wide-ranging applications. Using patented and field-proven Spatium combining technology, the QPB2731N provides unprecedented performance in a rugged, compact size and weight which reduces total cost of ownership compared to alternative technologies. The QPB2731N is equipped with an integrated bias card, which allows for convenience of operation, reducing electrical losses in the bias networks, and weight reduction over using a separate bias card. It provides individualized bias settings for each amplifier blade in the Spatium SSPA.

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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