DC-20 GHz, 180 um Discrete GaAs pHEMT Die

2/17/2022 – San Jose, California: RFMW announces design and sales support for a discrete 180-Micron pHEMT which operates from DC to 20 GHz. The QPD2018D is designed using Qorvo’s proven standard 0.25um power pHEMT production process. This process features advanced techniques to optimize microwave power and efficiency at high drain bias operating conditions. The QPD2018D typically provides 22 dBm of output power at P1dB with gain of 14 dB and 55% power-added efficiency at 1 dB compression making it appropriate for high efficiency applications. Bias voltage is 8 volts for broadband wireless, aerospace and defense 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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