Silicon Amplifier offers High Gain and High Reliability

8/7/2019 – San Jose, California: RFMW announces design and sales support for a high performance amplifier from Integrated Device Technology, Inc. (IDT). The F1421 amplifier offers high gain and high reliability due to Silicon DIE construction and exposed paddle, QFN packaging. The device provides 40 dBm OIP3 with 20 dBm P1dB output power and 20.3 dB gain. The F1421 operates over a range of 1700 to 2200 MHz and requires a single 5V supply drawing 138 mA. Operating temperature range is -40 to +105 degrees C for base station applications in PCS1900, DCS1800, LTE, WiMAX, PHS, UMTS and public safety infrastructure. Packaged as a small, 4 x 4 mm QFN with exposed paddle.

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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