

Driver and Power Amplifier Pair Offers Linear Performance



Mimix Broadband, Inc. introduced a highly linear driver and power amplifier pair covering 12 GHz to 16 GHz offered in RoHS compliant, 3 mm × 3 mm and 4 mm × 4 mm QFN plastic packages. The XP1042-QT driver amplifier provides +38 dBm OIP3, +25 dBm P1dB and 21 dB gain, while the XP1043-QH amplifier achieves +41 dBm OIP3, +32 dBm Psat and 20 dB gain. Features for both include on-chip temperature-compensated power detector, power and gain control through bias adjustment, on-chip ESD protection structures, DC bypass capacitors, and BCB water coating. The pair targets applications such as point-to-point radio, LMDS, SATCOM and VSAT.

Mimix Broadband, Inc.
281-988-4600, www.mimixbroadband.com [1]

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