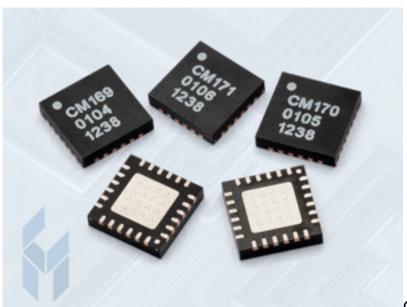
MMIC amplifiers offer high output power and positive bias



Custom MMIC has added three

new GaAs MMIC power amplifiers covering 5 GHz to 11 GHz to its standard product library. The CMD169P4 (5 GHz to 7 GHz), CMD170P4 (7.5 GHz to 9 GHz) and CMD171P4 (9.5 GHz to 11 GHz) each have an output 1 dB compression point of greater than +28 dBm, with gain levels from 20 dB to 30 dB. All three designs require only positive bias, thereby eliminating the need for sequencing circuitry. They also offer an on-chip detector for applications where power leveling is required. The amplifiers are housed in Pb-free RoHs compliant 4x4 QFN plastic packages and are 50- Ω matched on the input and output ports. DC blocks are not required.

Custom MMIC

978-467-4290, <u>www.custommic.com</u> [1]

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[1] http://www.custommic.com