

Cascadable SiGe Gain Block Amplifiers



Hittite announces the release of three plastic packaged SiGe MMIC Gain Block Amplifiers, the HMC476MP86, HMC479MP86, and HMC481MP86, which are suited for wireless infrastructure/handhelds, test equipment, microwave radio and military COTS applications from DC to 6 GHz. Across the product line small signal gain ranges from 15 to 20 dB at 1 GHz, and 13 to 18 dB at 2 GHz. Output P1 dB performance ranges from +13 to +20 dBm at frequencies less than 2.4 GHz and +10 to +15 dBm above 2.4 GHz. These gain blocks are cascadable, require no external matching and use a minimal number of DC components. Applications include driver amplifiers, IF gain blocks, high IP3 receive chain amplifiers and LO buffer amplifiers.

Hittite Microwave Corp.

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