

Abstracts

A Low Cost Mixer for Wireless Applications

J.-M. Mourant. "A Low Cost Mixer for Wireless Applications." 1995 MTT-S International Microwave Symposium Digest 95.2 (1995 Vol. II [MWSYM]): 519-522.

A new GaAs Integrated Circuit mixer is presented that services wireless communication requirements. Low cost, small size and good electrical performance are achieved through the use of a one balun-one FET scheme, a mature MESFET process and plastic packaging. Measured data is shown for 900 MHz and 1800 MHz parts. This mixer offers the best performance-to-price ratio in the marketplace.

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