

Abstracts

A Monolithic GaAs 0.1 to 10 GHz Amplifier

W.C. Petersen, D.R. Decker, A.K. Gupta, J. Dully and D.R. Ch'en. "A Monolithic GaAs 0.1 to 10 GHz Amplifier." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 354-355.

A monolithic GaAs 4-stage broadband amplifier including active input and output matching has been fabricated on a 2.5 mm square chip. Gain, noise, and VSWR performance in the 0.1 to 10 GHz band will be described.

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