

Abstracts

Microwave Amplifier Manufacturing with Advanced Thin-Film MIC and Elementary MMIC Technology

E.J. Crescenzi, Jr., S.E. Beam, R.L. Fenton, T.R. Kritzer and T.A. Maddox. "Microwave Amplifier Manufacturing with Advanced Thin-Film MIC and Elementary MMIC Technology." 1989 MTT-S International Microwave Symposium Digest 89.2 (1989 Vol. II [MWSYM]): 773-776.

New thin-film MIC processes, a coined carrier, and elementary MMIC devices are applied to construct amplifier modules with only five parts. Costs are significantly reduced while maintaining performance and insertion equivalence with conventional circuits. The approach offers an attractive alternative to classic MIC and pure MMIC realizations.

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