

# Abstracts

## A Monolithic Multi-Stage 6-18 GHz Feedback Amplifier

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*A.M. Pavio, S.D. McCarter and P. Saunier. "A Monolithic Multi-Stage 6-18 GHz Feedback Amplifier." 1984 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 84.1 (1984 [MCS]): 45-48.*

A design approach and circuit modeling method, which includes parasitic effects, will be presented for a two-stage monolithic feedback amplifier with enhanced high frequency performance. Using the proposed approach, a 6-18 GHz amplifier has been demonstrated with low input/output VSWR, respectable noise figure (6 dB) and a minimum gain of 8 dB.

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