

# Abstracts

## Compact Multi-Stage Single-Ended Amplifiers for S-C Band Operation

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*K.B. Niclas. "Compact Multi-Stage Single-Ended Amplifiers for S-C Band Operation." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 132-134.*

Design and fabrication of compact multi-stage single-ended feedback amplifiers operating from 2- 8 GHz are discussed. The nominal gains are 22 dB in the three-stage unit and 30 dB in the four-stage unit. Measured maximum VSWR's do not exceed 1.9:1. Noise figures, although not optimized, were below 7.6 dB and 8.4 dB, respectively.

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