

Abstracts

A Hybrid Integrated Transistor Amplifier for High-Volume Production

M.M. Hower and K.F. Sodomsky. "A Hybrid Integrated Transistor Amplifier for High-Volume Production." 1969 G-MTT International Microwave Symposium Digest of Technical Papers 69.1 (1969 [MWSYM]): 439-444.

Recent advances in microwave circuit technology and characterization capability have led to new approaches to microwave circuit design and manufacture. As an example in the use of such new methods, this paper will describe the design of an L-band transistor amplifier intended for phased array applications. The circuit and device designs and assembly procedures developed were specifically oriented for large-scale manufacture with a consequent emphasis on the use of computers for data processing and component selection.

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