

Abstracts

A Monolithic X-Band Four-Bit Phase Shifter

Y. Ayasli, A. Platzker, J.L. Vorhaus and L.D. Reynolds. "A Monolithic X-Band Four-Bit Phase Shifter." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 486-488.

X-band GaAs MMIC passive phase shifters have been developed using FET switches. A four-bit digital phase shifter with 5.1 ± 0.6 dB insertion loss has been realized on a single $6.4 \times 7.9 \times 0.1$ mm chip.

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