

Abstracts

Odd Order Impedance Matching Networks for Low Cost Microwave Integrated Circuits

A.N. Riddle and R.J. Trew. "Odd Order Impedance Matching Networks for Low Cost Microwave Integrated Circuits." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 459-461.

A new odd order impedance matching network with reduced sensitivity to active device capacitance variations is presented. A synthesis procedure for these networks is presented and experimentally verified with the construction of a amplifier. These networks are useful in the development of low cost microwave integrated circuits since they reduce the harmful effects of device variations.

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