

Abstracts

Ferrite Planar Circuit in Microwave IC

T. Miyoshi and S. Goto. "Ferrite Planar Circuit in Microwave IC." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 179-181.

The main subject of this paper is the analysis of an arbitrarily-shaped, triplate ferrite planar circuit. The term "analysis" denotes here the determination of the circuit parameters of the equivalent multiport. It is shown that a computer analysis based upon a contour-integral solution of the wave equation offers an efficient tool in the design of the ferrite planar circuit. Examples of this analysis are also described.

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