

Abstracts

Quasi Static Analysis of Microstrip Bondwire Interconnects

F. Alimenti, U. Goebel and R. Sorrentino. "Quasi Static Analysis of Microstrip Bondwire Interconnects." 1995 MTT-S International Microwave Symposium Digest 95.2 (1995 Vol. II [MWSYM]): 679-682.

A quasi-static approach for the analysis of microstrip bondwire interconnects is presented. The bondwire has been modelled as a cascade of inhomogeneous and nonuniform transmission lines, using the Conformal-Mapping method to determine the line characteristics and the theory of nonuniform transmission line to evaluate the effect of the variable height of the wire over the substrate.

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