

Abstracts

Removing Package Effects from Microstrip Moment Method Calculations

R.W. Jackson. "Removing Package Effects from Microstrip Moment Method Calculations." 1992 MTT-S International Microwave Symposium Digest 92.3 (1992 Vol. III [MWSYM]): 1225-1228.

The electromagnetic behavior of microstrip circuits often depends on the package that surrounds the circuit. This is especially true if the package is electrically large. This paper discusses the importance of a damped enclosure for modeling and operating MMIC circuits. It suggests a method of damping enclosures and outlines an efficient technique for applying the method of moments so as to determine the significance of the package effects on full wave simulations.

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