

Abstracts

A Mathematical Model of a Varactor Package in Microstrip Line (Short Papers)

J. Cohen and M. Gilden. "A Mathematical Model of a Varactor Package in Microstrip Line (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.6 (Jun. 1973 [T-MTT]): 412-413.

Modeling of special configurations in microstrip becomes very important where computer-aided design is to be used. In order to develop the full capacity of the Gunn diode, the circuit must be understood. The following presentation concerns development of a model for a diode package mounted in a shunt configuration so that impedances can be referred to the semiconductor chip.

 [Return to main document.](#)