

# Abstracts

## **Analysis of Microstrip T-Junction and its Application to the Design of Transfer Switches**

---

*R.R. Mansour and J. Dude. "Analysis of Microstrip T-Junction and its Application to the Design of Transfer Switches." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 889-892.*

A simplified field theory formulation is presented for analysing microstrip T-junctions. The computed junction scattering parameters (magnitude and phase) are in good agreement with experimental results. The formulation is extended to analyse a microwave transfer switch realized by cascading a number of microstrip T-junctions.

[Return to main document.](#)