

# Abstracts

## Generalized Scattering Matrix Method for Analysis of Cascaded and Offset Microstrip Step Discontinuities

---

*T.S. Chu and T. Itoh. "Generalized Scattering Matrix Method for Analysis of Cascaded and Offset Microstrip Step Discontinuities." 1986 Transactions on Microwave Theory and Techniques 34.2 (Feb. 1986 [T-MTT]): 280-284.*

Detailed algorithms are presented for characterizations of cascaded microstrip step discontinuities, symmetric stubs, and offset step. The analysis is based on the generalized scattering matrix techniques after the equivalent waveguide model is introduced for the microstrip line.

[Return to main document.](#)