

# Abstracts

## Accurate Approximations for a Function Appearing in the Analysis of Microstrip (Short Papers)

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*E.F. Kuester. "Accurate Approximations for a Function Appearing in the Analysis of Microstrip (Short Papers)." 1984 Transactions on Microwave Theory and Techniques 32.1 (Jan. 1984 [T-MTT]): 131-133.*

The function  $Q(x)$  defined in the body of the paper is approximated accurately over the entire range  $-1 \leq x < +1$ . The simple approximate formulas are then used to obtain some simple expressions for several quantities which are encountered in the quasistatic analysis of microstrip transmission line.

 [Return to main document.](#)