

Abstracts

The Use of Parametric Modeling in Microwave Circuit Design

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The increasing level of complexity of MIC and MMIC circuits has increased reliance on computer aided design tools. Economical concerns and demand for faster design cycles has translated into the need for more accurate and sophisticated component models for these CAD systems. In this paper we describe the use of parametric, frequency dependent models for more accurate and realistic active and passive component model development. Two examples are presented to demonstrate the power of this method for the design of analog circuits.

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