

Abstracts

Yield Optimization of a MMIC Distributed Amplifier Using Physically-Based Device Models

R.J. Gilmore, M. Eron and T. Zhang. "Yield Optimization of a MMIC Distributed Amplifier Using Physically-Based Device Models." 1991 MTT-S International Microwave Symposium Digest 91.3 (1991 Vol. III [MWSYM]): 1205-1208.

Using a physical model to generate correlated parameters, and response modelling to overcome long response times, even complex circuits can be optimized for maximum yield. In this paper, a MMIC distributed amplifier was simulated and optimized for maximum design yield.

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