

Abstracts

Capacitively Coupled Traveling-Wave Power Amplifier (Dec. 1984 [T-MTT])

Y. Ayasli, S.W. Miller, R. Mozzi and L.K. Hanes. "Capacitively Coupled Traveling-Wave Power Amplifier (Dec. 1984 [T-MTT])." 1984 Transactions on Microwave Theory and Techniques 32.12 (Dec. 1984 [T-MTT] (1984 Symposium Issue)): 1704-1709.

A new circuit concept which significantly improves the power-handling capability of a traveling-wave amplifier by coupling the active devices to the input gate line through discrete series capacitors is described. The approach is applied to a 1-W, 2-8-GHz monolithic amplifier design.

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