

# Abstracts

## A Distributed Monolithic 2-18 GHz Dual-Gate FET Mixer

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*T.S. Howard and A.M. Pavio. "A Distributed Monolithic 2-18 GHz Dual-Gate FET Mixer." 1987 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 87.1 (1987 [MCS]): 27-30.*

A novel broadband mixer topology, which can be implemented using either monolithic or discrete integrated circuit methods, has been developed using distributed design techniques. The MMIC mixer exhibits excellent 2-18 GHz conversion gain performance with signal handling capabilities and LO drive requirements similar to conventional diode double-balanced circuits.

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