

# Abstracts

## Fabrication Techniques for X-Band Monolithic VCOs

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*G.E. Brehm, B.N. Scott and F.H. Doerbeck. "Fabrication Techniques for X-Band Monolithic VCOs." 1982 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 82.1 (1982 [MCS]): 57-60.*

Monolithic GaAs FET VCOs have been designed and fabricated utilizing a submicron-gate FET, wide-capacitance-ratio varactor diodes, MIM capacitors, microstripline inductors, resistors and air-bridge interconnections on a single GaAs chip. Design considerations and fabrication techniques for each of these components are given.

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