

# Abstracts

## Small Size VCO Module for 900 MHz Band Using Coupled Microstrip-Coplanar Lines

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*K. Kawamoto, K. Hirota, N. Niizaki, Y. Fujiwara and K. Ueki. "Small Size VCO Module for 900 MHz Band Using Coupled Microstrip-Coplanar Lines." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 689-692.*

A hybrid mode analysis of the coupled microstrip-coplanar lines was done, and the transmission and reflection characteristics at each port of the lines were calculated. Applying the coupling characteristics of these lines, a double-sided and miniaturized VCO was made.

 [Return to main document.](#)