

Abstracts

Analysis of a J-Band Pulsed Read IMPATT Oscillator

J.E. Curran, J.P. Bridge and J.L.B. Walker. "Analysis of a J-Band Pulsed Read IMPATT Oscillator." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 483-485.

A computer analysis of a waveguide IMPATT oscillator has been undertaken with good agreement between theory and experiment. Using this analysis a new technique has been devised for determining package bond-wire inductance and diode capacitance.

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