

Abstracts

A Practical AC Large-Signal Model for GaAs Microwave MESFETs

A. Madjar and F.J. Rosenbaum. "A Practical AC Large-Signal Model for GaAs Microwave MESFETs." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 399-401.

An AC large-signal model for the GaAs FET is presented. It incorporates the device geometry and semiconductor properties and relates the terminal currents to the instantaneous applied voltages and their derivatives. Its form is suitable for large-signal component design and optimization.

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