Abstracts

Fully physical coupled electro-thermal simulations and measurements of power FETs

R.G. Johnson, W. Batty, A.J. Panks and C.M. Snowden. "Fully physical coupled electro-thermal simulations and measurements of power FETs." 2000 MTT-S International Microwave Symposium Digest 00.1 (2000 Vol. I [MWSYM]): 461-464.

A fully physical coupled electro-thermal model is presented. It is fast, efficient, suitable for CAD applications and capable of describing power FETs, MMICs and MMIC arrays. Results are presented which show the model gives good agreement with measurements for large power devices.

❑ Return to main document.