

Abstracts

V-Band GaAs Gunn Diode

C. Xiaojian, D. Yanmao and H. Zhenqi. "V-Band GaAs Gunn Diode." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 245-245.

The contradictions between the thermal parameters and microwave parasitic parameters in mm-wave Gunn diodes can be released by reasonable assumption for the thermal-conducting model of devices and practical analysis of microwave parasitic parameters. The corresponding formulas and curves are derived to carefully design the configuration parameters of the V-band device and its package.

 [Return to main document.](#)