

On the Circuit-Device Interface in IMPATT-Diode Applications

M.T. Vlaardingerbroek. "On the Circuit-Device Interface in IMPATT-Diode Applications." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 307-307.

The avalanche process in an IMPATT-diode is inherently noisy. On the other hand the IMPATT-diode has the highest C.W. power capabilities, compared with the other active solid-state microwave devices. Therefore, several applications can only be realized using IMPATT-devices and must be designed in such a way that the noise is acceptable.

 [Return to main document.](#)