

# Abstracts

## Capabilities of low-cost high voltage RF power MOSFETs at HF and VHF

---

*R. Frey. "Capabilities of low-cost high voltage RF power MOSFETs at HF and VHF." 1998 MTT-S International Microwave Symposium Digest 98.2 (1998 Vol. II [MWSYM]): 1117-1120.*

Plastic packaged power MOSFETs have found increasing acceptance in all fields of power electronic applications including new high power applications in the frequency range of 1 to 30 MHz. RF power sources for AM broadcasting, medical, industrial and semiconductor processing demand from hundreds to many kilo-Watts of power. In this paper, we compare the standard offerings of several vendors with a new line of inexpensive plastic packaged RF MOSFETs. MOSFET design, package layout, measurement circuits and performance characteristics are presented.

 [Return to main document.](#)