

# Abstracts

## Surface-Oriented Transferred-Electron Devices (1978 [MWSYM])

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*M.S. Shur and L.F. Eastman. "Surface-Oriented Transferred-Electron Devices (1978 [MWSYM])." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 375-377.*

The application of MESFET technology to manufacturing of surface-oriented transferred electron devices is discussed. The limitations related to the contact resistance, fringing capacitance and domain formation time are analysed for GaAs and InP devices. It is shown that power-delay products for GaAs surface-oriented TED's might be comparable to power-delay products for GaAs MESFET's.

 [Return to main document.](#)