

Manufacturability of 0.1- μm Millimeterwave Low-Noise InP HEMTs

L. Nguyen, M. Le, M. Delaney, M. Lui, T. Liu, J. Brown, R. Rhodes, M. Thompson and C. Hooper. "Manufacturability of 0.1- μm Millimeterwave Low-Noise InP HEMTs." 1993 MTT-S International Microwave Symposium Digest 93.1 (1993 Vol. I [MWSYM]): 345-348.

We report on the manufacturability of state-of-the-art passivated 0.1- μm low-noise InP HEMTs. These HEMTs offer an attractive, cost-effective solution to millimeter-wave satellite communications. We will discuss their yield and reproducibility, as well as typical performance at V- and W-bands.

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