

## REFERENCES

- [1] NEC Corporation 2003,” HETERO JUNCTION FIELD EFFECT TRANSISTOR  
NE350184C SUPER LOW NOISE AMPLIFIER N-CHANNEL HJ-FET”, Document  
No. PEJ0V0PM00 (1 st edition), 2003.
- [2] Vendelin, Pavo and Rohde, "Microwave Circuit Design, Using Linear and Nonlinear  
Techniques”, John Wiley & Sons Inc, 1990
- [3] R. A.Pucel, D.Mass, and R. Bera,” Performance of GaAs MESFET Mixers at X-Band,”  
IEEE Transactions on Microwave Theory and Techniques, June 1976.
- [4] I. Angelov, H. Zirath and N. Rorsman “Anew empirical nonlinear model for  
HEMT-device”, IEEE MTT-S Digest, 1992.
- [5] P. Bura and R. Dikshit “FET Mixer For Communication Satellite Transponders”, IEEE  
MTT-S International Microwave Symposium Digest, 1976.
- [6] G. Begemann and A. Jacob “Conversion Gain of MESFET Drain Mixers”, Electronics  
Letters, August 30, 1979.
- [7] R. A. Pucel, D. Masse and R. Bera “ Performance of GaAs MESFET Mixers at  
X-Band”, IEEE Transactions on Microwave Theory and Techniques, June 1976.
- [8] Altan M. Ferendeci, ” DESIGN AND PERFORMANCE OF DIFFERENT HEMT  
MIXER CONFIGURATIONS”, Asia Pacific Microwave Conference, New Delhi,  
India , Vol.4, 1996.
- [9] Tsironis, Cetal, “Dual-Gate MESFET Mixers”, IEEE MTT Transactions, Vol. MTT-32,  
No. 3, March 1984, pp248-255
- [10] Devlin, Liam, “The Design of Integrated Switches and Phase Shifters”, Proceedings of  
the IEE Tutorial Colloquium on “Design of RFICs and MMICs”, Wednesday 24th  
November 1999, pp 2/1-14

- [11] Devlin, L.M. Buck, B.J., Dearn, A.W., Clifton, J.C., Frier A.A.G., Geen, M.W., “A High Volume, Low Cost, Plastic Packaged, 2.4GHz Transceiver MMIC”, Proceedings of the third annual Wireless Symposium, Santa Clara, CA, 1995, pp 121-125
- [12] Maas, S.A. “Microwave Mixers”, Artech House, ISBN 0-89006-605-1
- [13] M. JOAO ROSARIO, J.COSTA FREIRE “Design Technique for MESFET Mixers for Maximum Conversion Gain”, IEEE Transactions on microwave theory and techniques, vol.38, NO.12, December 1990.
- [14] Maas, S.A. “NONLINEAR MICROWAVE CIRCUITS”, Artech House, ISBN 0-89006-251-X, 1988.

