

Abstracts

Miniature P-code GPS translator

J. Smuk, P. Blount, C. Trantanella and M. Shifrin. "Miniature P-code GPS translator." 1998 MTT-S International Microwave Symposium Digest 98.3 (1998 Vol. III [MWSYM]): 1199-1202.

A GaAs MMIC chip set and its integration into a P-code GPS translator for use in tracking high speed objects is presented. The translator provides over 125 dB of transmission gain with 3.5 dB noise figure, occupies 18 cm³, survives 16000 G mechanical shock and operates from -40/spl deg/C to 85/spl deg/C.

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