

Abstracts

Millimeterwave Integrated Circuits

H. Komizo and Y. Tokumitsu. "Millimeterwave Integrated Circuits." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 179-181.

This paper describes a compact, low cost 50 GHz-band integrated doppler radar module for an automobile ground speed sensor in which a copper embedded Fine Grained Alumina (FGA) substrate is successfully used for good heat-sinking and grounding. Results of an initial study on oscillator stabilization by a dielectric resonator in the millimeterwave region is also described.

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