

Abstracts

Realization of Microwave Circuit Functions Using Acoustic Waves

E.A. Ash. "Realization of Microwave Circuit Functions Using Acoustic Waves." 1967 G-MTT International Microwave Symposium Program and Digest 67.1 (1967 [MWSYM]): 194-194.

The existence of materials having a very low acoustic loss per wavelength, and the recent marked advances in the performance of transducers at microwave frequencies, suggest that it might prove possible to construct microwave components using acoustic waves. The main attraction of this possibility is seen to lie in the size reduction, by a factor of $10^{5/2}$, which is implied.

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