

Abstracts

The Physics and Equivalent Circuit of the Basic SAW Resonator

R.C.M. Li, J.A. Alusow and R.C. Williamson. "The Physics and Equivalent Circuit of the Basic SAW Resonator." 1976 MTT-S International Microwave Symposium Digest of Technical Papers 76.1 (1976 [MWSYM]): 280-282.

The physics of the basic surface-acoustic wave (SAW) resonator, together with factors which limit its achievable Q, are reviewed. Analogies to conventional microwave resonators are noted, and microwave-network techniques employed in their analysis and design are discussed.

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