

Abstracts

Control of Surface Acoustic Waves with Distributed Varactors

G. Chao. "Control of Surface Acoustic Waves with Distributed Varactors." 1973 G-MTT International Microwave Symposium Digest of Technical Papers 73.1 (1973 [MWSYM]): 132-133.

A distributed Schottky barrier varactor junction is described, capable of varying the electrical boundary conditions seen by a surface wave propagating on a piezoelectric medium. Control of the acoustic wave is evidenced by almost 180° of phase shift in 1.75 mm of interaction length at 54 MHz.

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