

Abstracts

MEMS microswitch arrays for reconfigurable distributed microwave components

C. Bozler, R. Drangmeister, S. Duffy, M. Gouker, J. Knecht, L. Kushner, R. Parr, S. Rabe and L. Travis. "MEMS microswitch arrays for reconfigurable distributed microwave components." 2000 MTT-S International Microwave Symposium Digest 00.1 (2000 Vol. 1 [MWSYM]): 153-156.

A novel MEMS switch design for use in microwave circuits is presented. The microswitch is capable of being configured in a multi-element X-Y array for use in tunable distributed circuits. Circuit design concepts using microswitch arrays and measurements of single microswitch performance are given.

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