

# Abstracts

## A low voltage actuated micromachined microwave switch using torsion springs and leverage

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*Dooyoung Hah, Euisik Yoon and Songcheol Hong. "A low voltage actuated micromachined microwave switch using torsion springs and leverage." 2000 MTT-S International Microwave Symposium Digest 00.1 (2000 Vol. 1 [MWSYM]): 157-160.*

A new push-pull configuration using torsion springs and leverage for low-voltage actuated microwave switch is proposed. It is fabricated by surface micromachining and has demonstrated switch operation up to 4 GHz. The actuation voltage is 6 V and an isolation has been achieved of more than 28 dB by the push-pull configuration.

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