

# Abstracts

## **MEMS millimeterwave components**

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*Jung-Chih Chiao, Yiton Fu, D. Choudhury and Lih-Yuan Lin. "MEMS millimeterwave components." 1999 MTT-S International Microwave Symposium Digest 99.2 (1999 Vol. II [MWSYM]): 463-466 vol.2.*

New microelectromechanical system (MEMS) components that enable reconfigurable MEMS millimeterwave transceivers were presented with a focus on the device architectures for system integration. The architectures for reconfigurable antennas, planar impedance tuners, microswitches and variable capacitors were demonstrated using the three-polysilicon-layer process.

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