

Abstracts

Development of Miniature Microwave Circuit Components Using Micromachining Techniques

R.F. Drayton and L.P.B. Katehi. "Development of Miniature Microwave Circuit Components Using Micromachining Techniques." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. 1 [MWSYM]): 225-228.

Miniature microwave circuit components are presented that were developed using silicon micromachining techniques. Although micromachining is very well known in sensor applications, it is used, herein, for the first time in microwave applications. This paper presents the development of micromachined lines and describes the theoretical and experimental characterization of circuit components such as filters and tuning stubs.

[Return to main document.](#)