

# Abstracts

## The Use of Sampling Techniques for Miniaturized Microwave Synthesis Applications

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*B.E. Gilchrist, R.D. Fildes and J.G. Galli. "The Use of Sampling Techniques for Miniaturized Microwave Synthesis Applications." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 431-433.*

The use of sampling for broadband frequency synthesis is presented. This approach offers several significant advantages over present techniques including reduced size, power consumption, switching speed, and circuit complexity while exhibiting improved synthesis reliability.

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