

# Abstracts

## Highly selective novel MMIC microwave active recursive filter

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*W. Mouzannar, L. Billonnet, B. Jarry and P. Guillon. "Highly selective novel MMIC microwave active recursive filter." 1998 Radio Frequency Integrated Circuits (RFIC) Symposium 98. (1998 [RFIC]): 39-42.*

This paper describes a new original microwave filter design using low frequency recursive concepts and fully integrable in MMIC technology. Our approach offers a convenient way to realize miniature filter circuits for narrowband filtering applications. A 7 GHz fixed center frequency MMIC active bandpass filter with two percent bandwidth is realized and experimental results are presented which validate the accuracy of the novel design methodology.

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