

Abstracts

Microwave planar active filters in GaAs and SiGe technologies

H. Bazzi, F. Biron, S. Bosse, L. Delage, B. Barelaud, L. Billonnet and B. Jarry. "Microwave planar active filters in GaAs and SiGe technologies." 2002 MTT-S International Microwave Symposium Digest 02.1 (2002 Vol. 1 [MWSYM]): 421-424 vol.1.

This paper deals with the design of integrated planar active filters on Si and GaAs substrates. Implementation techniques are detailed in both technologies for active LC filters. A comparison between the two technologies is made with the design of integrated negative resistance circuits.

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