

Abstracts

Active impedance inverter: analysis and its application to the bandpass filter design

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In this paper the analytical approach to the realizability of the active inverters is described and a very stable active inverter using the conventional feedback network is also proposed. Based on the proposed analysis method active bandpass filters are designed and built at 850 MHz. Measured results of two and three pole bandpass filters are presented as well as the theoretical results.

 [Return to main document.](#)