Abstract

In this paper different band stop filter topologies have been proposed using MEMS to achieve compactness in comparison with the same class of filter topologies available in literatures. A shift in resonance characteristics and bandwidth is reported by using MEMS switch at various positions. All simulations are carried out using Ansoft HFSS and CST MWS.

References


**Index Terms**

Computer Science  
Signal Processing
Keywords

Bandstop filter, MEMS, HFSS, Bandwidth