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