



Capacitors connected in parallel are summed together.  
Use this rule and an On-Off-On switch to derive three filter settings.  
For example in Filter 1:

C1 = 47nF  
C2 = 33nF  
C3 = 68nF

Switch Up = 80nF (47nF + 33nF)  
Switch Off = 47nF  
Switch Down = 115nF (47nF + 68nF)

## \* Un! Title: Passive Vactrol VCA/Low Pass Gate

A little twist on the classic two component vactrol filter  
Switches from VCA (attenuator) mode to filter mode with three selectable responses  
Capacitor values for C1-C9 are fairly arbitrary  
Experiment to find the most suitable values (lower values produce a brighter signal)