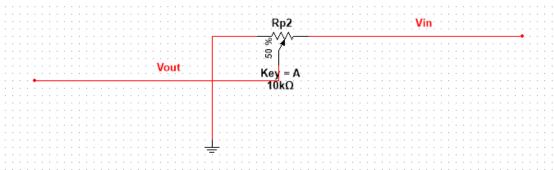
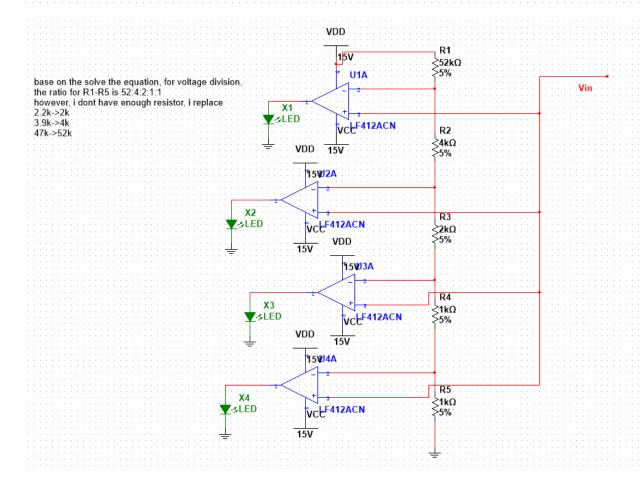


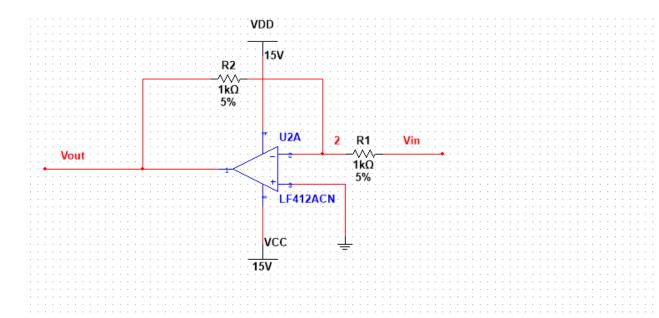
For R\_f, i use 8.2k to replace it.

According to the function, (Vout-Vin)/(5.1k+5.1k+Rp2)=(Vin-Vout)/(5.1k+5.1k+Rp1)Vout/Vin = 1, so gain of the curcuit = 1 which is meet the requirment C1 47nF Rp1 Key = A 1kΩ R3 R1 Vin --^√^ 5.1kΩ -^^^ 5.1kΩ **V**DD 5% 5% R5 15V ≤470kΩ ≤5% U1A Vout C2 **—**100pF LF412ACN 50 R4 R2 VCC \_^^^^ 5.1kΩ  $5.1k\Omega$ Rp2 15V 5% 5% Key = A 1kΩ

we only have the 10k potentiometer, so this is our only choose







Cuz the max output voltage is 1V, and lets make R1 = 1k R2 = 1k/1k = 1k