



BOM per Op Amp

- LM324 Op Amp
- R1 - 100k Resistor (8)
- R2 - 47k Resistor (4)
- R3 - 10k Resistor (4)
- P1 - 50k Potentiometer (4)
- C1 - 100nF Capacitor (8)
- D1 - BAT85
- D2 - 1N4148 Diode (4)

There will be 4 such OpAmp circuits
for a total of 16 channels
1 OpAmp per ADC chip

A separate cog will be dedicated
for each ADC chip