

- Need charge pump circuit  $\rightarrow$   $-5\text{ V}$   $\rightarrow$  Op-Amp

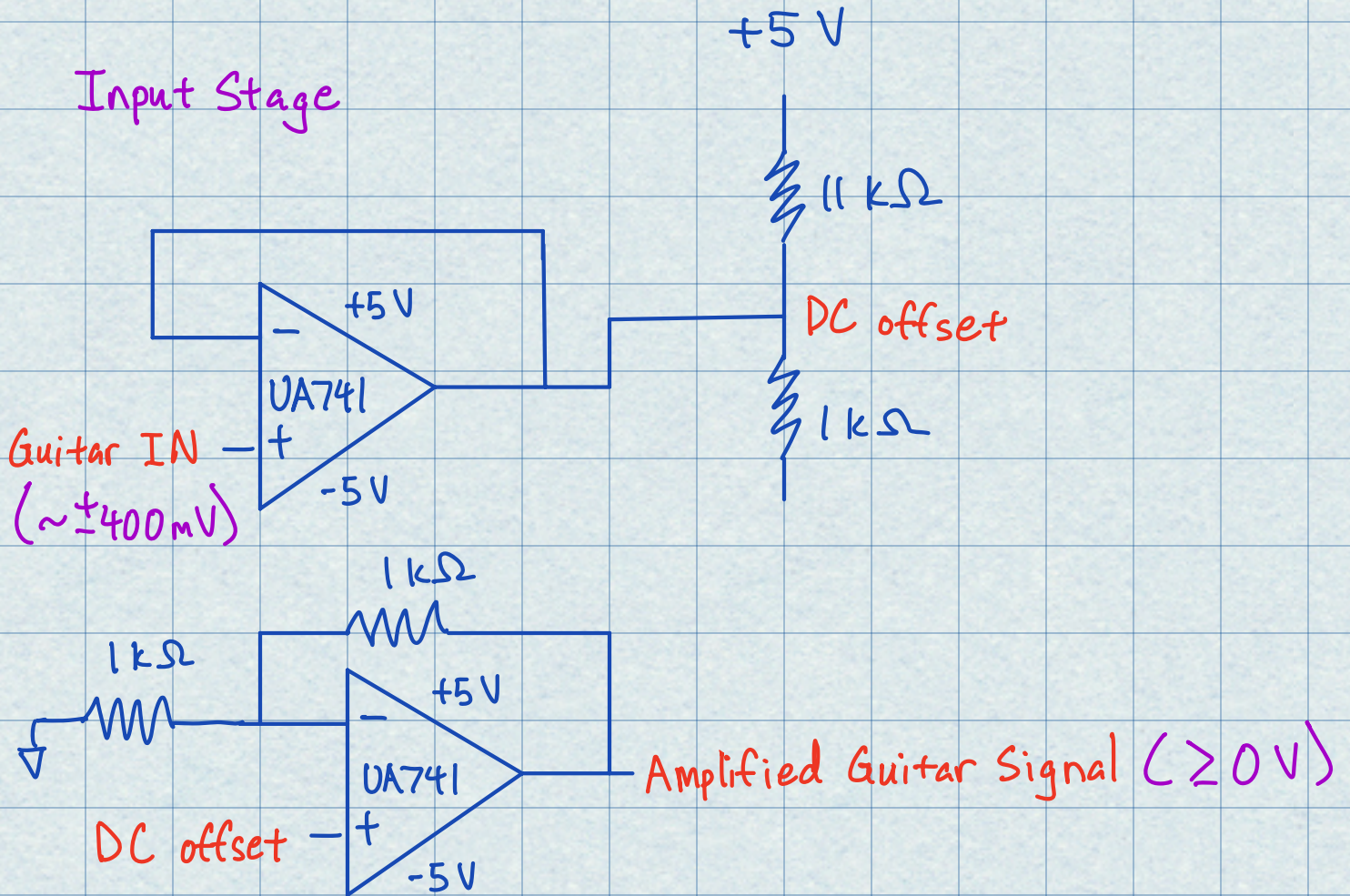
- Voltage follower circuit before DC bias? ✓

- Impedance mismatch

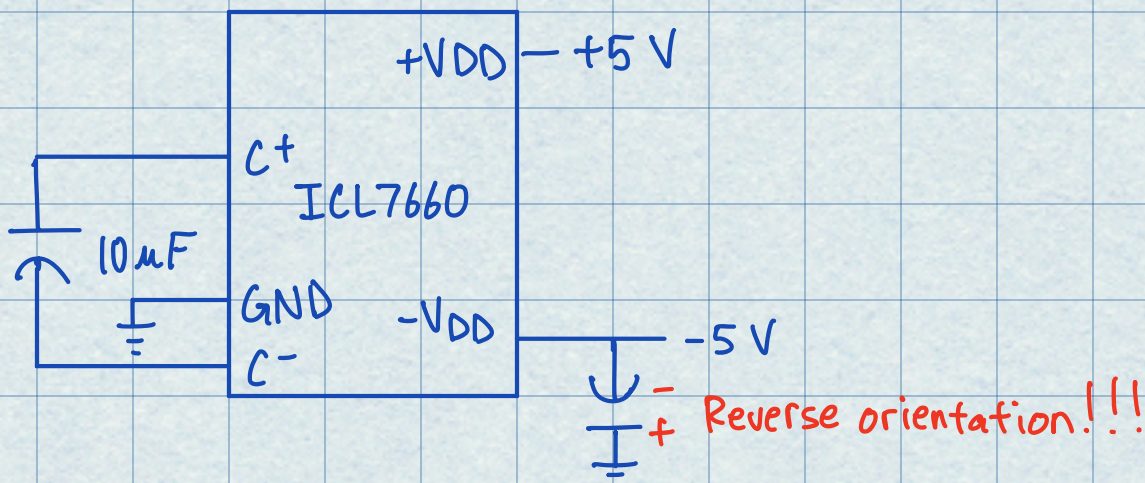


# Prototype Schematic

## Input Stage



## Power system





## Output Stage

