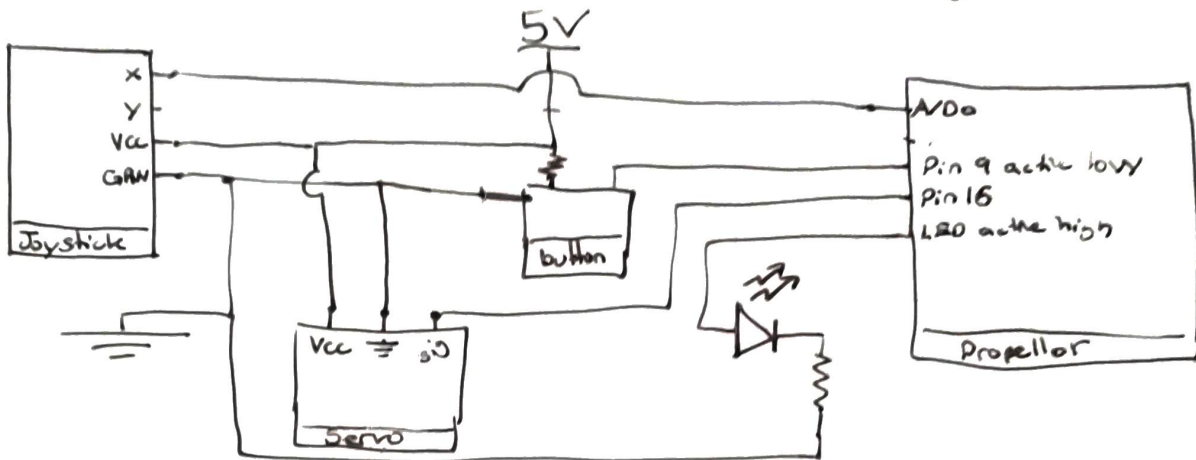


## Part 4)

idea: Joystick controlled servo w/  
active/inactive indication LED.  
System turned on & off via pushbutton

volatile global variables for : main in cog 0  
Joystick in cog 1  
servo in cog 2  
LED in cog 3  
Pushbutton in cog 4



Joystick range 0-5V , servo range 0-180 degrees  
 $\Rightarrow \left(\frac{x}{5}\right) \cdot 180 \Rightarrow \text{degrees} * 10 \Rightarrow \text{servo angle (0-1800)}$