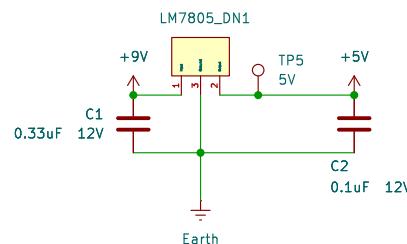
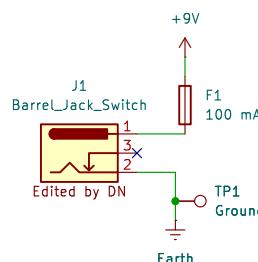
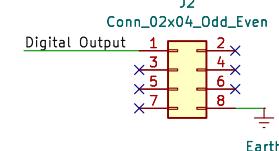


## Power Input

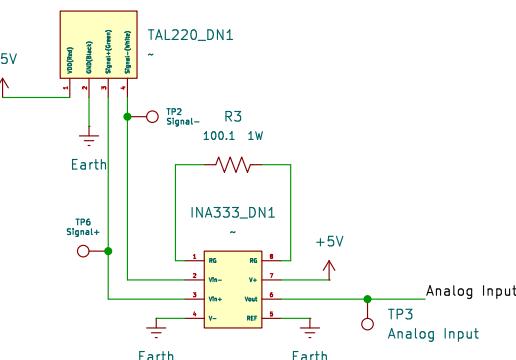


## Cross-Subsystem Connections

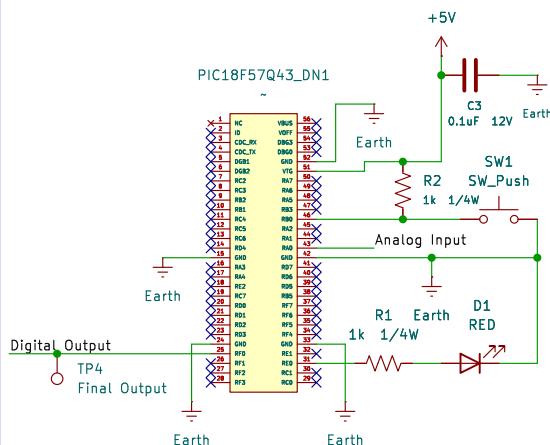


## Weight Sensor Subsystem

$$\text{Equation: } G = 1 + (100k\text{Ohms} / RG). \\ \text{The target gain (G) is 1000.} \\ 1000 = 1 + (100k\text{Ohms} / RG) \rightarrow RG = 100.1 \text{ ohms.}$$



## PIC Connections



Team 202: Smart Trash Can

Sheet: /

## **Title: Weight Subsystem Design**

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