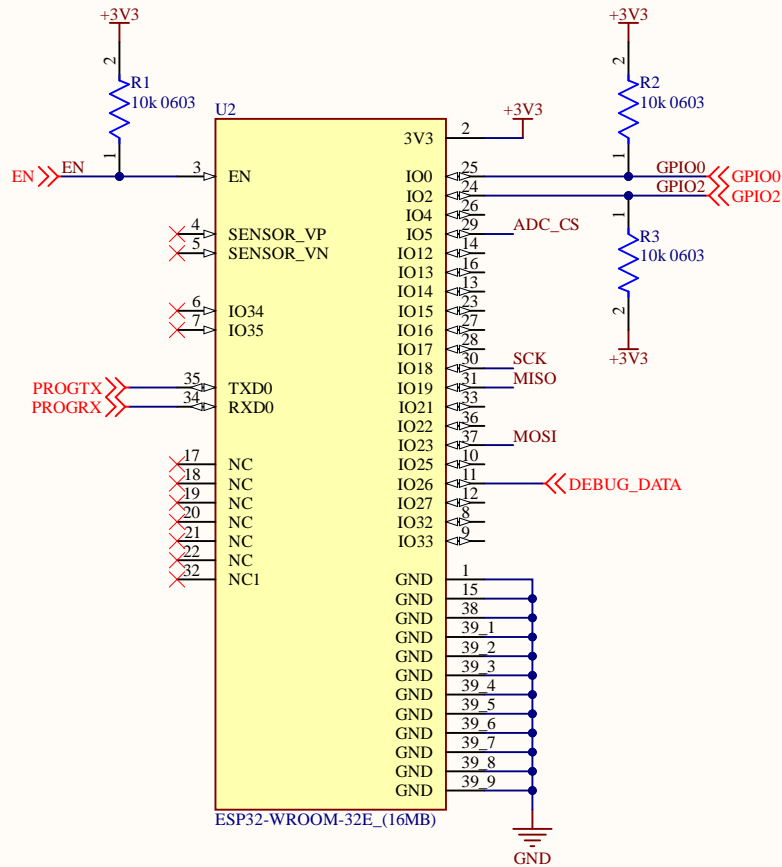
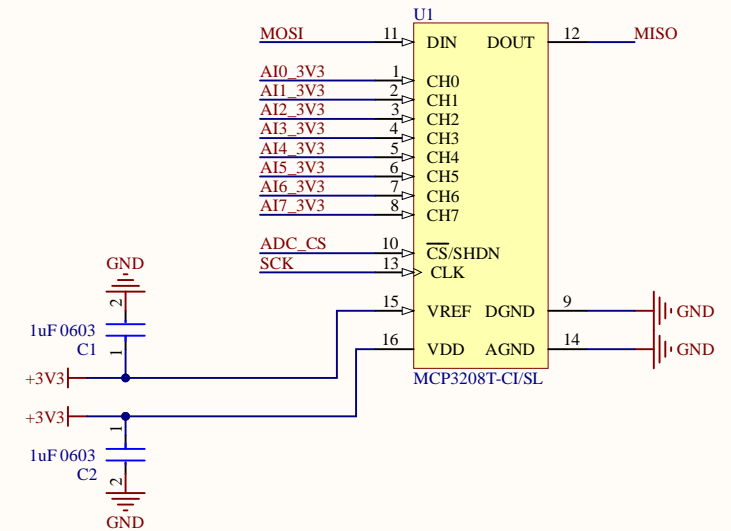


# ESP32



# ADC

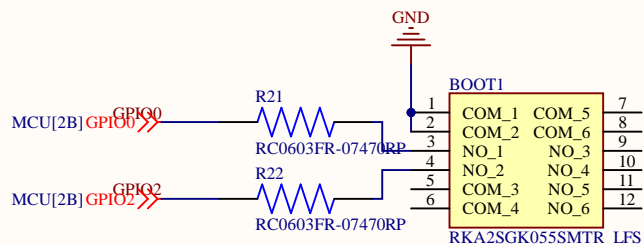
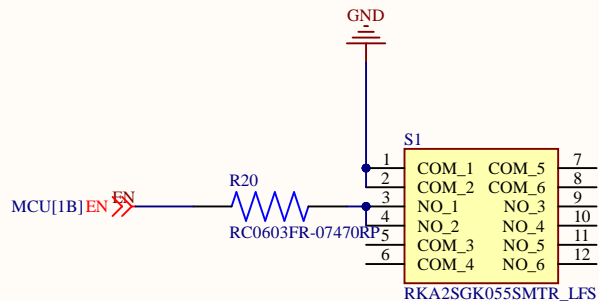


# 3V3 Input Scaling for ADC



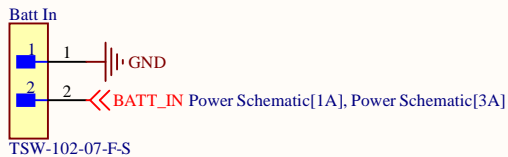
Title			MCU and ADC
Size	Number	Revision	
A4		Rev A	
Date:	10/19/2024	Sheet of	
File:	D:\github\...\MCU.SchDoc	Drawn By:	

## Reset and Boot Buttons

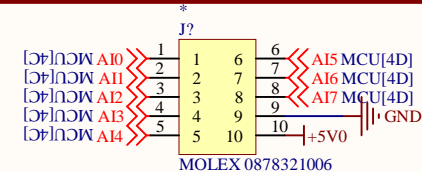


GPIO0 and GPIO2 needs to be pulled LOW to enter Download Boot mode. Only GPIO0 needs to be pulled HIGH for it to enter back the program but we pull both GPIO0 and GPIO2 HIGH for simplicity

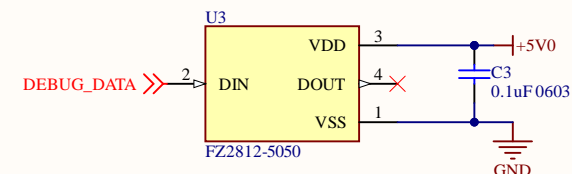
## Battery Power Connector



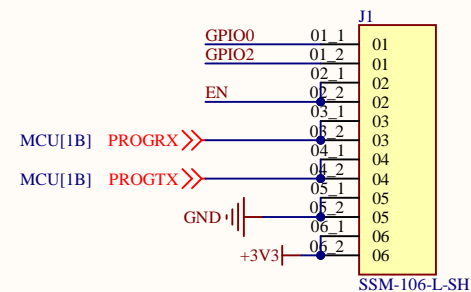
## Reset and Boot Buttons



## Debug LED



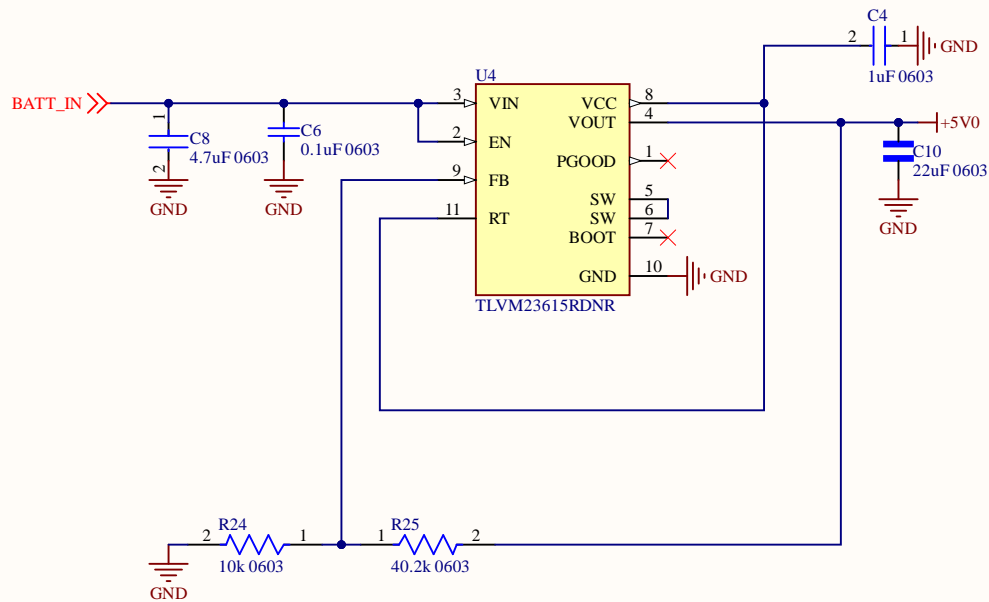
## Debug and Programming Connector



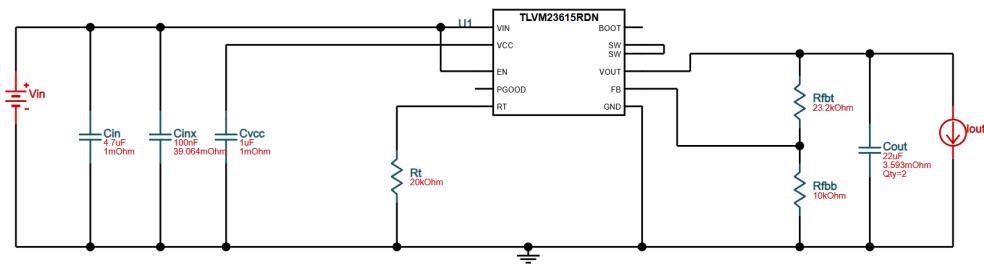
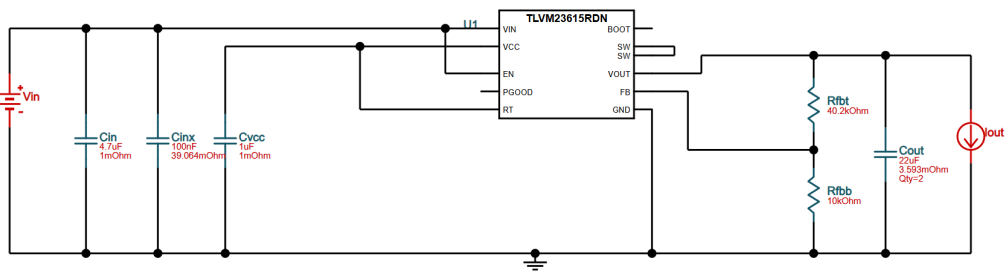
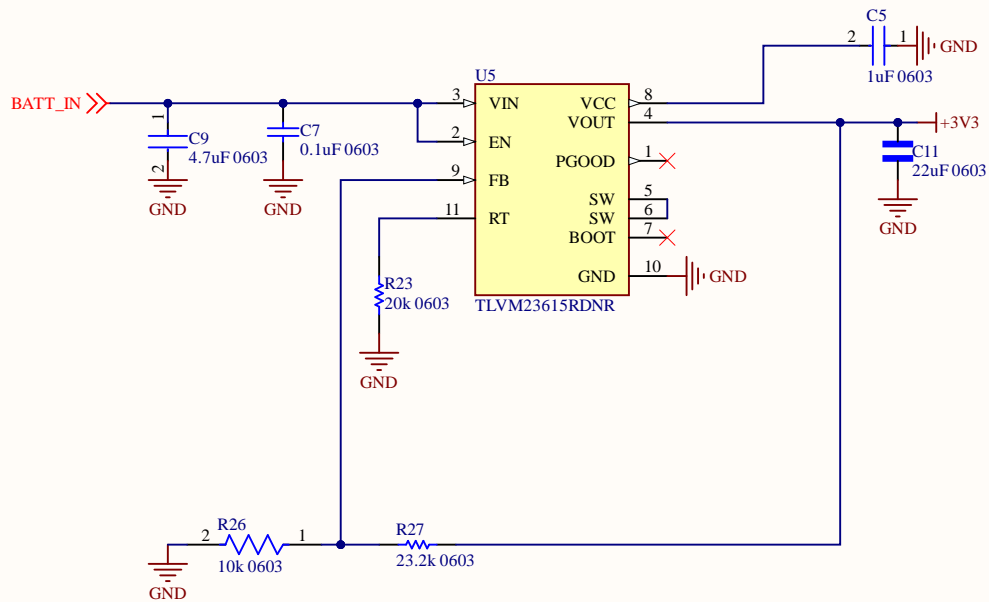
TODO: add a jumper/solder bridge for electrode power

Title		
Buttons, LEDS and Connectors Sheet		
Size	Number	Revision
A4		Rev A
Date:	10/19/2024	Sheet of
File:	D:\github\Buttons, LEDs and Connectors\Buttons	Drawn by:

5V0 Voltage Regulator



3V3 Voltage Regulator



Title			Power Schematic
Size	Number	Revision	
A4		Rev A	
Date:	10/19/2024	Sheet of	
File:	D:\github\...\Power Schematic.SchDoc	Drawn By:	