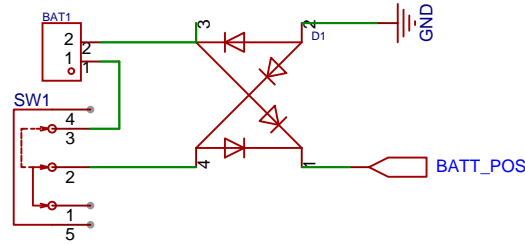
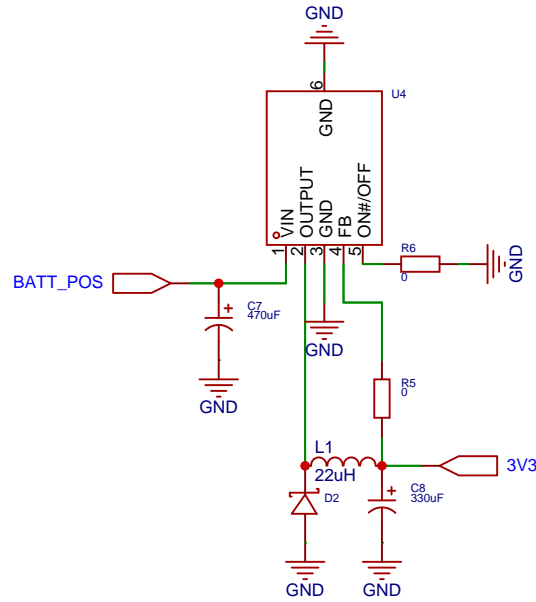


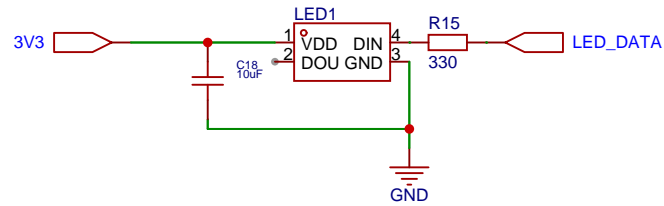
9v battery input



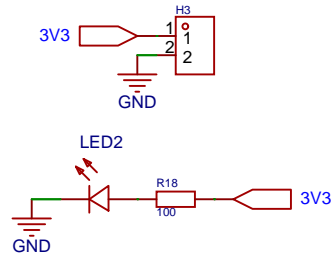
Buck Converter (12v Max)



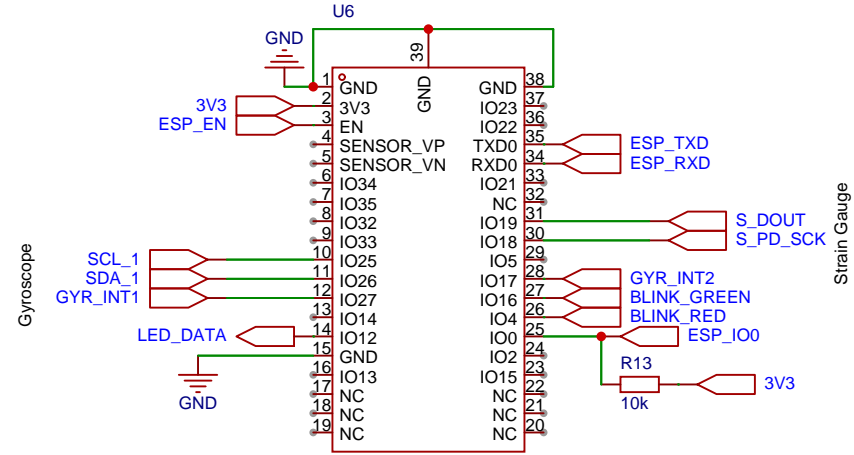
Blinky Fun



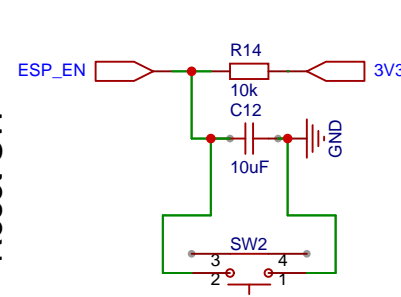
Test Point and Status LED



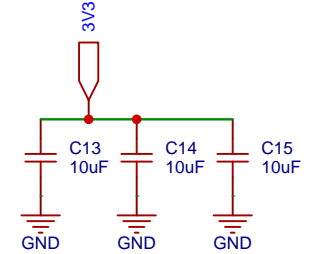
ESP32 and Connections



Reset SW

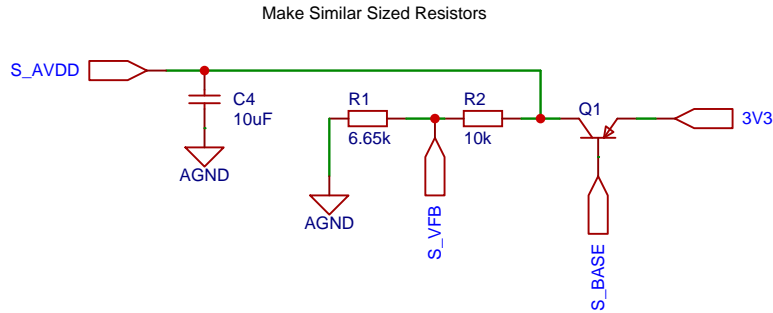


ESP Decoupler Caps

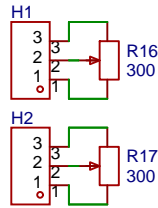


Schematic	Strain Gauge Paddle		Update Date	2023-11-12
			Create Date	2023-10-30
Page	ESP and Power		Part Number	JLPCB-002
Drawn	EasyEDA Pro	Strain Gauge Paddle		
Reviewed	EasyEDA Pro			
		VER	SIZE	PAGE 1 OF 3
		V0.1	A4	EasyEDA.com

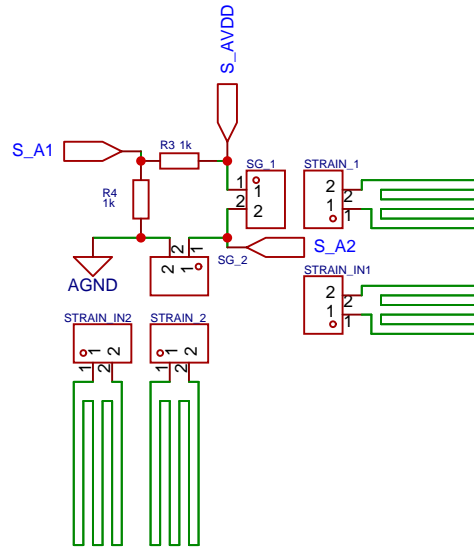
Voltage divider to set analog reference voltage



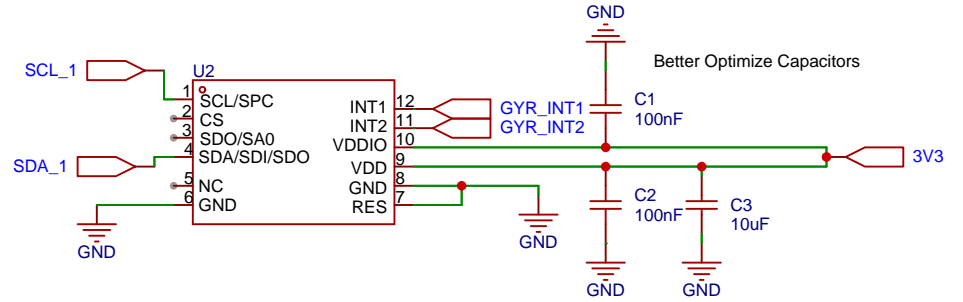
On PCB Trim Pots
Because James is Paranoid



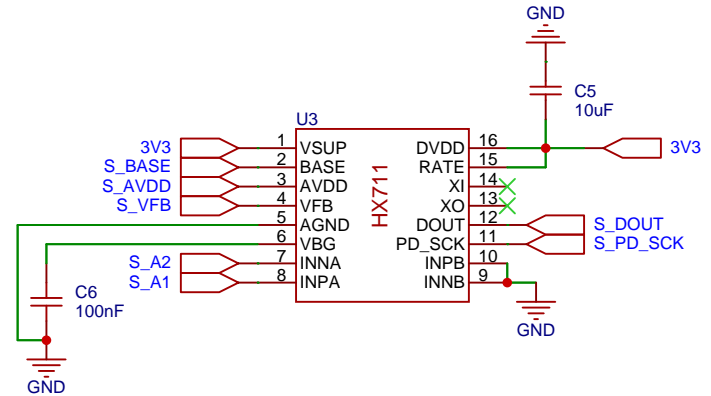
Wheatstone bridge



Gyroscope Sensor



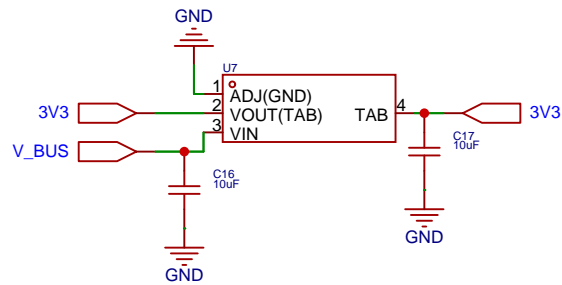
Loadcell Amplifier



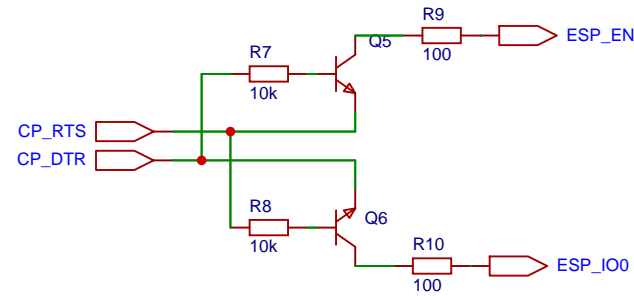
V0.2
- Connected Loadcell AMP to Ground (was floating AGND not connected to GND)

Schematic	Strain Gauge Paddle			Update Date	2023-12-18
				Create Date	2023-10-30
Page	Gyroscope and Strain Guage			Part Number	JLPCB-002
Drawn	EasyEDA Pro	Strain Gauge Paddle			
Reviewed	EasyEDA Pro				
		VER	SIZE	PAGE	2 OF 3
EasyEDA		V0.2	A4	EasyEDA.com	

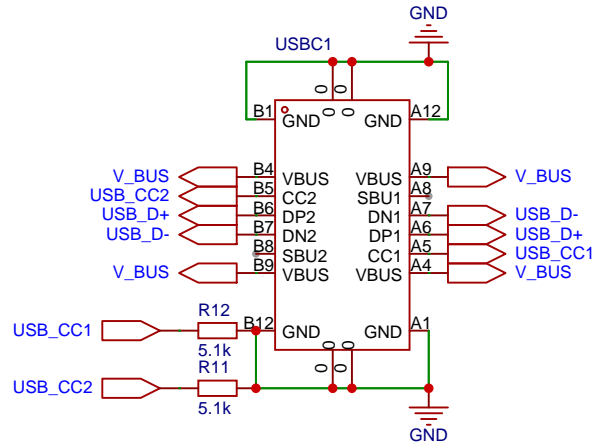
LDO for 3V3 from USB when programming



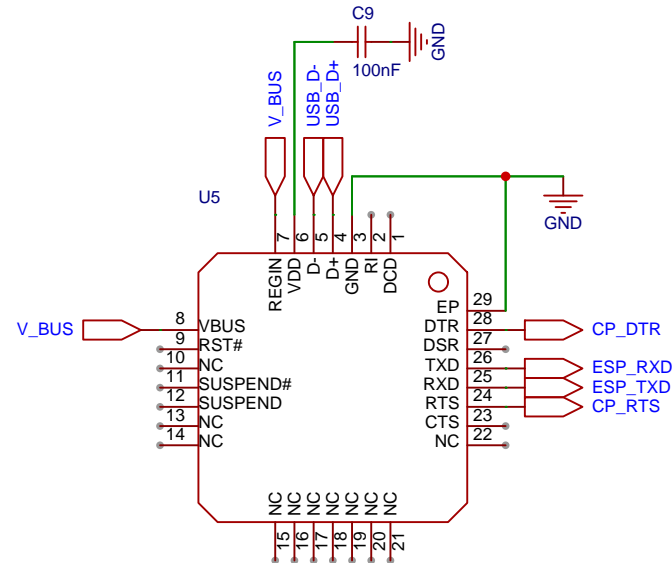
Magical Reset ESP when USB programming



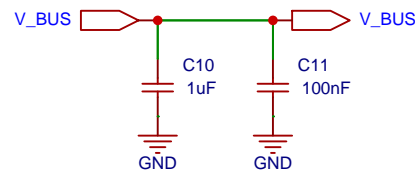
USB C Connector



CP2102 USB <--> Serial



CP2102 Decoupling



Schematic	Strain Gauge Paddle			Update Date	2023-11-11
				Create Date	2023-11-12
Page	P3			Part Number	JLCPCB-002
Drawn	EasyEDA Pro	Strain Gauge Paddle			
Reviewed	EasyEDA Pro				
		VER	SIZE	PAGE	3 OF 3
EasyEDA		V0.1	A4	EasyEDA.com	