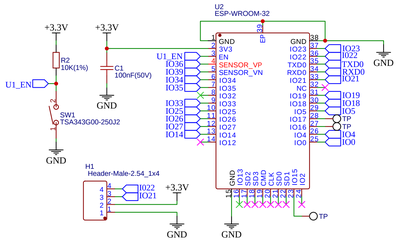
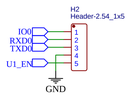
MICROCONTROLLER

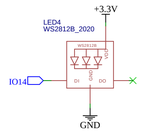


PIN ASSIGNMENT TABLE			
U1_EN	ESP ENABLE/RESET	IO0	ESP BOOT/PROGRAM
IO36	Push Button Y	IO4	Ext Digital Temp Sensors
IO39	Push Button X	IO5	SPI CS ADC1
IO34	Push Button B	IO18	SPI SCK
IO35	Push Button A	IO19	SPI MISO
IO33	LDO 5V EN	IO21	I2C SDA
IO25	Balancing Cell 3	RXD0	ESP UART RX
IO26	Balancing Cell 2	TXD0	ESP UART TX
IO27	Balancing Cell 1	IO22	I2C SCL
IO14	System LED	IO23	SPI MOSI

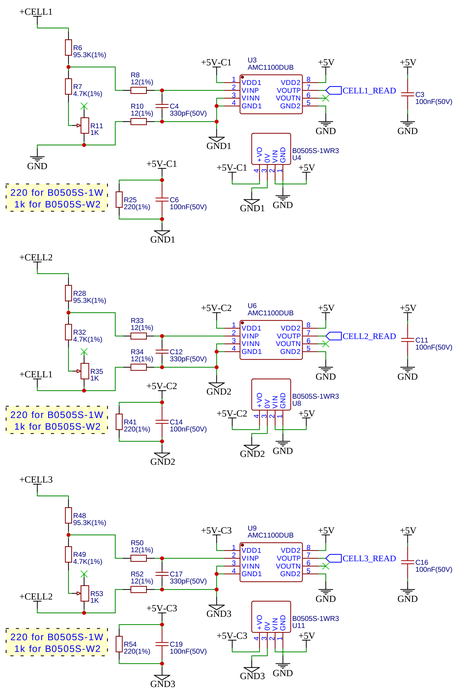
UART



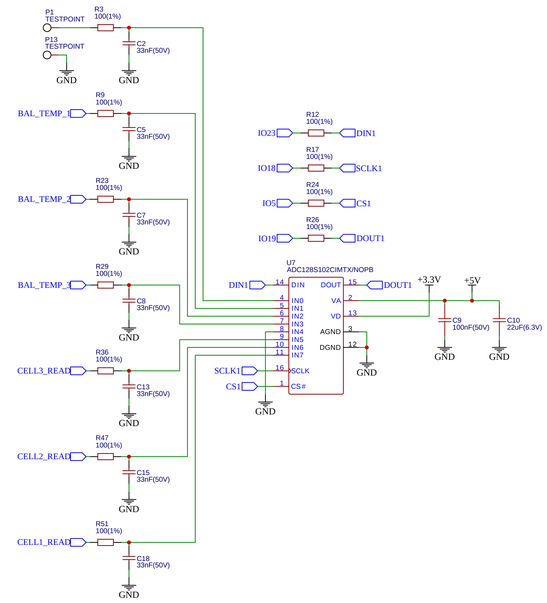
SYSTEM LED



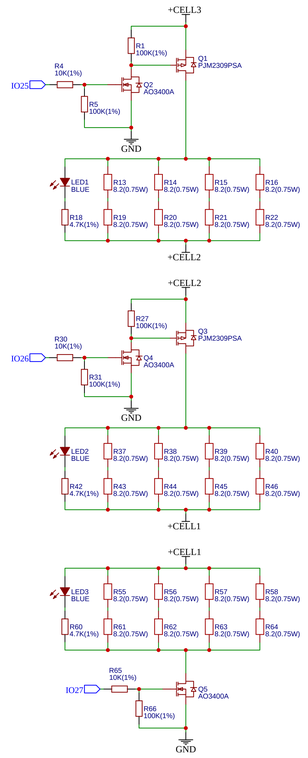
VOLTAGE MEASUREMENT



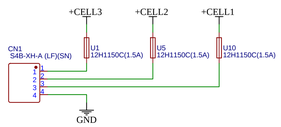
ANALOG TO DIGITAL CONVERTER



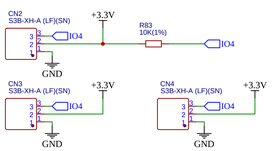
VOLTAGE BALANCING



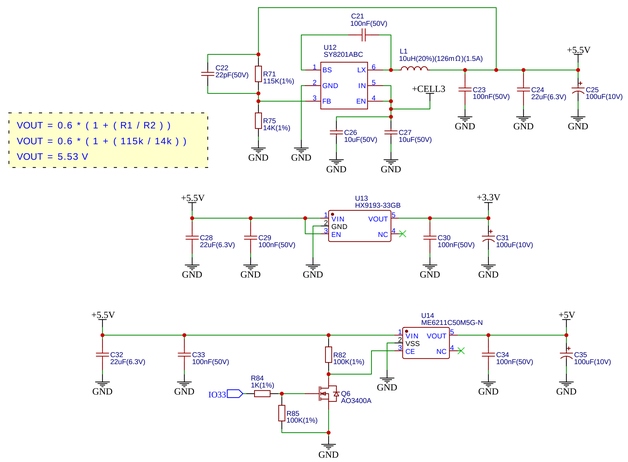
CELLS CONNECTOR



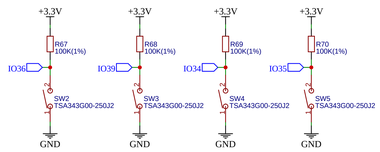
CELLS TEMPEMPERATURE



REGULATORS

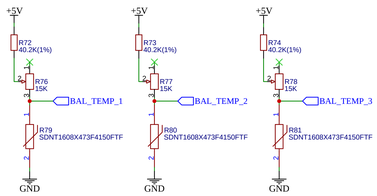


PUSH BUTTONS



MOUNTING HOLES

BALANCING TEMPERATURE



TITLE: myWBMS - BMM		REV: 0.2
EasyEDA	Company: Simemap	Sheet: 1/1
	Date: 2021-06-22 Drawn By: motshua	