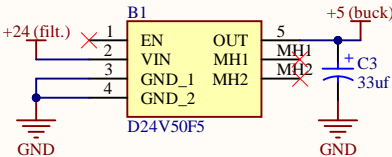
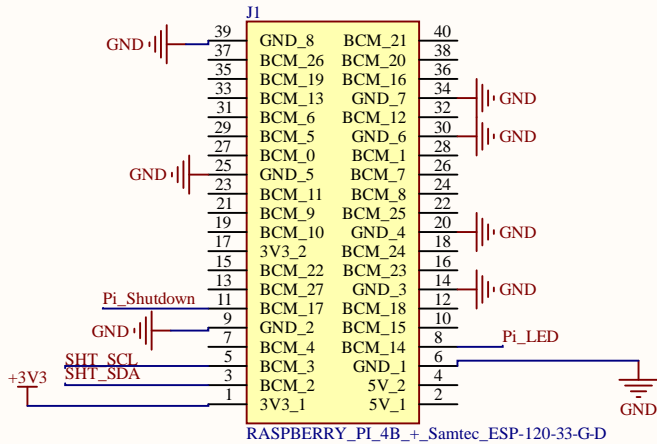


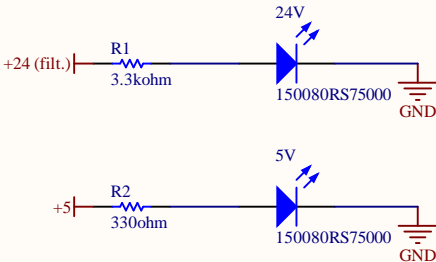
# DC-DC Regulator Up to 5A



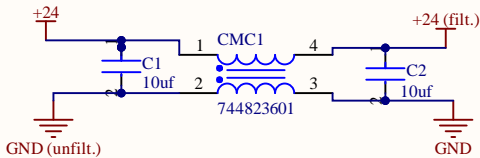
# RPi 4



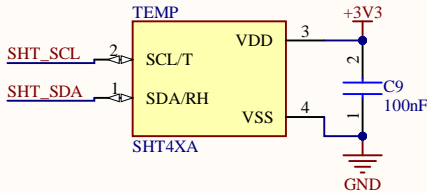
# LED Indicators



# Power Filtering

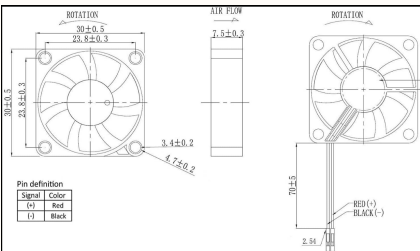


# Temp + Humidity

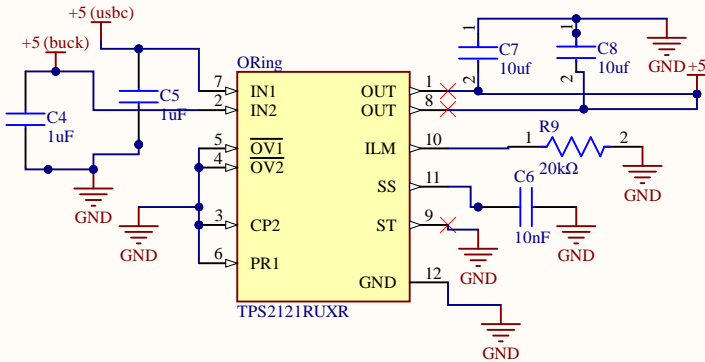


Old Board size is 100mm by 66mm  
New Board Size is 120mm by 70mm

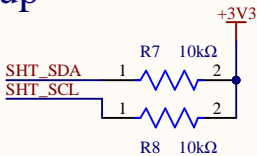
# Fan



# Power ORing

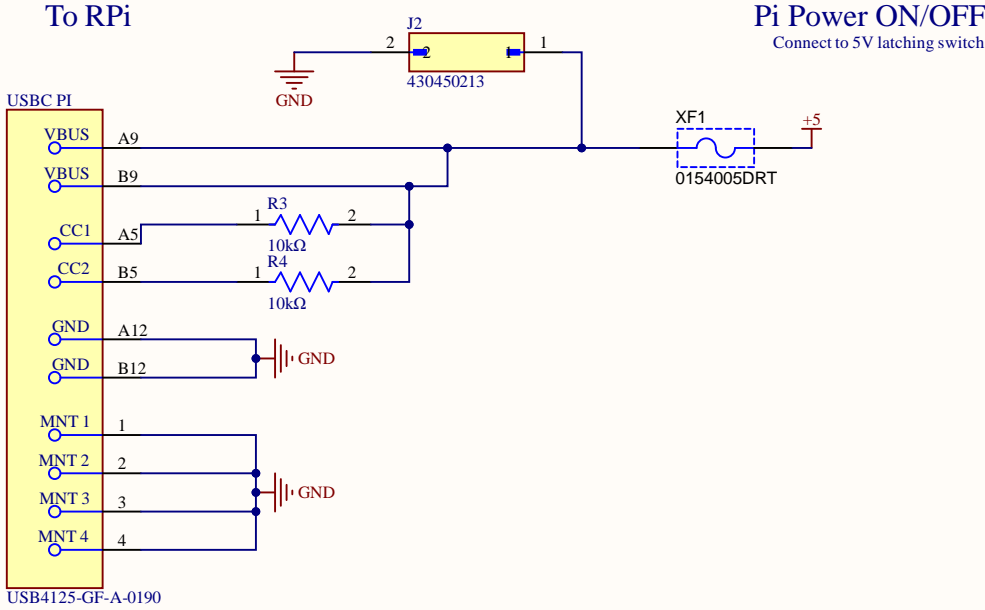


# I2C Pullup



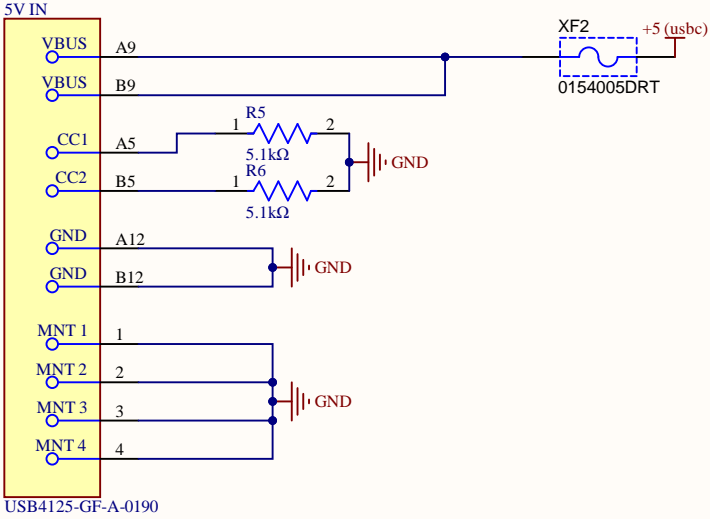
Title		
Size	Number	Revision
A4		
Date:	12/10/2024	Sheet of
File:	[1] Peripherals.SchDoc	Drawn By:

RPi 4 USB-C Connection

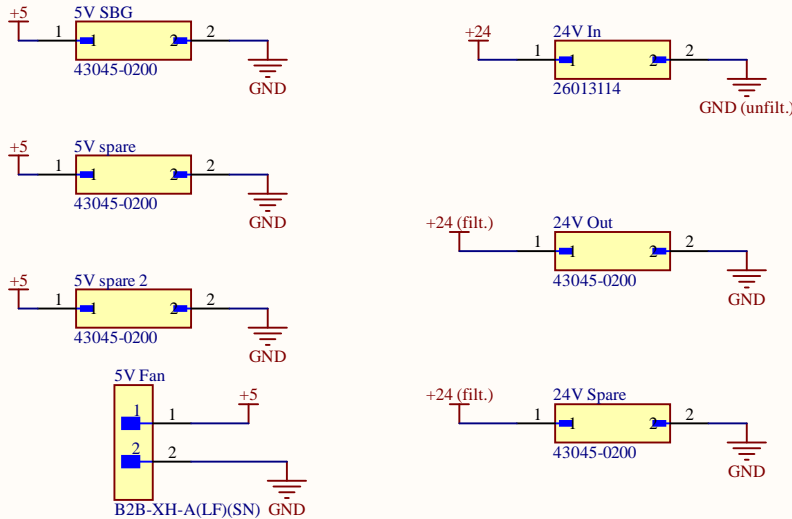


Ext USBC 5V IN

Take Ext 5V via a USBC-USBC cable to power RPI4

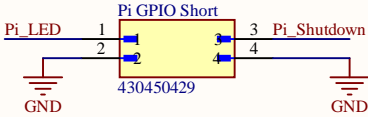


Breakout Power Connectors

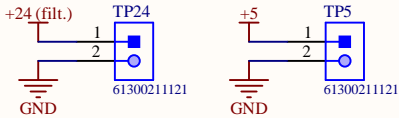


RPi 4 Safe Shutdown  
Short GPIO17 (pin 11) to GND

Connect to 5V momentary switch



Test Points



Title		
Size	Number	
A4		
Date:	12/10/2024	Sheet of
File:	[2] Connectors.SchDoc	Drawn By: