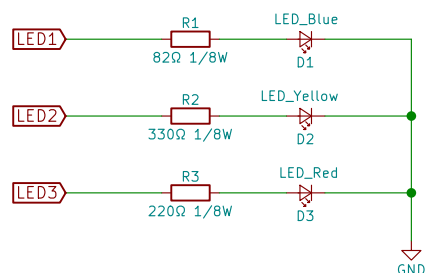
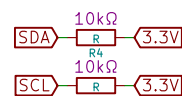
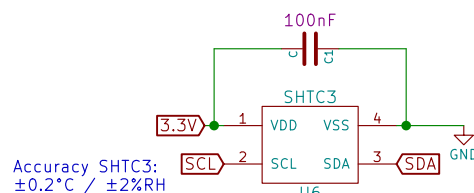


LEDs

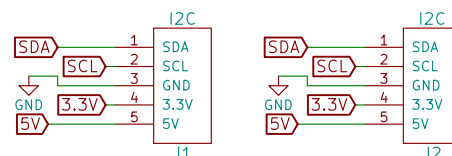


## SHTC3 Sensor

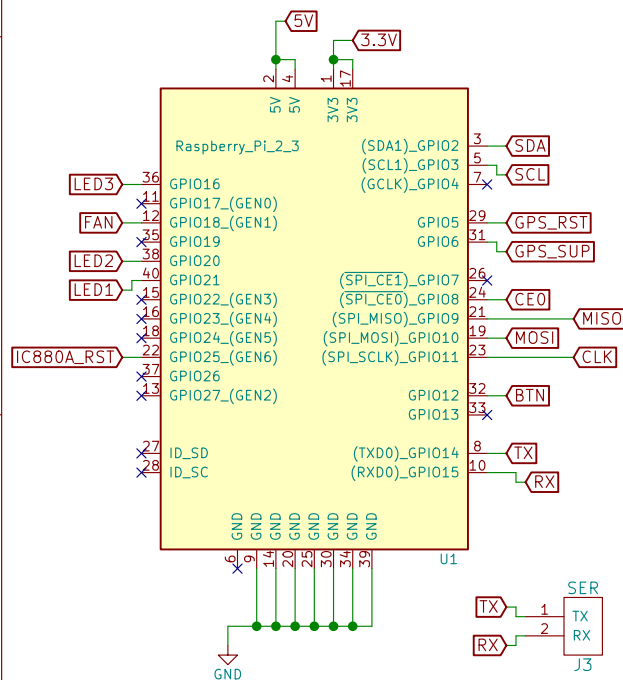
The Sensirion SHTC3 sensor measures both temperature and humidity.

I<sup>2</sup>C Pull-Ups

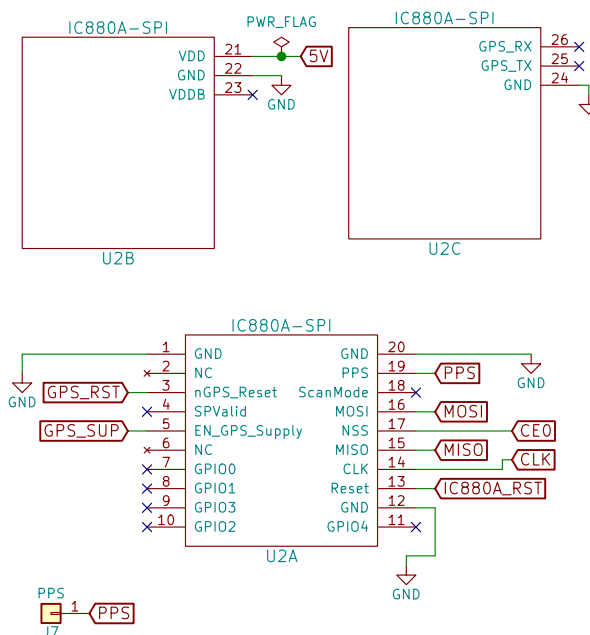
## $^{12}\text{C}$ Breakouts



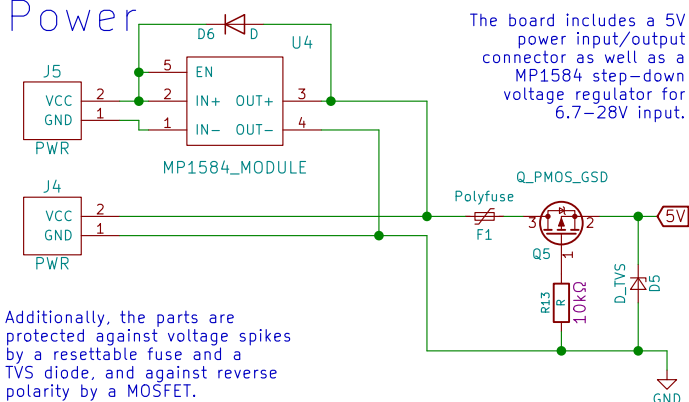
# Raspberry Pi



## iC880A

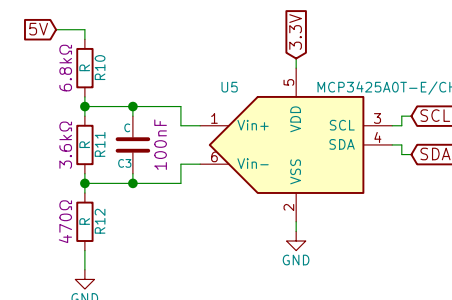


## Power



ADC

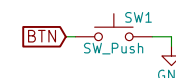
This is a 16-Bit Analog-to-Digital Converter that is wired up to measure the Raspberry Pi supply voltage.



## Button

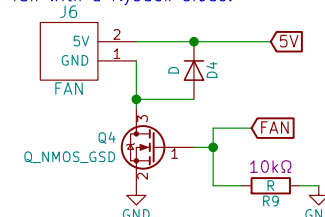
A simple button connected to GPIO12. It could be programmed to shut down the Rpi on button press.

Note that you need to enable the internal pull-up for the button to work.



## DC Fan

Connector for a 5V DC fan with a flyback diode.



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Sheet: /  
File: backplane.sch

**Title: iC880A RPi Backplane**

Size: A4	Date: 2019-07-16
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Rev: v2.1

Id: 1/1