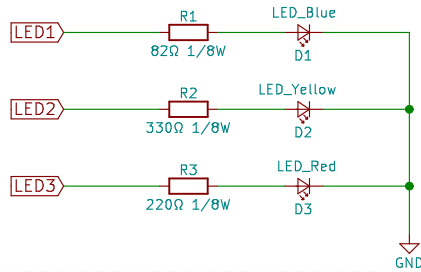
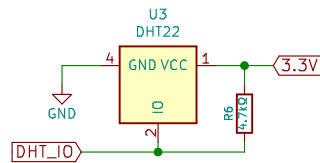


## LEDs

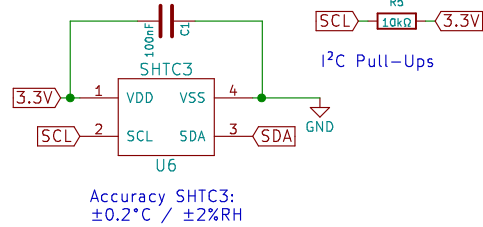


## DHT22

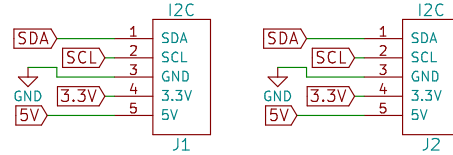


## SHTC3 Sensor

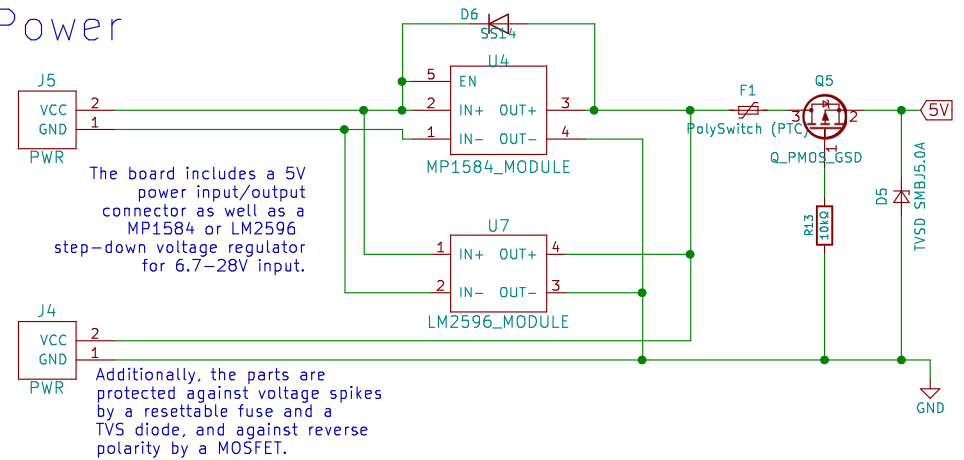
The Sensirion SHTC3 sensor measures both temperature and humidity.



## I<sup>2</sup>C Breakouts

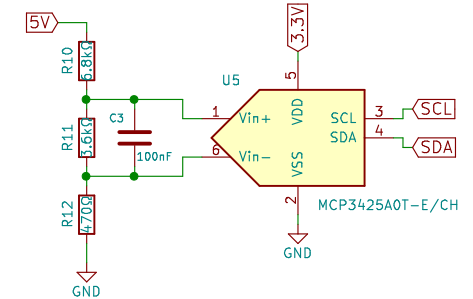


## Power

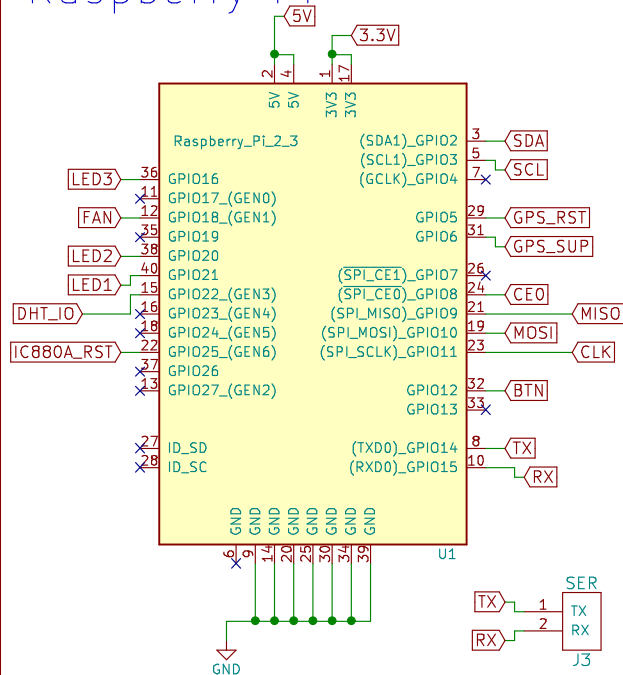


## ADC

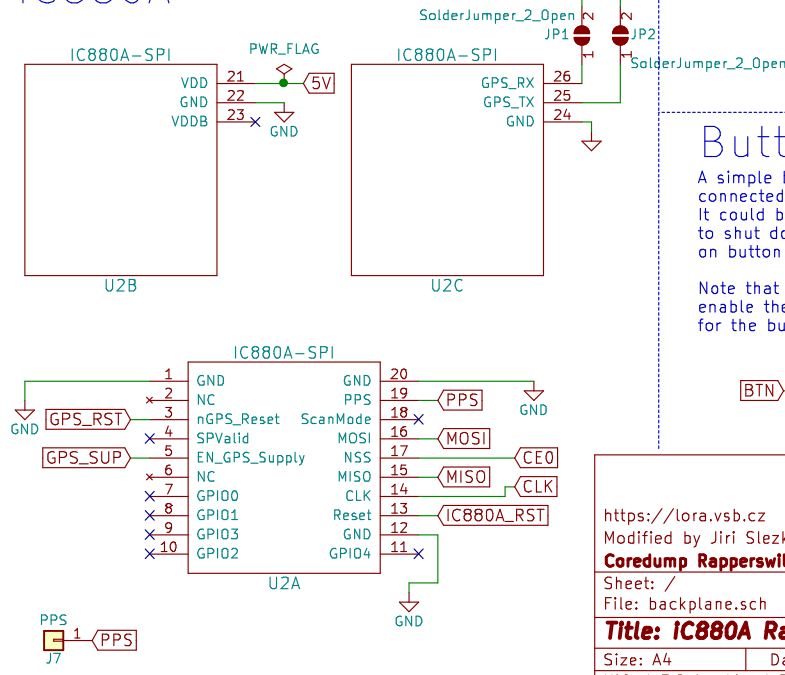
This is a 16-Bit Analog-to-Digital Converter that is wired up to measure the Raspberry Pi supply voltage.



## Raspberry Pi



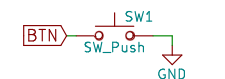
## iC880A



## Button

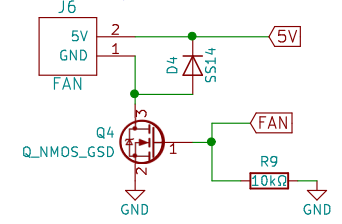
A simple button connected to GPIO12. It could be programmed to shut down the Rpi on button press.

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.



<https://lora.vsb.cz>  
Modified by Jiri Slezka / CIT SU  
Coredump Rapperswil, <https://coredump.ch/>

Sheet: /  
File: backplane.sch  
**Title: IC880A Raspberry Pi Backplane**

Size: A4 Date: 2019-10-14  
KiCad E.D.A. kicad 5.1.4-3.fc30

Rev: v2.1-2  
Id: 1/1