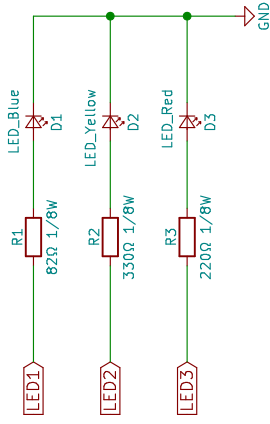
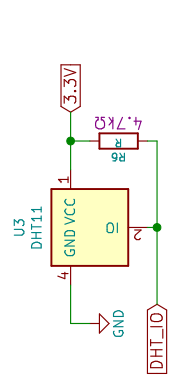


SEDS

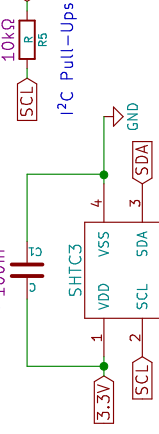


DHT22



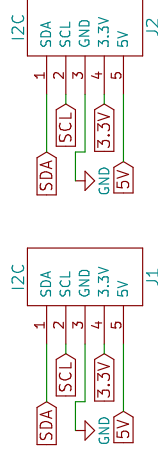
SHTC3 Sensor

The Sensirion SHTC3 sensor measures both temperature and humidity. **100°F**

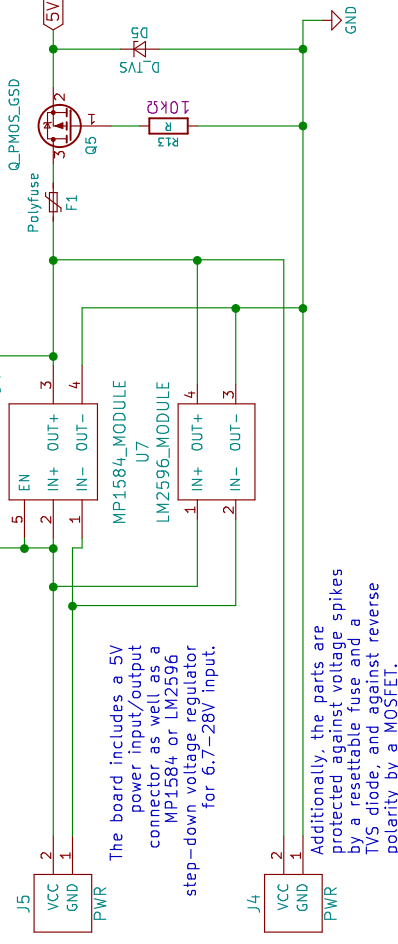


Accuracy SHTC3:
±0.2°C / ±2%RH

^{12}C Breakouts



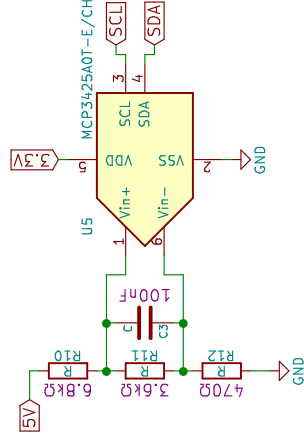
Power



Additionally, the parts are protected against voltage spikes by a resettable fuse and a TVS diode, and against reverse polarity by a MOSFET.

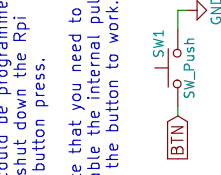
ADC

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



Button

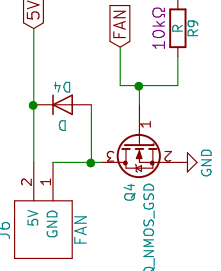
A simple button connected to GPIO12. It could be programmed to shut down the Rpi on button press.



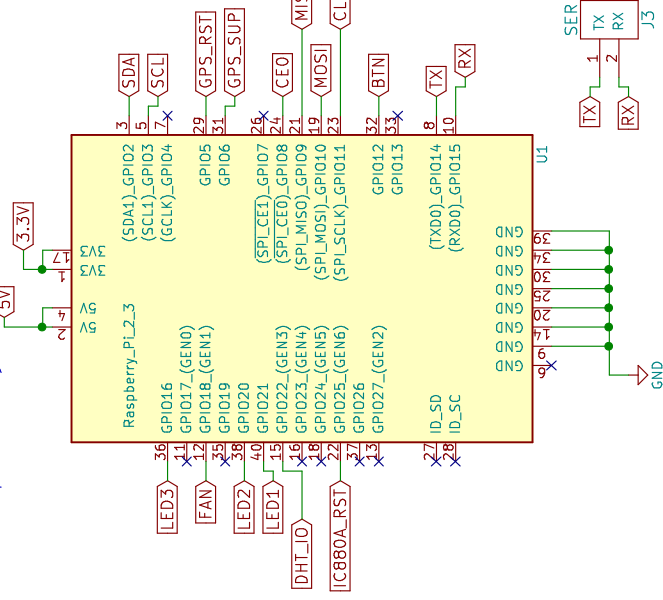
Note that you need to enable the internal pull-up for the button to work.

DC Fan

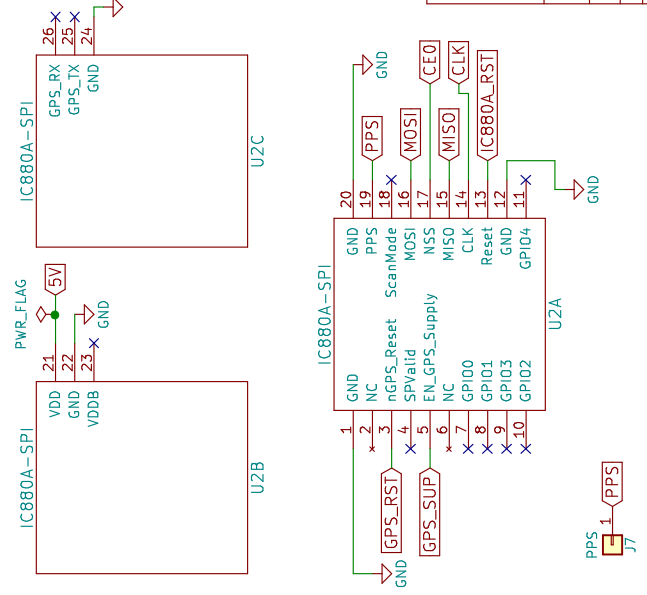
Connector for a 5V DC fan with a flyback diode.



Raspberry Pi



CC80A



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

Coredump Rapperswil, <https://coredump.ch/>

Sheet: /
File: backplane.sch

Title: iC880A Raspberry Pi Backplane

Size: A4	Date: 2019-08-22	Rev: v2.1-1
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Id: 1/1