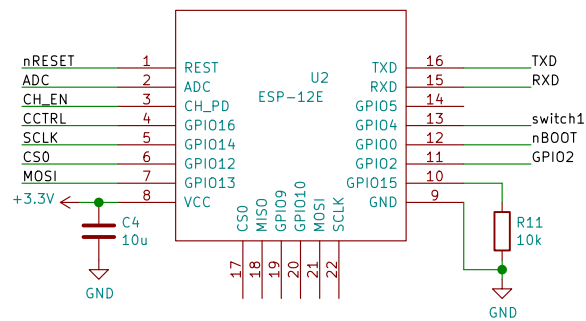
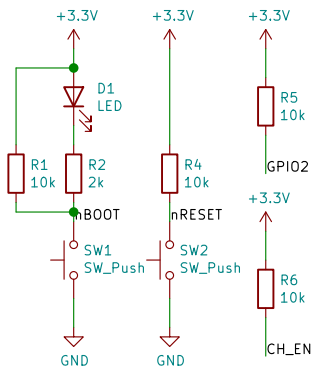
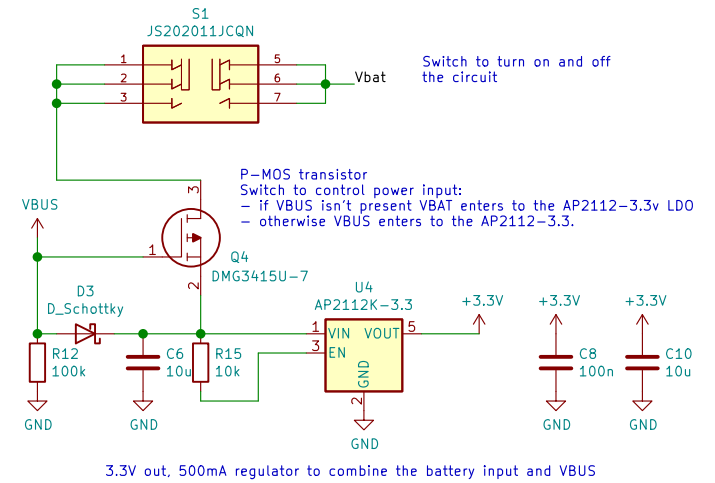


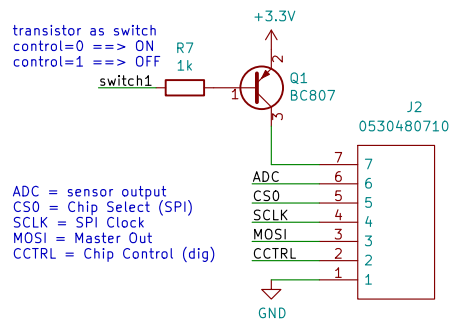
ESP8266



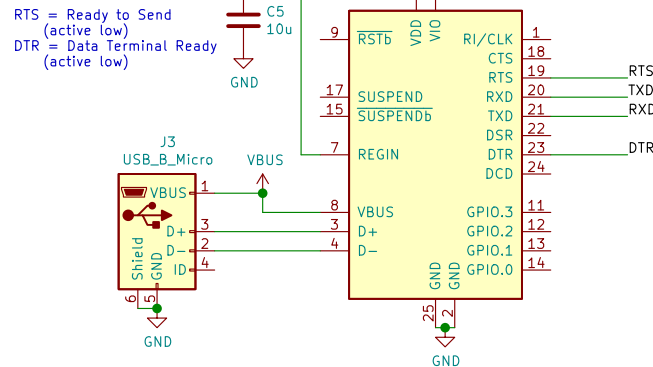
POWER CIRCUIT AND FILTERING



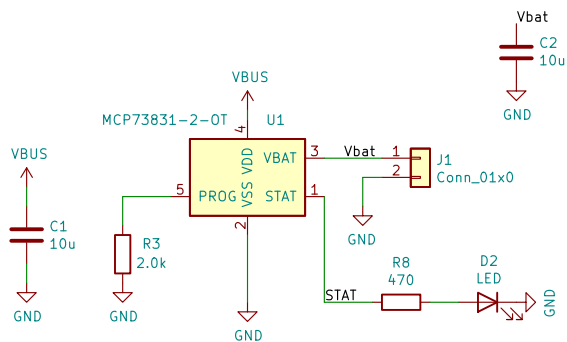
CONNECTOR TO SENSOR BOARD



USB TO UART



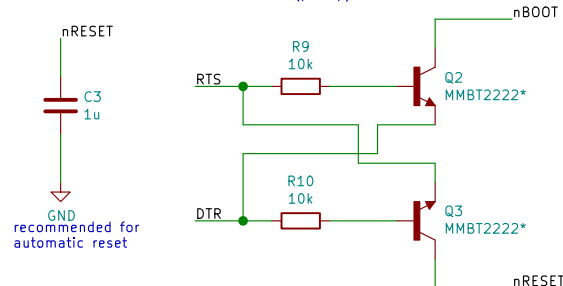
BATTERY CHARGER



AUTORESET

Reboot mode:
"If GPIO0 is held low during power-up, it starts boot-mode".
GPIO2 can also be used for bootload, so keep it high.

DTR=1, RTS=0 ==> nRESET=0, nBOOT=1 (pullup)
DTR=0, RTS=1 ==> nRESET=1 (pullup), nBOOT=0



This is the schematics of our Chic Sensor 4.0
It contains a 'chip sensor' AT42QT1010 (only digital output) for debugging
It contains a connector for our Sensor Board 2.0
It contains automatic bootloading circuit

Sheet: /
File: CHIC_PCB1.sch

Title: CHIC Sensor Module 4.0

Size: A4 Date:
KiCad E.D.A. kicad 5.1.7-a382d34a887ubuntu20.04.1

Rev:
Id: 1/1