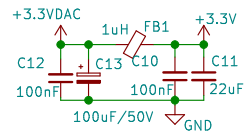


Design Philosophy:
 * over engineered to enable experimentation and exploration of a filament and nozzle limits
 * cost is not a big driver for this design, but it has been taken into account
 * not much thought on mounting issues, but this version will have to be mounted close to the printhead

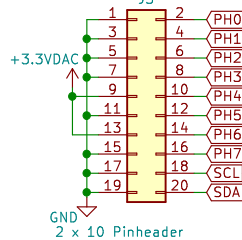
Sheet: UART

File: UART.sch

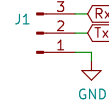
Local Power Filtering



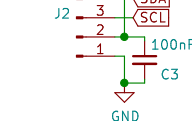
To Printhead-Driver Board



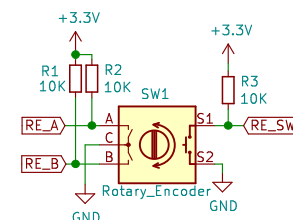
Optional
Serial Prog



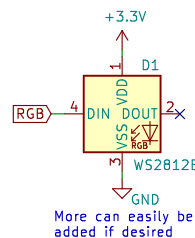
Optional
OLED Screen



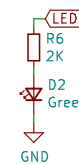
Optional Rotary Encoder



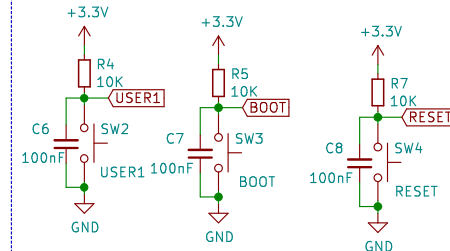
Status Bling



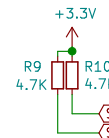
Power/Program Running



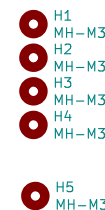
ESP32 Boot, Reset & User Switches



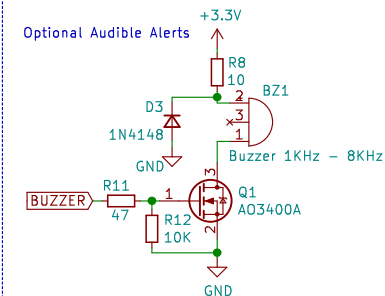
i2C Pullups



Board M3 Mounting holes



Optional Audible Alerts



PRL
OPJ

Sheet: /
File: Printhead-Controller.sch

Title: Open-PyroJet

Size: A4 Date: 2022-03-16

KiCad E.D.A. kicad (5.1.12)-1

Rev: 0.5c1

Id: 1/2

