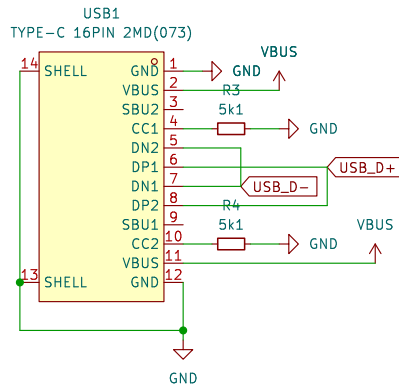
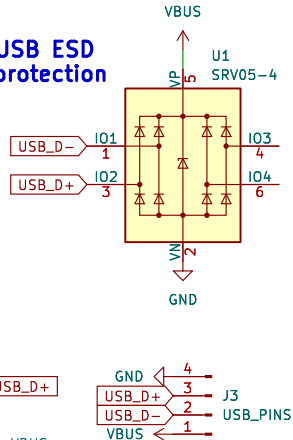


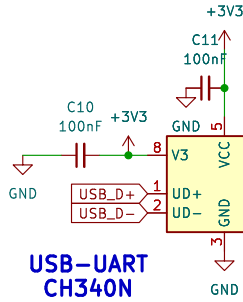
## USB-C connector



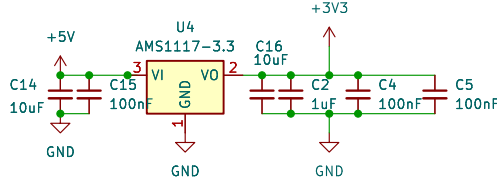
## USB ESD protection



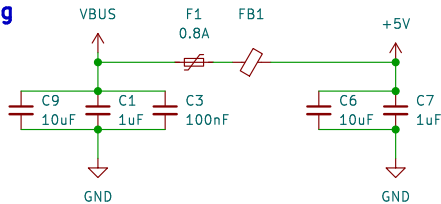
## USB-UART CH340N



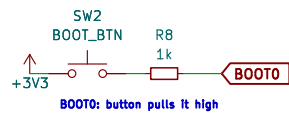
## 3V3 linear reg.



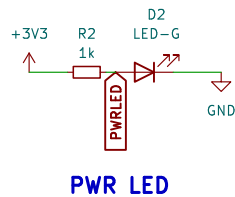
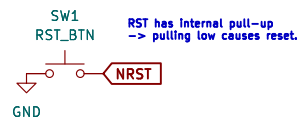
## Fuse & PWR filtering



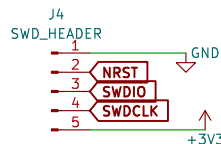
## BOOT button



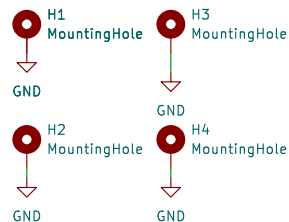
## RESET button



## PWR LED



## SWD header



## PUYAISP support:

Serial pins PA2 (PY32 TX) / PA3 (PY32 RX) selected to match with:  
<https://github.com/wagiminator/MCU-Flash-Tools?tab=readme-ov-file#puyaisp>

MCU to bootloader mode:

Disconnect USB cable, press and hold the BOOT button, then connect USB. BOOT button can be released now.

OR

Connect USB cable. Press and hold the BOOT button, then press and release the RESET button and then release the BOOT button.

Then you can flash: python3 puyaisp.py -f firmware.bin

See the URL above for more information.



## PYPILL32 rev.A

This board is licensed under CERN-OHL-W (weakly reciprocal). See the attached LICENSE.

Sheet: /  
 File: pypill32.kicad\_sch

Title: pypill32 - indie py32f030 evaluation board

Size: A4  
 KiCad E.D.A. 8.0.4

Date:

Rev: A  
 Id: 1/1