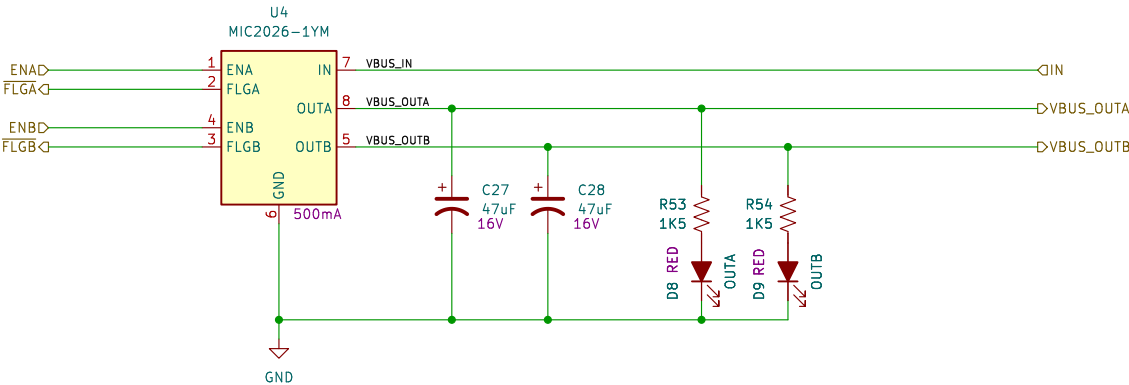
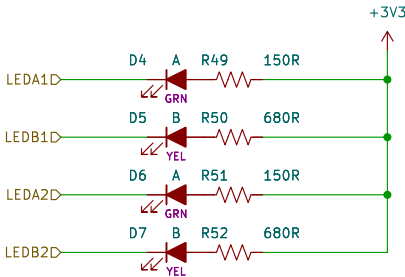




Dual Channel Power Distributon Switch 500mA/channel



STATUS LEDs



LEDA LOW = LS device attached  
LEDA HIGH = FS device attached  
LEDA 1KHz = HS device attached  
LEDA TRI = no device attached

License GPLv3  
All resistors are 1% unless otherwise mentioned.

Voltlog

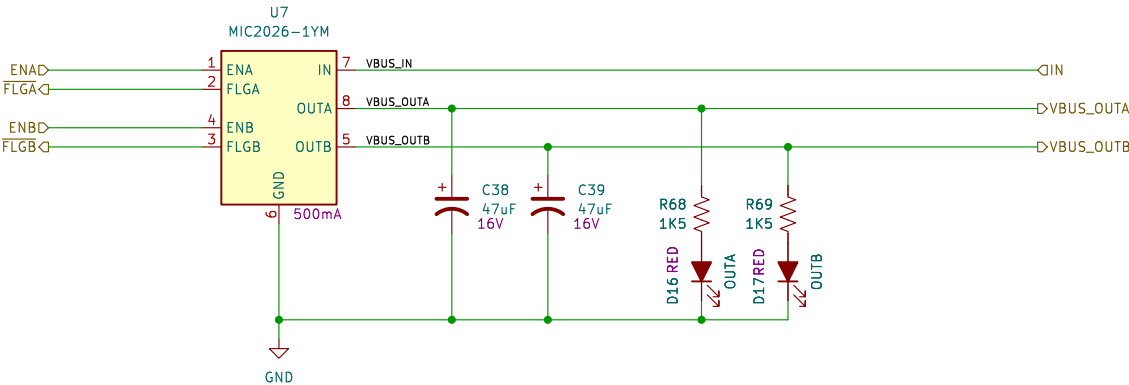
Sheet: /Port1 down/  
File: downstream\_port.kicad\_sch

Title: VoltHub7

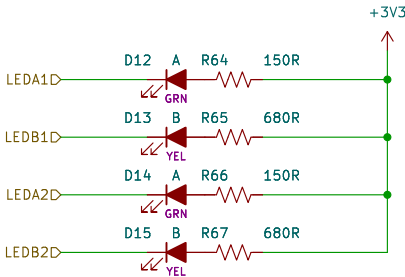
Size: A4	Date: 2024-01-26	Rev: A
KiCad E.D.A. kicad 7.0.9		Id: 2/7



Dual Channel Power Distributon Switch 500mA/channel



STATUS LEDs



LEDA LOW = LS device attached  
LEDA HIGH = FS device attached  
LEDA 1KHz = HS device attached  
LEDA TRI = no device attached

License GPLv3  
All resistors are 1% unless otherwise mentioned.  
**Voltlog**

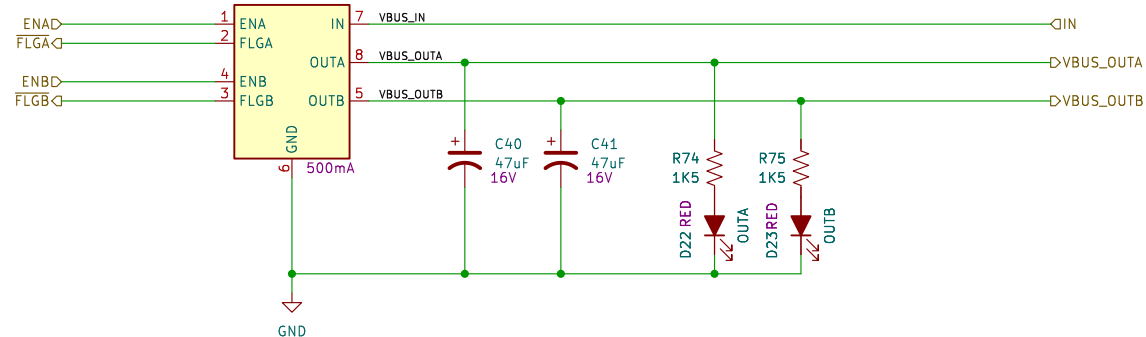
Sheet: /Port2 down/  
File: downstream\_port.kicad\_sch

**Title: VoltHub7**

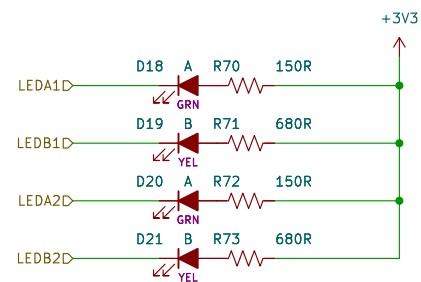
Size: A4  
Date: 2024-01-26  
KiCad E.D.A. kicad 7.0.9

Rev: A  
Id: 4/7

U8  
MIC2026-1YM



## STATUS LEDs



LEDA LOW = LS device attached  
LEDA HIGH = FS device attached  
LEDA 1KHz = HS device attached  
LEDA TRI = no device attached

License GPLv3

All resistors are 1% unless otherwise mentioned.

## Voltlog

Sheet: /Port3 down/

File: downstream\_port.kicad\_sch

## Title: VoltHub7

Size: A4

Date: 2024-01-26

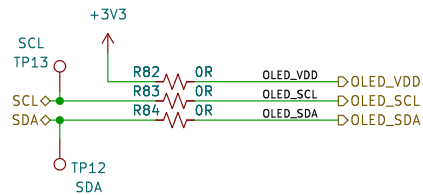
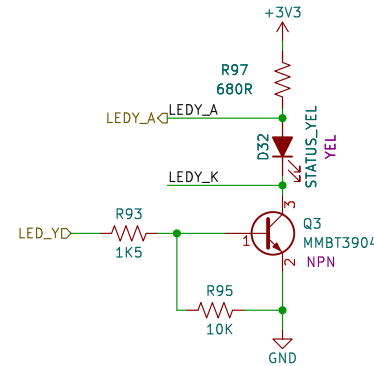
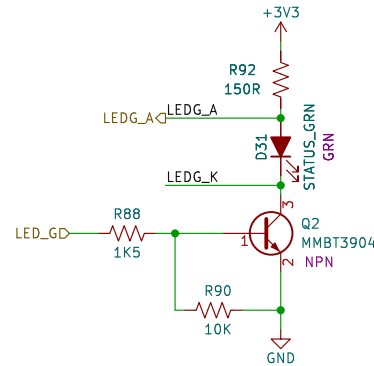
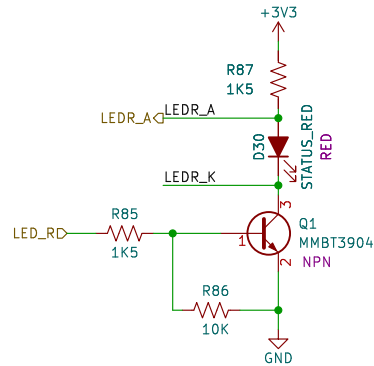
Size: A4	Date: 2
KiCad E.D.A.	kicad 7.0.9

Rev: A

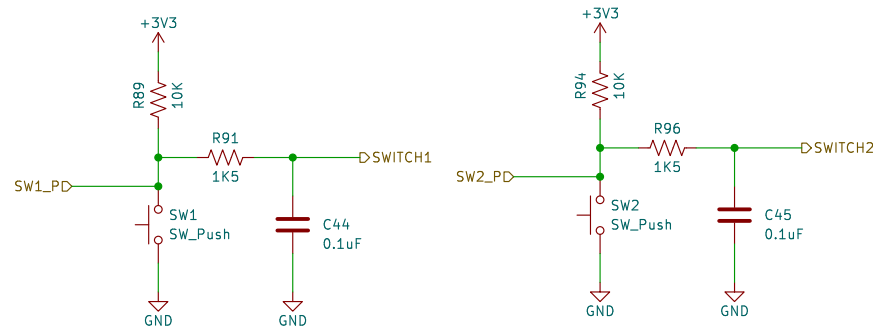
Id: 5/7

Id: 6/7

LED\_L, SW\_N, OLED\_GND can be tied internally in the test jig to available GND.  
These 3 LEDs can be position on the test jig itself to signal process status.



An I2C OLED can be connected to the RaspberryPi  
For additional visual status indicators.



These switches can be read by the RaspberryPi and used as triggers for the various scripts.

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All resistors are 1% unless otherwise mentioned.

**Voltlog**

Sheet: /InputOutput/  
File: output.kicad\_sch

**Title: VoltHub7**

Size: A4 Date: 2024-01-26  
KiCad E.D.A. kicad 7.0.9

Rev: A  
Id: 7/7