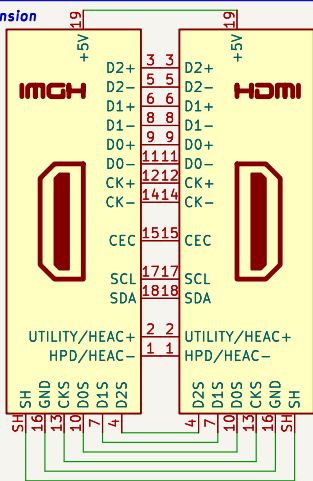


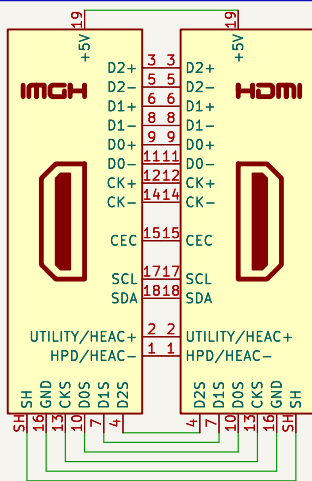
# HDMI Port Extension

J1  
HDMI0\_Plug



J2  
HDMI0\_Receptacle

J3  
HDMI1\_Plug

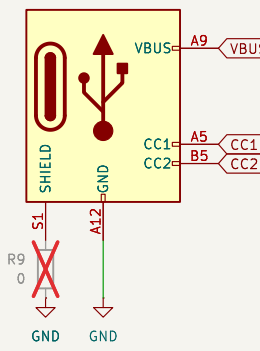


J4  
HDMI1\_Receptacle

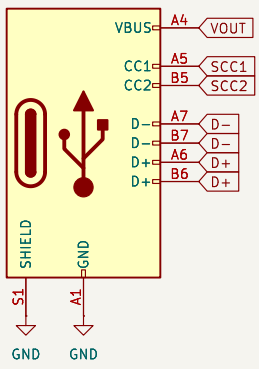
# USB-C PD Receptacle & 5V5A Plug

USB 2.0 Data Transfer is not possible.

J5  
USB\_C\_PD\_Receptacle



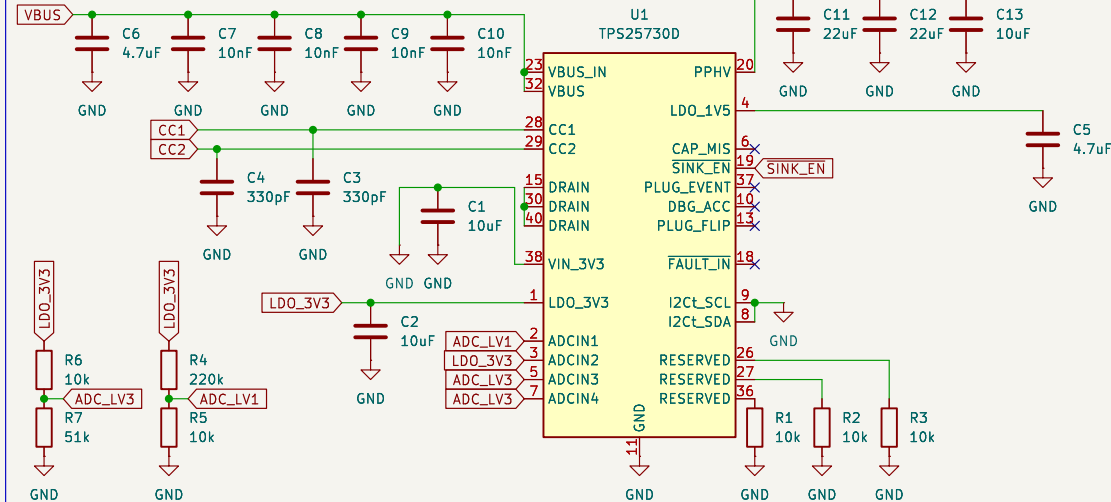
P1  
USB\_C\_5V5A\_Plug



# Status LED

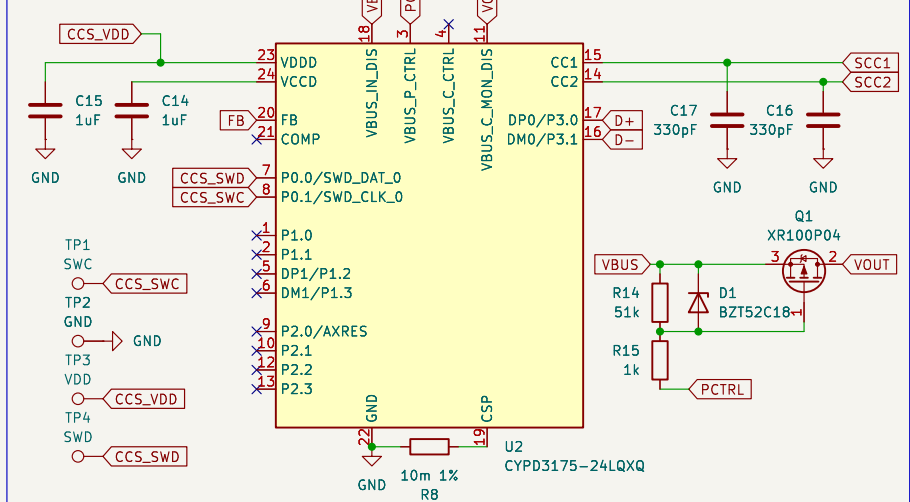
## TPS25730D USB-C PD Sink Controller

Configured to negotiate 9V+ 3A+

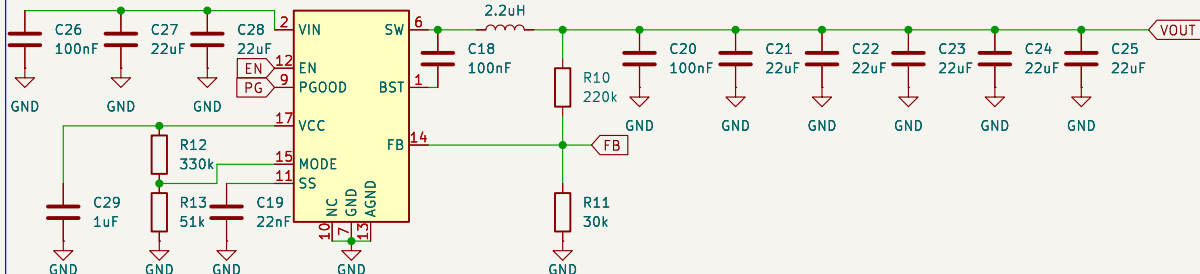


## CYPD3175 USB-C PD Source Controller

Will be configured to negotiate 5V 5A



## TPS51396A 5V 8A Output Buck Converter



Sheet: /

File: RPi5-PD-extension.kicad\_sch

Title: Raspberry Pi 5 USB PD to 5V 5A Extension Card

Size: A4 Date: 2026/01/09

KiCad E.D.A. 9.0.6

Rev: v1\_unreviewed

Id: 1/1