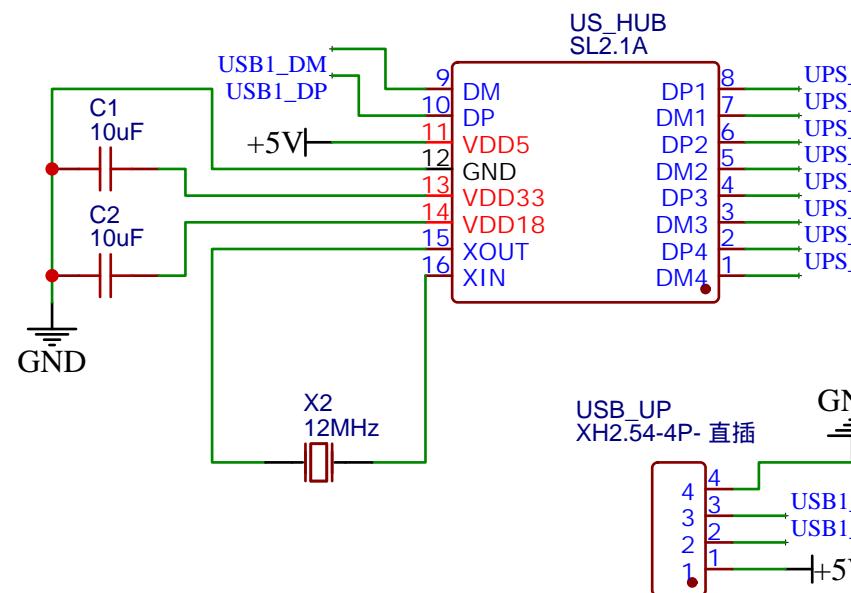
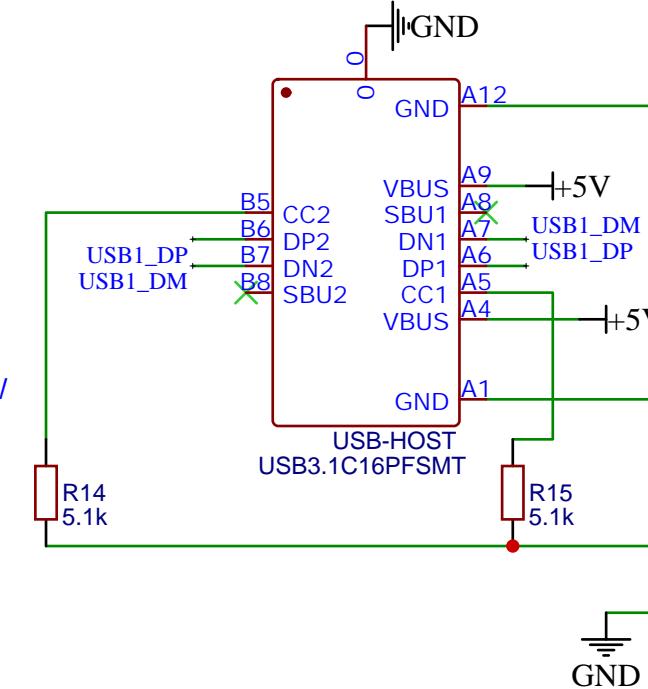


### Upstream USB Port

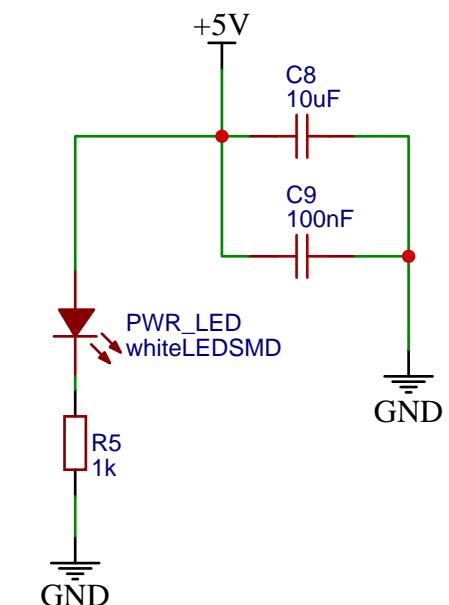
The port connecting to the KVM control SBC (e.g. Orange Pi)



To CH552G  
To USB HDMI Captuer  
To CH340C & CH9329  
To USB Mass Storage SW

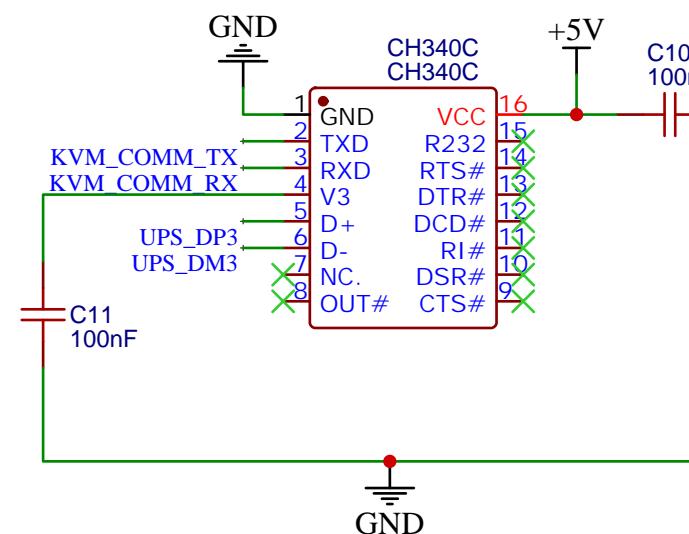


### Power Ripple Filter

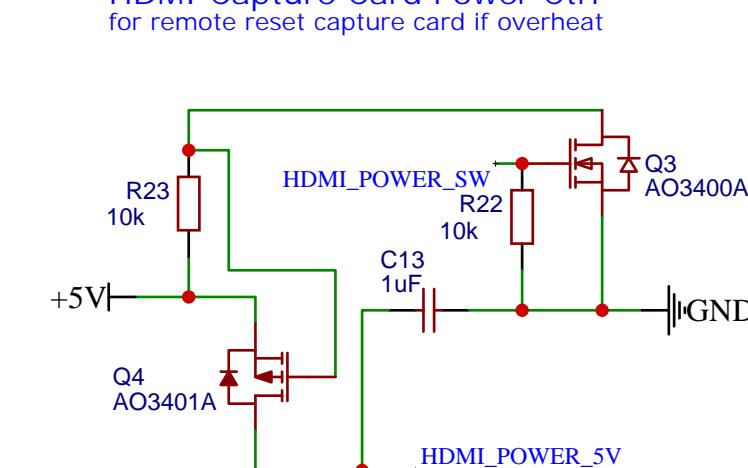


### USB to UART

for KVM SBC sending ctrl-signal to KVM



### HDMI Capture Card Power Ctrl



TITLE:

KVM Hub

REV: 1.0



Company: RemdesKVM

Sheet: 1/1

Date: 2025-02-18 Drawn By: tobuchui

1

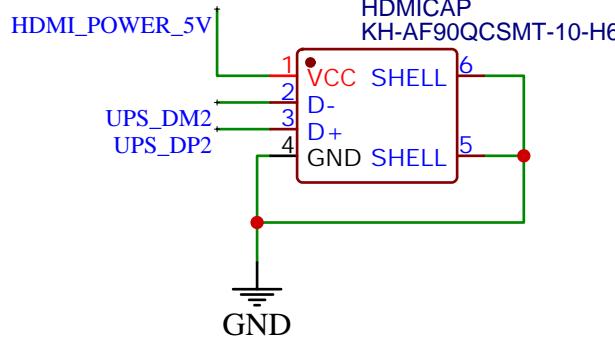
2

3

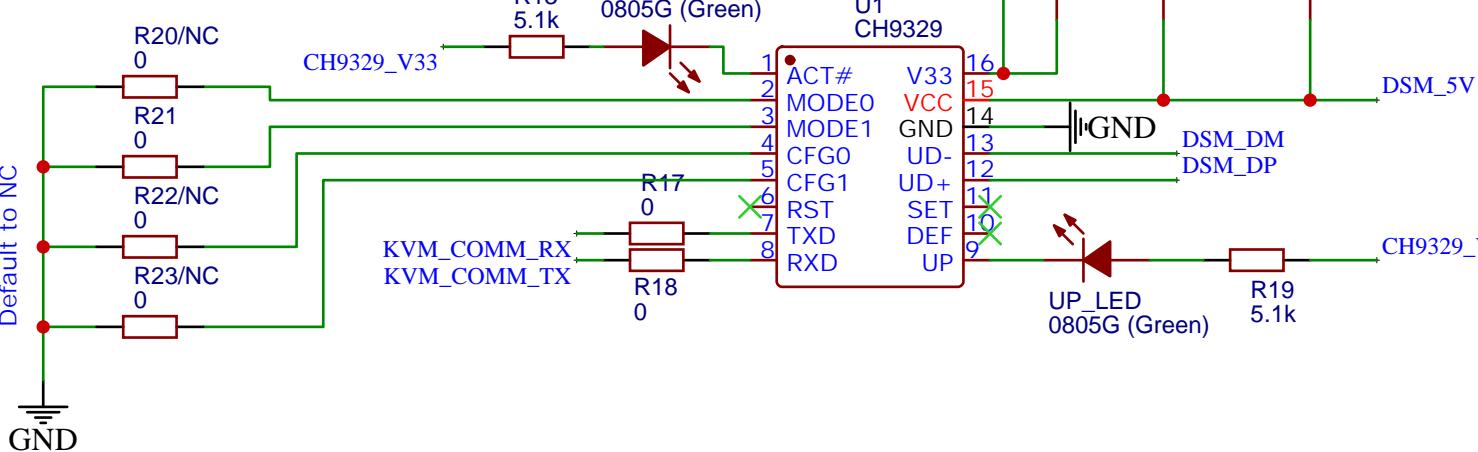
4

5

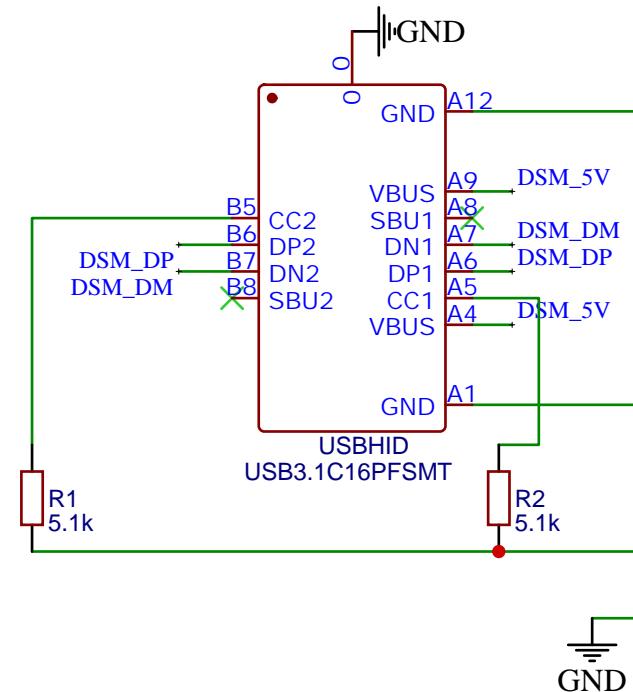
**USB HDMI Capture Card**  
Connect MS2109 USB Capture Device



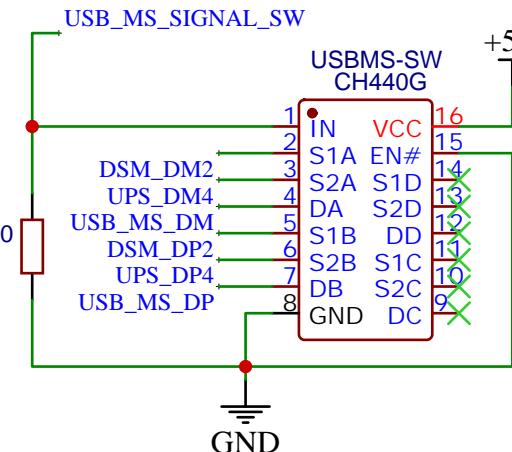
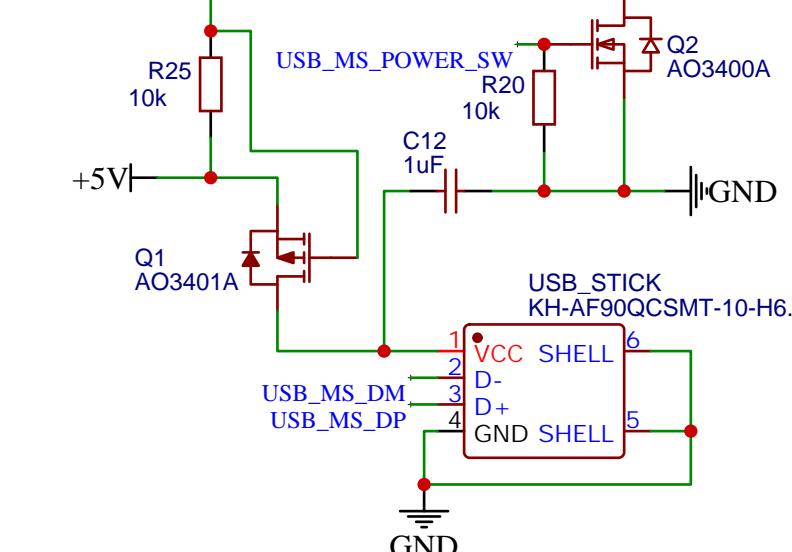
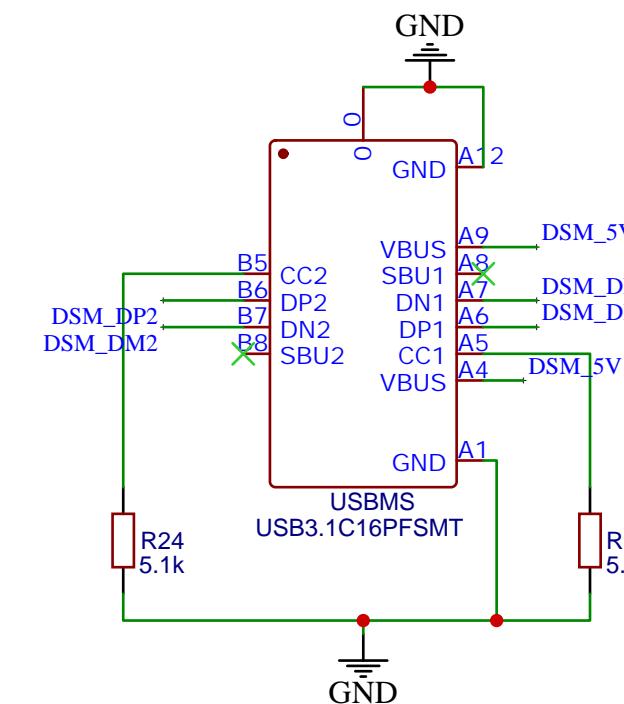
Mode Set Resistors  
Default to NC



**Guest USB Port (HID)**  
USB device mode for guest system (e.g. PC)



**Guest USB Port (Mass Storage)**  
USB storage device



TITLE:

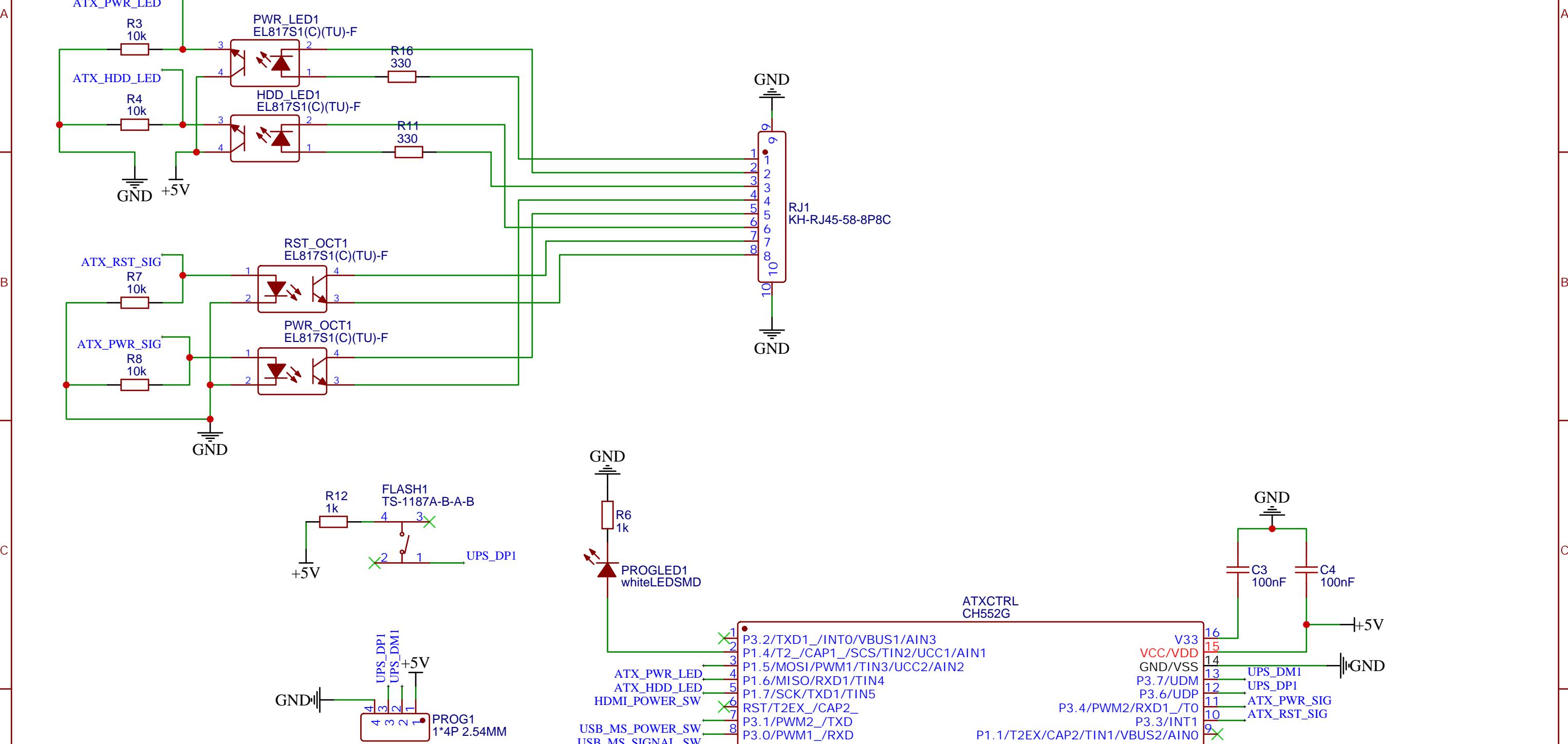
Guest Side

REV: 1.0

## ATX Power Control

Notes: ATX\_PWR\_LED and ATX\_HDD\_LED default to LOW, active HIGH

\*This design should be compatible with PiKVM ATX Board Pinsout (Not Tested)\*



TITLE: ATX Rev2		REV: 1.0
	Company: imuslab	Sheet: 1/1
	Date: 2025-04-20	Drawn By: tobuchui