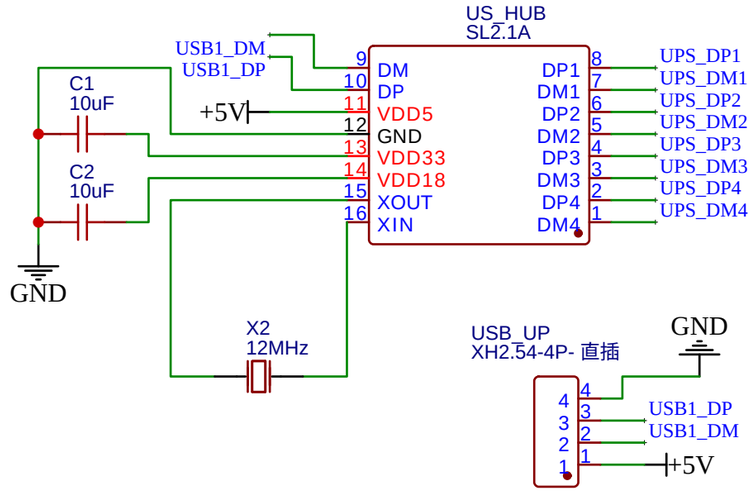
Upstream USB Port

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

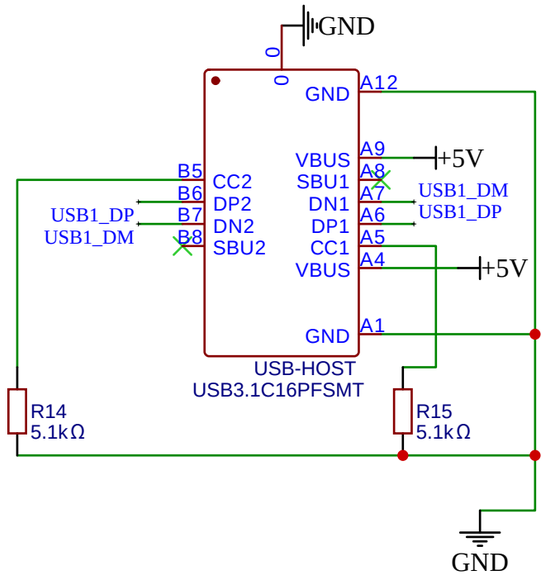


To CH552G

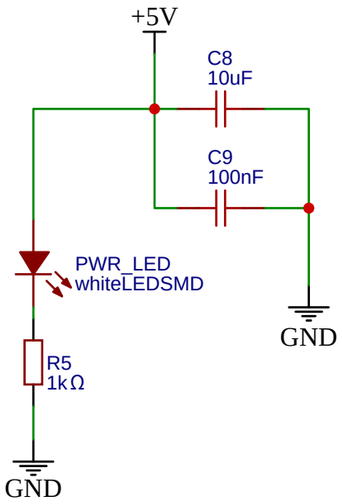
To USB HDMI Captuer

To CH340C & CH9329

To USB Mass Storage SW

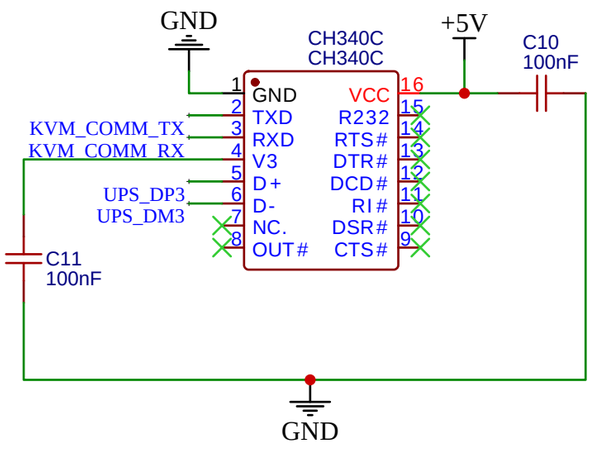


Power Ripple Filter



USB to UART

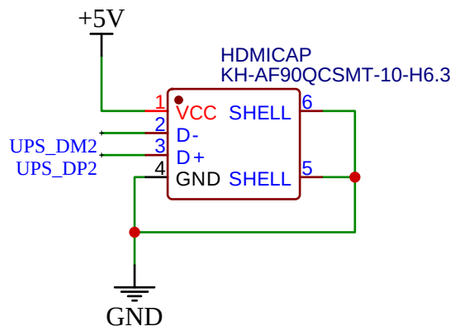
for KVM SBC sending ctrl-signal to KVM

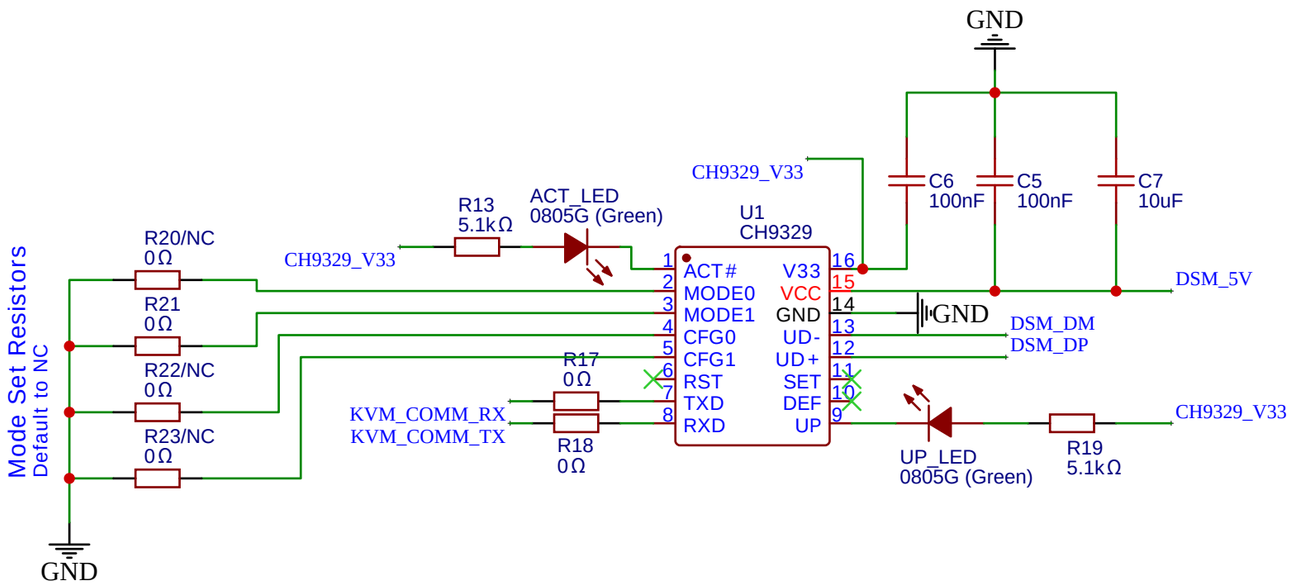


TITLE: KVM Hub		REV: 1.0
EasyEDA	Company: RemdesKVM	Sheet: 1/1
	Date: 2025-02-18 Drawn By: tobychui	

USB HDMI Capture Card

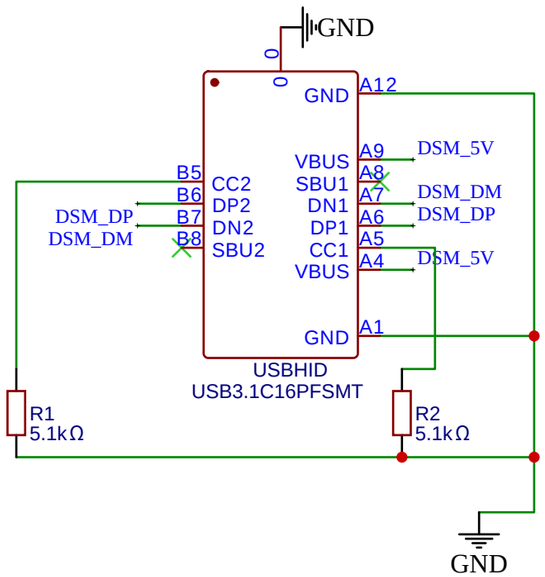
Connect MS2109 USB Capture Device





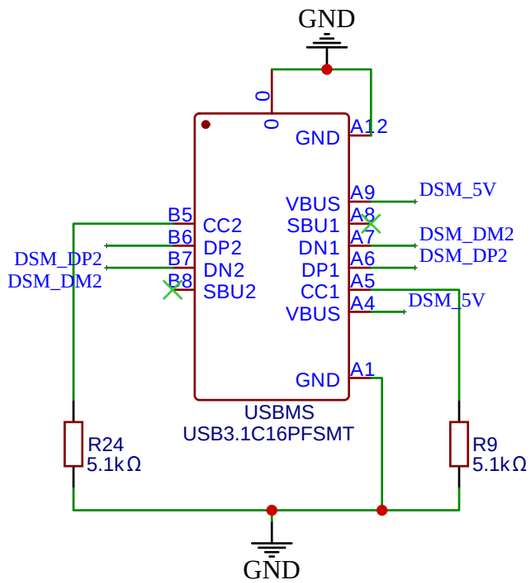
Guest USB Port (HID)

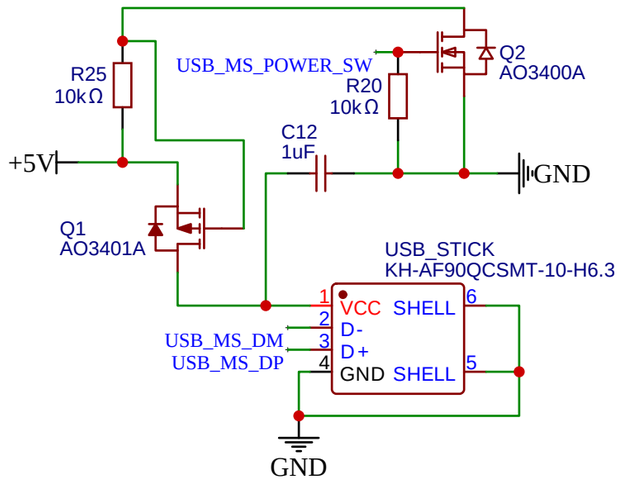
USB device mode for guest system (e.g. PC)

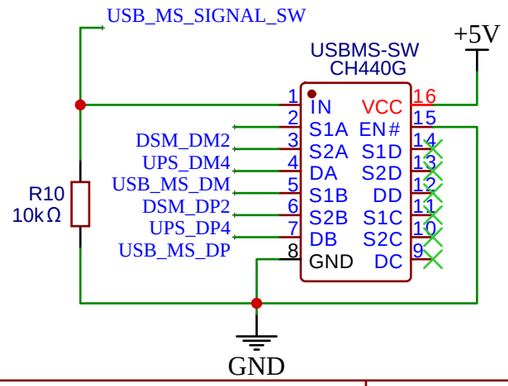


Guest USB Port (Mass Storage)

USB storage device





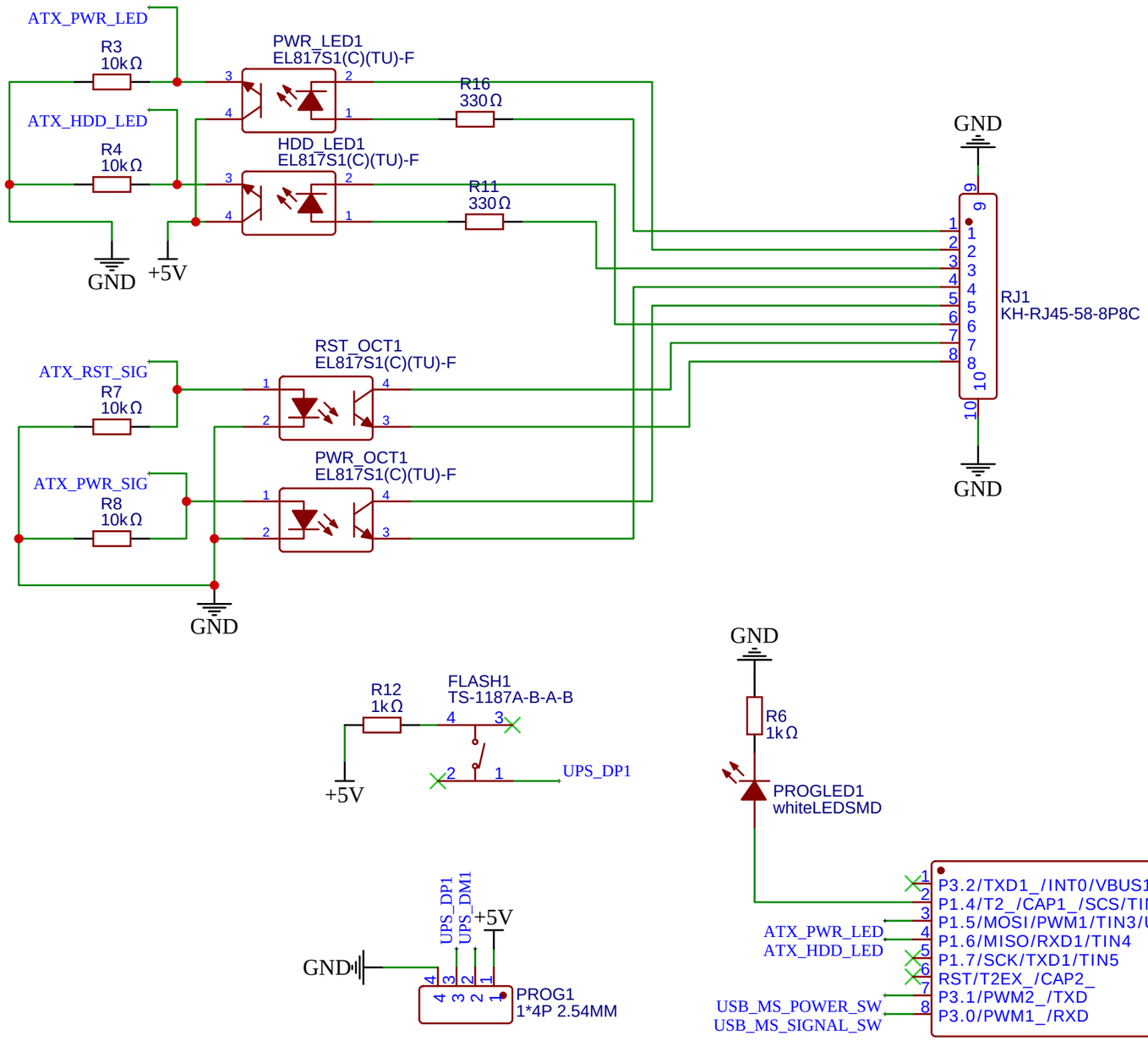


TITLE: Guest Side	REV: 1.0
EasyEDA Company: imuslab	Sheet: 1/1
Date: 2025-02-20 Drawn By: tobychui	

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
EasyEDA	Company: imuslab	Sheet: 1/1
	Date: 2025-04-20 Drawn By: tobychui	