

1

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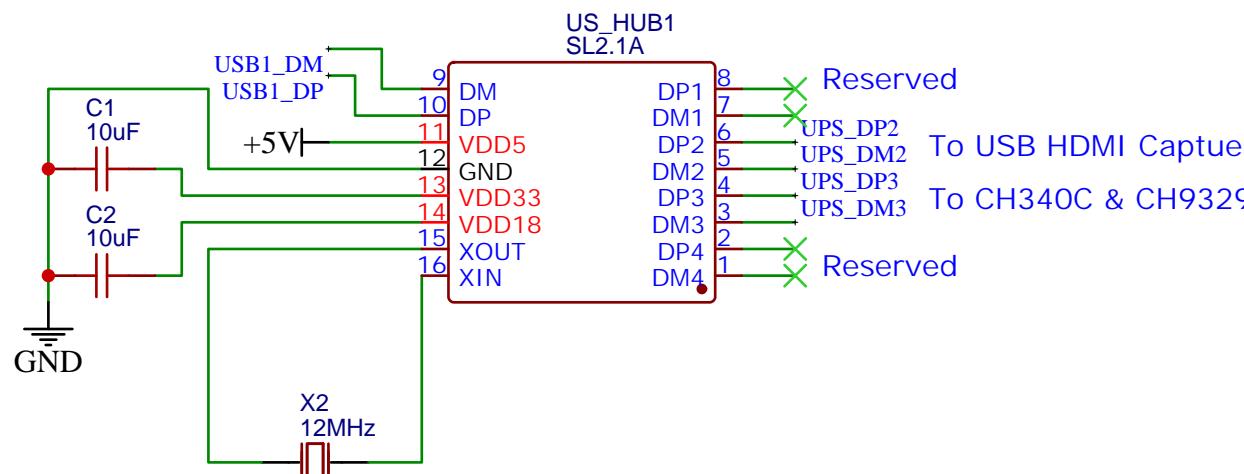
3

4

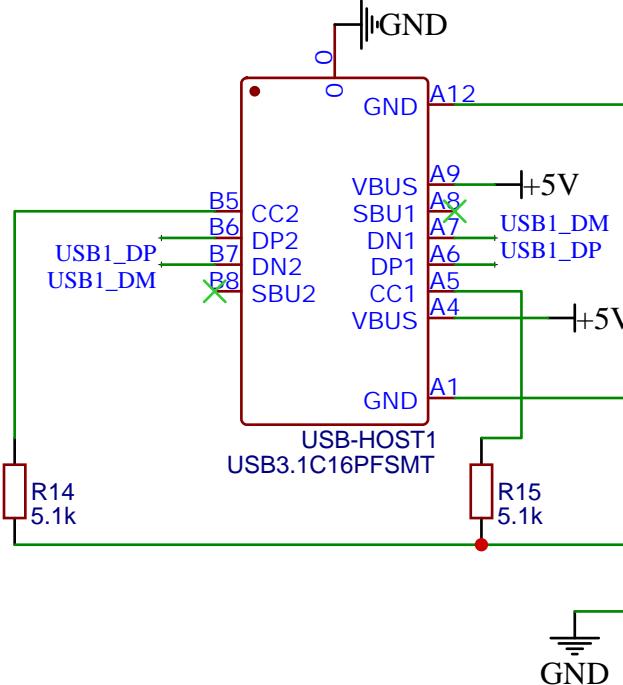
5

Upstream USB Port

The port connecting to the user PC (e.g. Laptop)

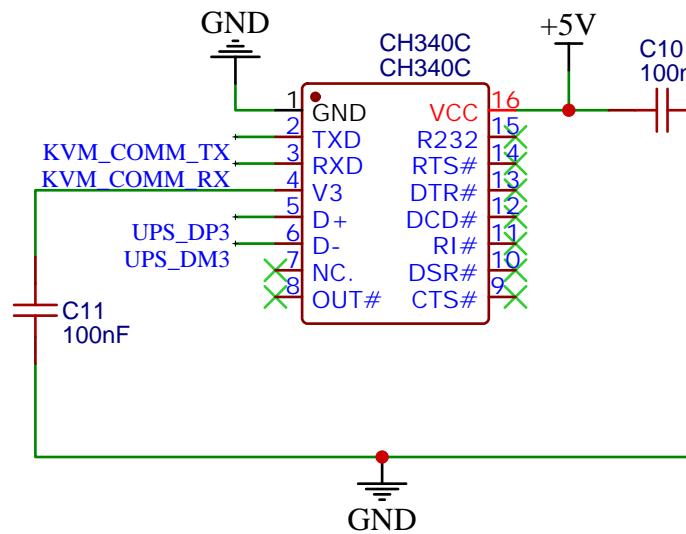


Power Ripple Filter



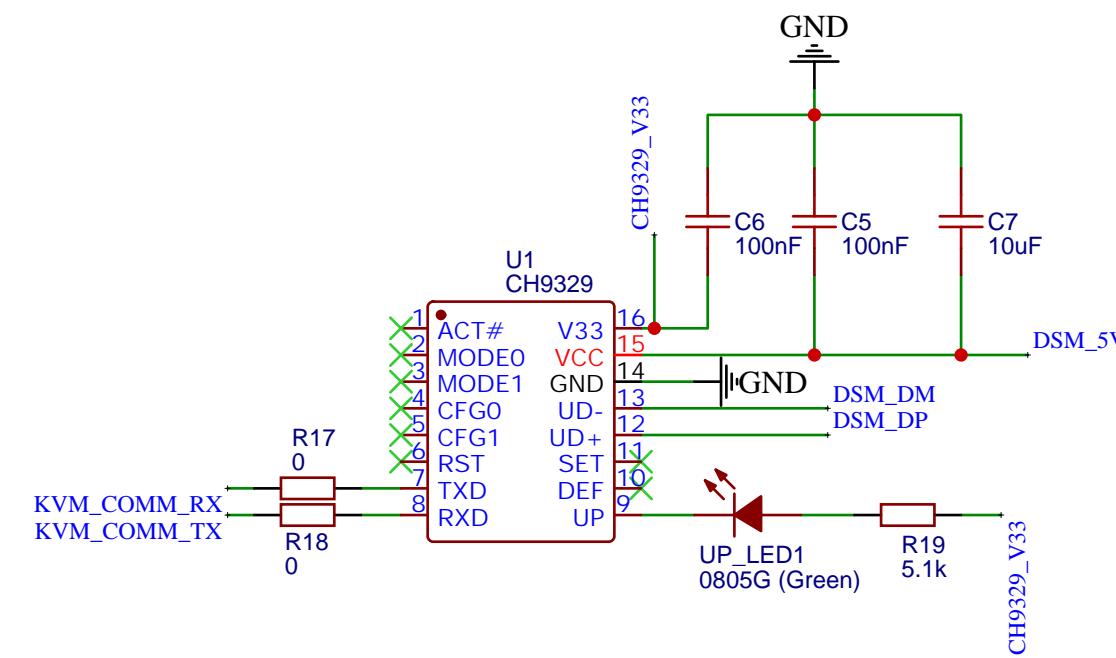
USB to UART

for KVM SBC sending ctrl-signal to KVM



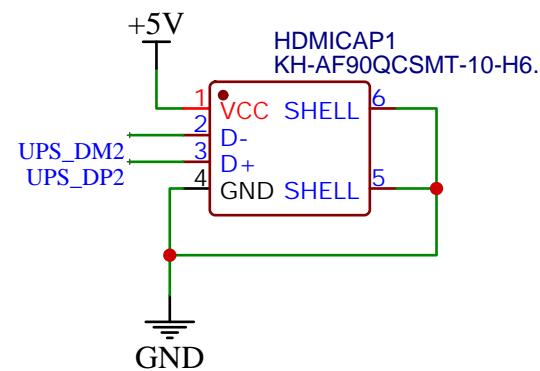
Guest USB HID Emulator

Convert bytecode to HID payload



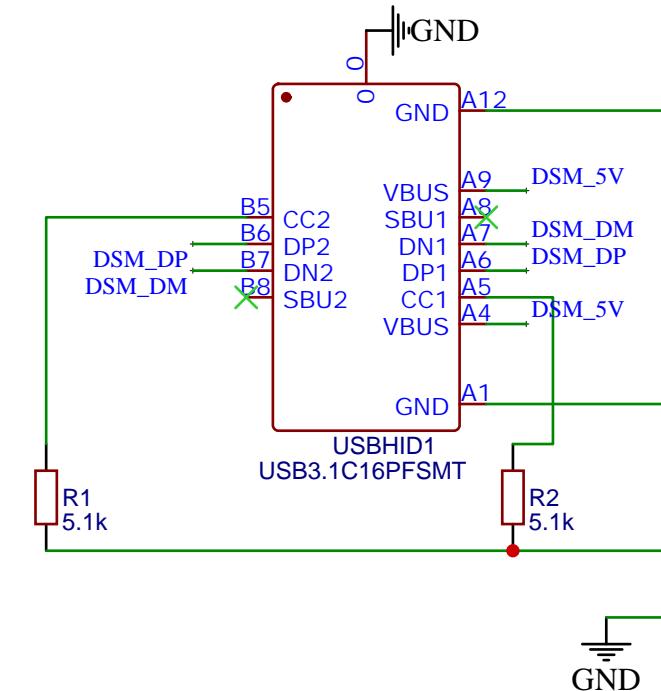
USB HDMI Capture Card

Connect MS2109 USB Capture Device



Guest USB Port (HID)

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



TITLE:

USBKVM

REV: 1.0



Company: imuslab

Sheet: 1/1

Date: 2025-12-01

Drawn By: tobuchui