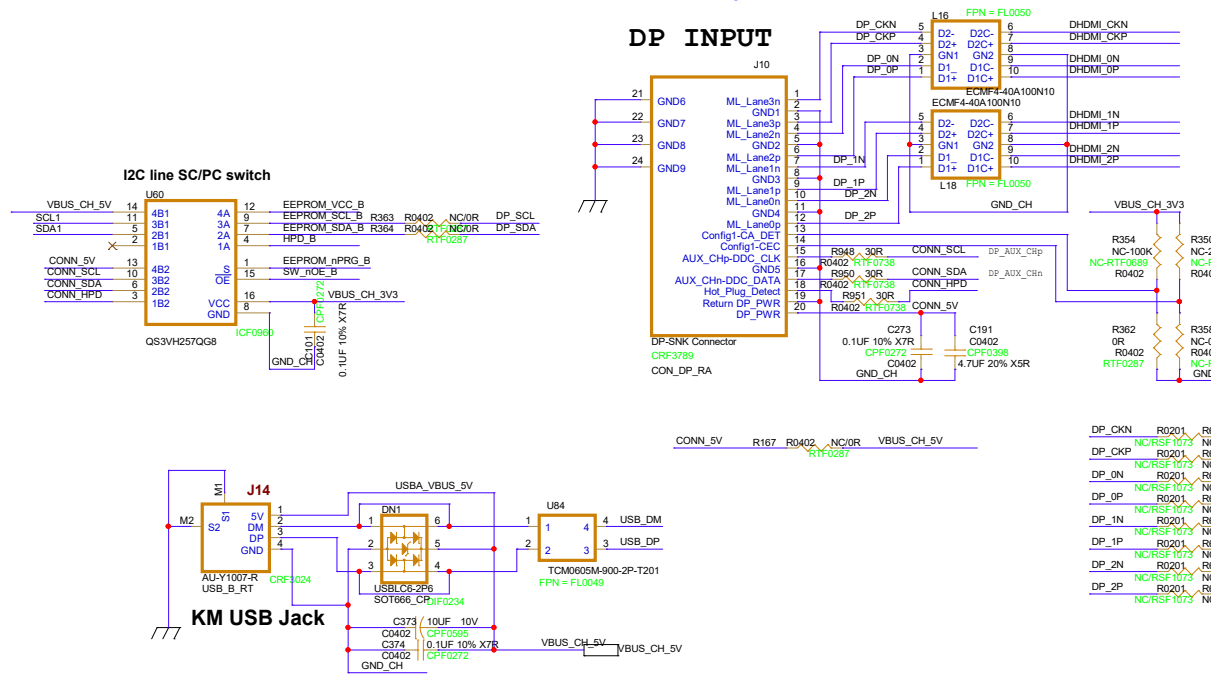
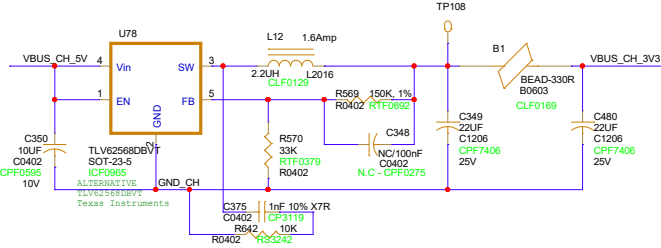


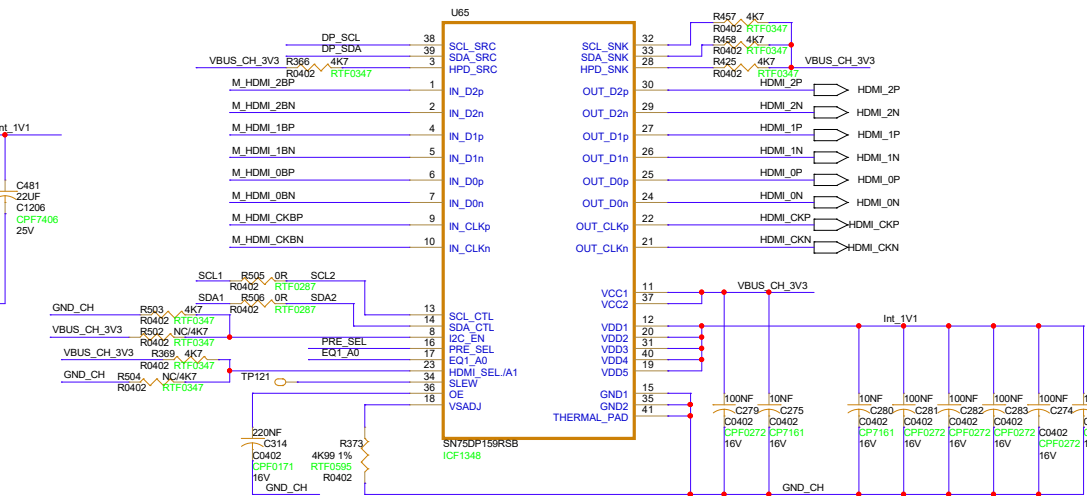
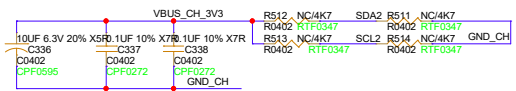
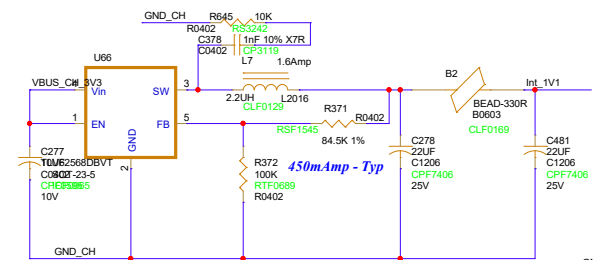
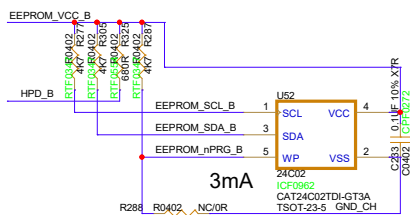
Video Input Channel A



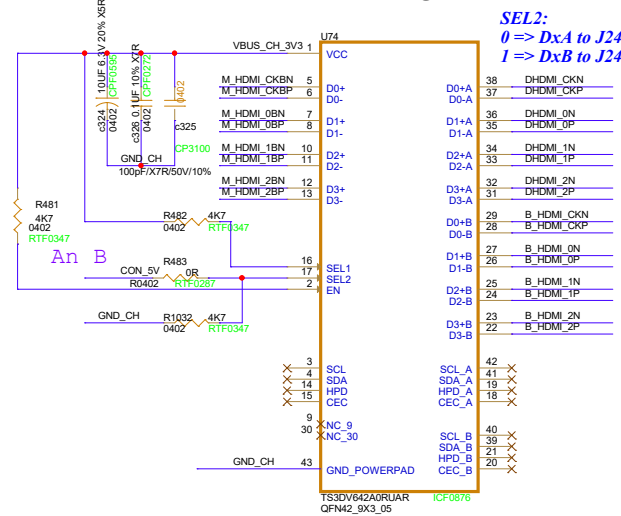
5V to 3.3V LDO



DDC EEPROM



2:1 DVI/HDMI SWITCH

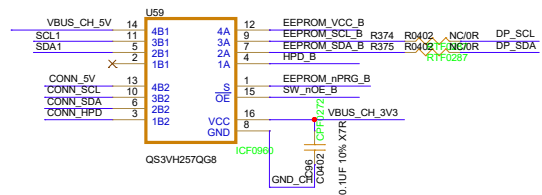


Project	OPTICAL DIODE KVM		
Schematic	Unified Microcontroller		
Size	Author	Naftali Sabag	Rev A0
Date:	Tuesday, February 11, 2025		

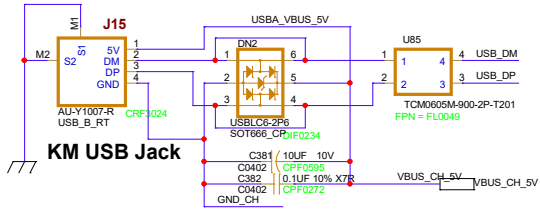
Video Input Channel A

DP INPUT

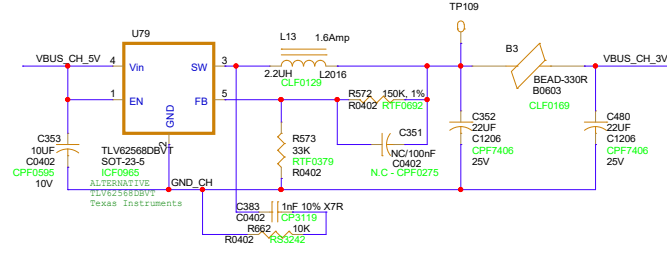
I2C line SC/PC switch



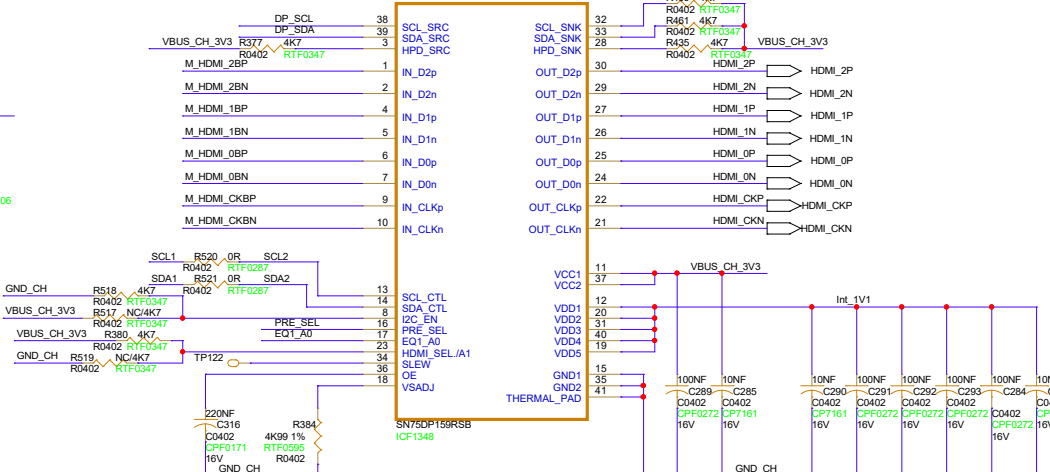
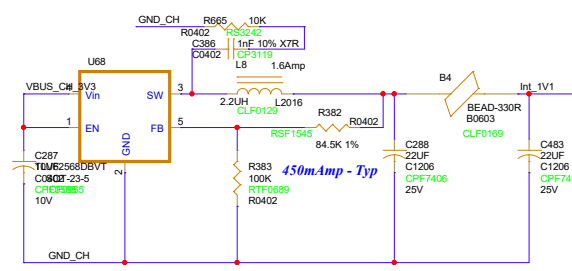
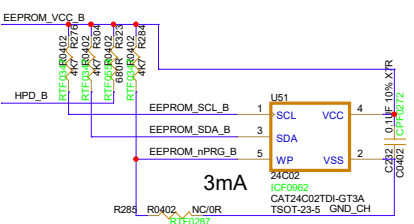
KM USB Jack



5V to 3.3V LDO

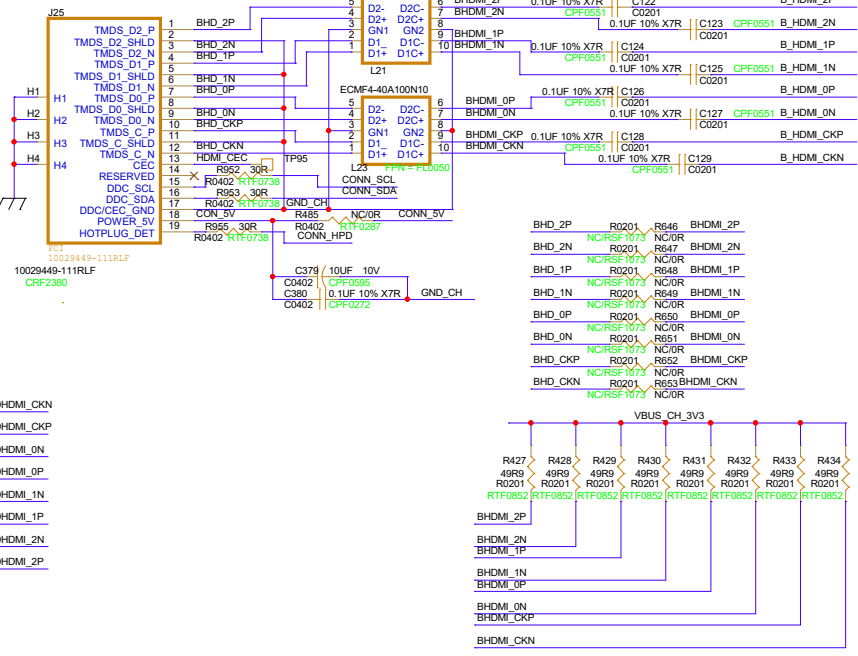


DDC EEPROM

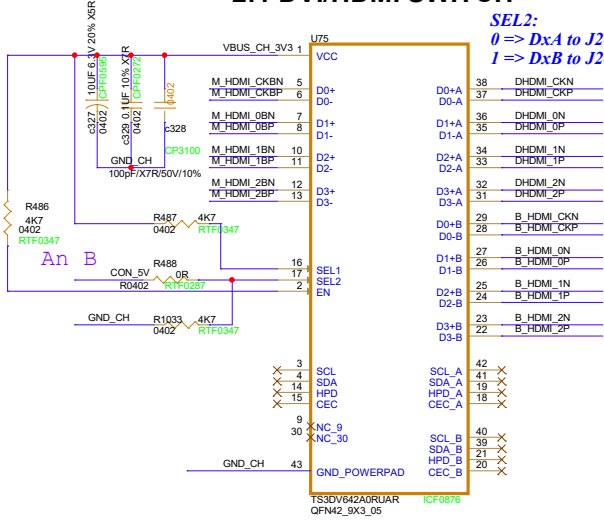


Video Input Channel B

HDMI1 INPUT

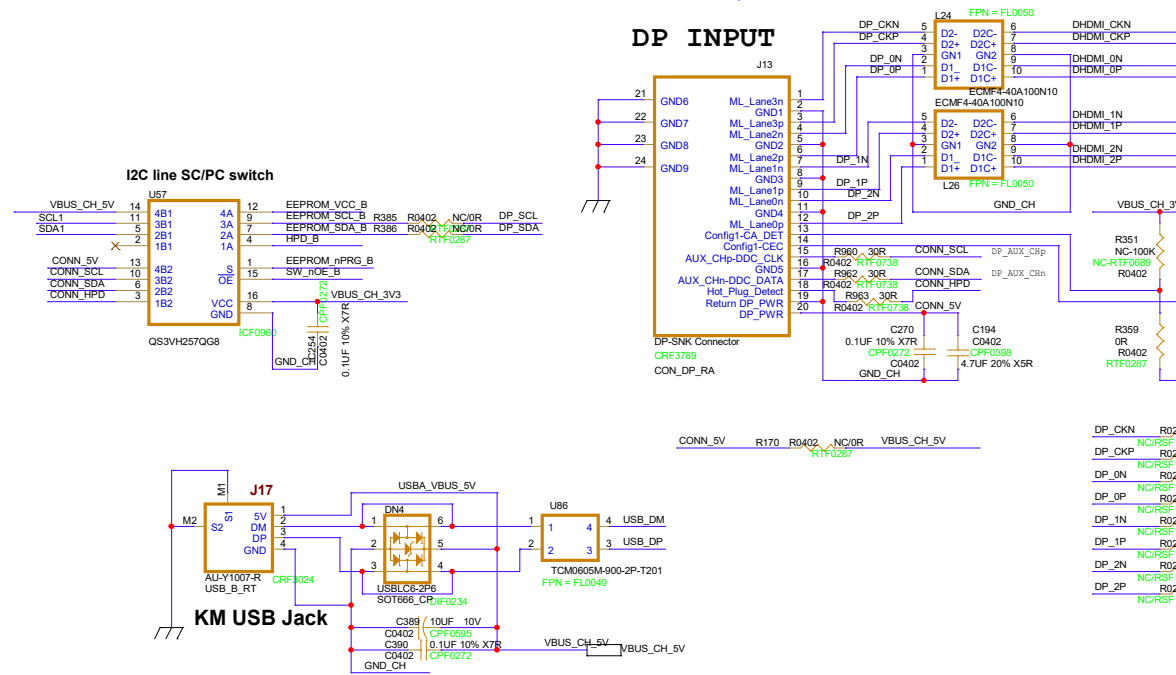


2:1 DVI/HDMI SWITCH

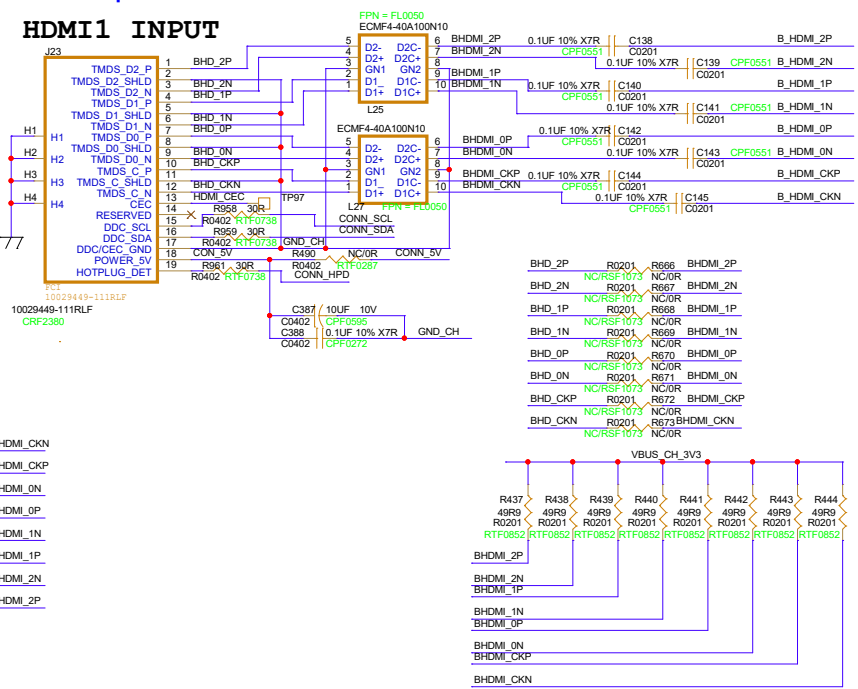


Project				OPTICAL DIODE KVM			
Schematic				Unified Microcontroller			
Size				PCB Part Number PCBF0187 REVA & PCBF0179 REVA			
Author				Naftali Sabag			
Rev				A0			
Date:				Tuesday, February 11, 2025			

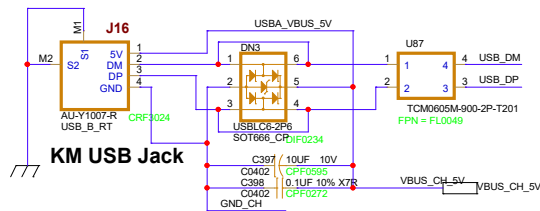
Video Input Channel A



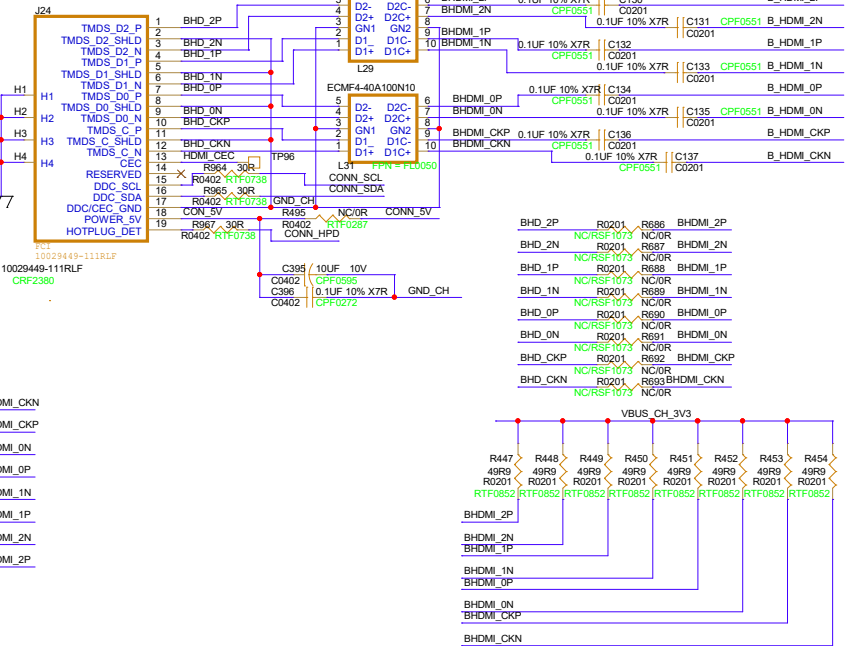
Video Input Channel B



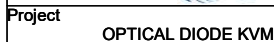
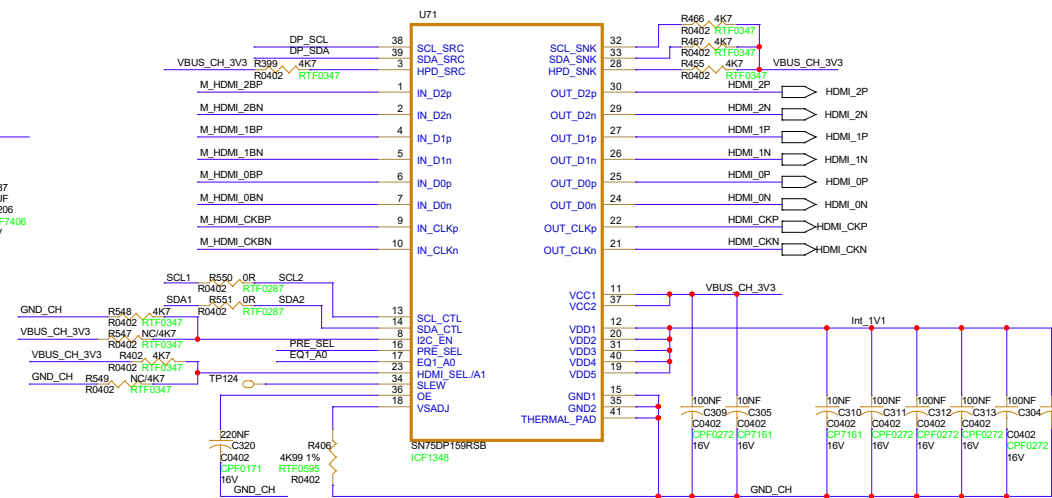
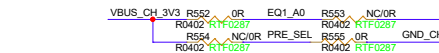
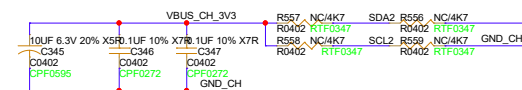
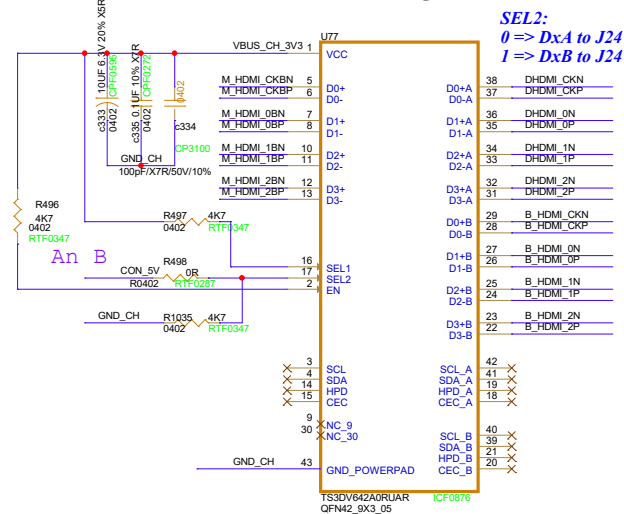
DP INPUT

[illegible][illegible]

HDMI1 INPUT



SEL2:
 $0 \Rightarrow DxA \text{ to } J24$
 $1 \Rightarrow DxB \text{ to } J24$



Schematic

Unified Microcontroller

PCB Part Number PCBF0187 REVA & PCBF0179 REVA

Size	Author
A3	Naftali Sabag

Date: **Tuesday, February 11, 2025** Sheet **6** of **10**

