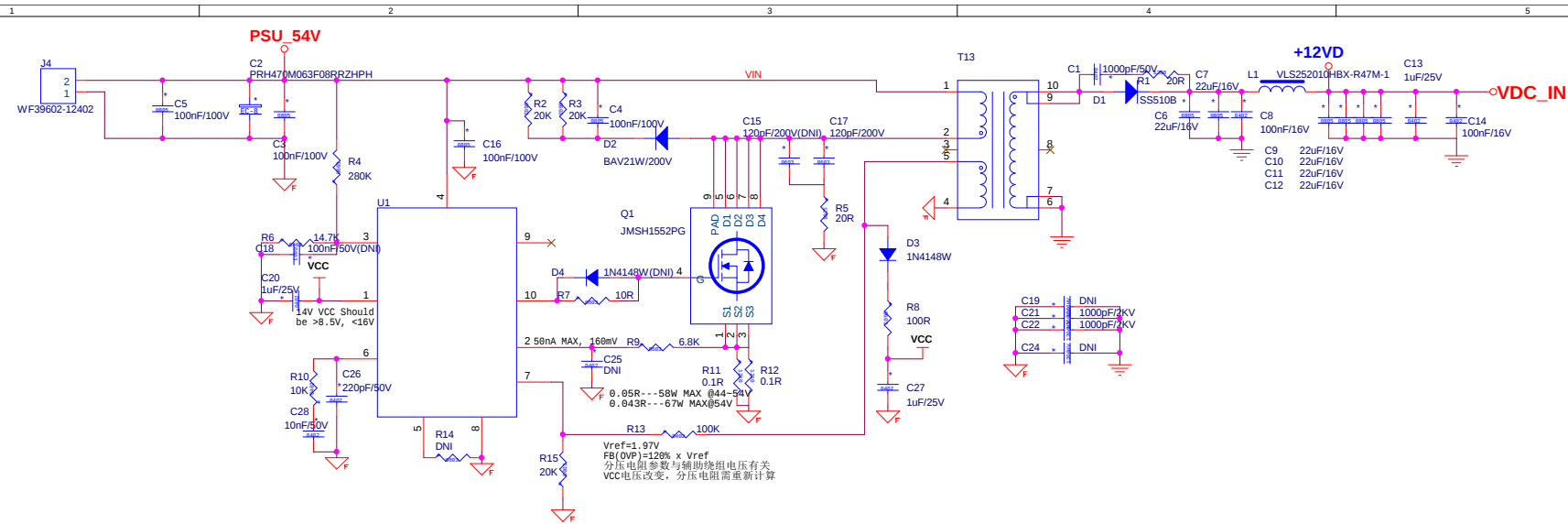
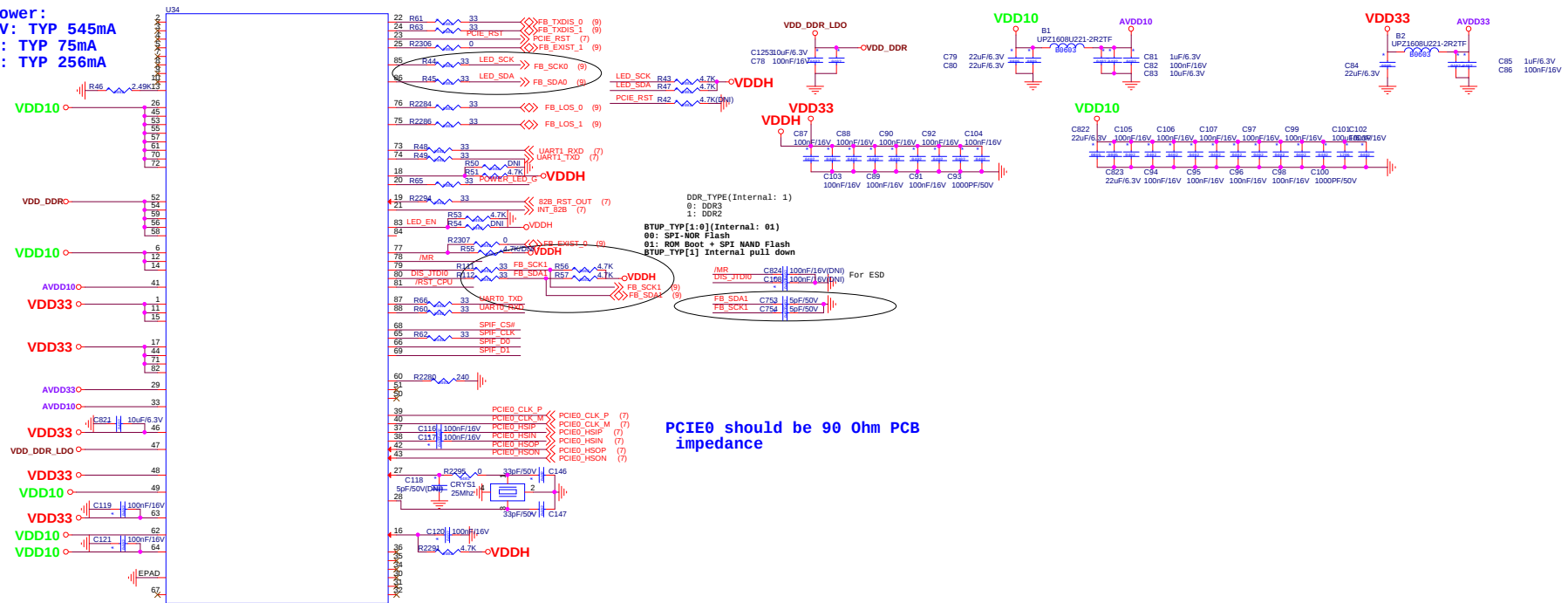


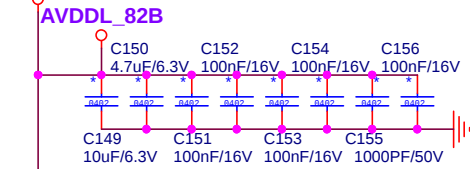
 秘密 SECRET	PRODUCT: GWN7801P Pro		
	BOARD: POWER		
Size A3	DWG NO	<PCB PART NUMBER>	Rev 1.1A
Designer: Hardware Group		Date: Thursday, June 05, 2025	Sheet 4 of 11

[illegible][illegible]

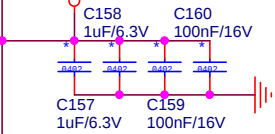
 秘密 SECRET		PRODUCT: GWN7801P Pro	
		BOARD: RTL8281S	
Size C		DWG NO <PCB PART NUMBER>	Rev 1.1A
Designer: Hardware Group		Date: Friday, June 27, 2025	Sheet 5 of 11

DVDDL + AVDDL --0.9V: TYP 1164mA
SVDDL --0.9V: TYP 649mA
VDDH--3.3V: TYP 633mA

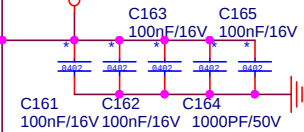
VDDL_82B



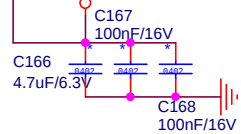
SVDDL_CK



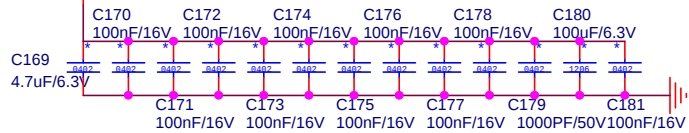
DVDDL_82B



SVDDL_82B



VDDH



AVDDL_82B

VDDL_82B

VDDL_82B

VDDH

SVDDL_82B

SVDDL_CK

U14A

D10, D12, D14, D16, D18, F18, T18, V10, V12, V14, V16, V18, M18, L5

E11, E13, E15, E17, U11, U13, U15, U17

M6

N5

V8, F4, H4

U9, D8, G5, J5

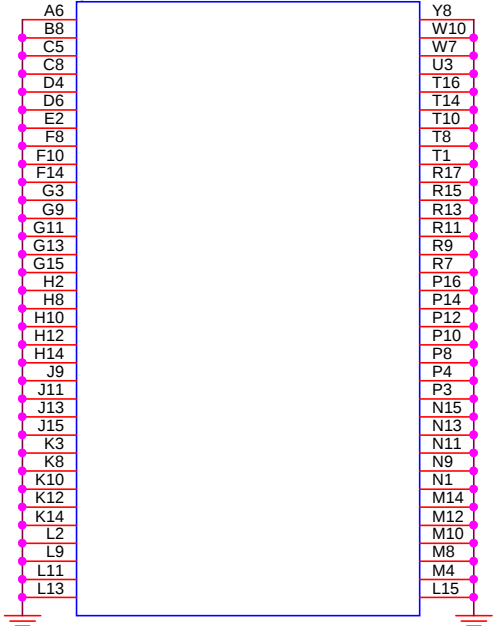
U7, E9, K6, H6

E7, F6, U5, G7, H16, J7, J17, K16, L7, L17, M16, N7, P6, R5, T6

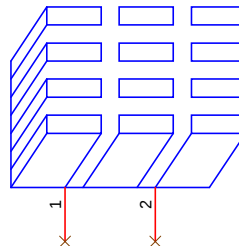
E5, T4, V4, P18, H18, K18

T12, F12, N17, B5, UPZ1608U221-2R2TF

U14B



HS3 231-00637-00



PRODUCT: GWN7801P Pro

BOARD: POWER_RTL8380BL

Size A4

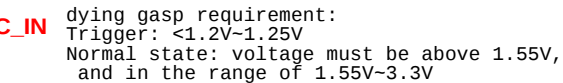
DWG NO <PCB PART NUMBER>

Rev 1.1A

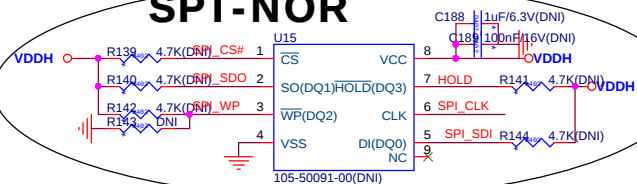
Designer: Hardware Group

Date: Thursday, June 05, 2025

Sheet 6 of 11



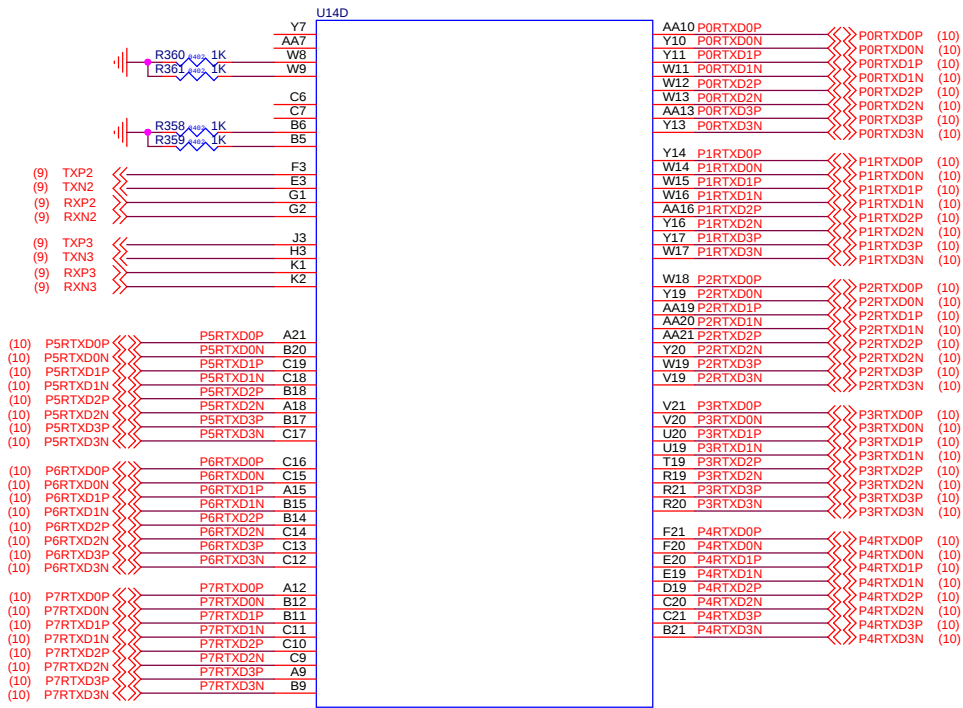
SPI-NOR



8Mbit SOP-8 NOR FLASH

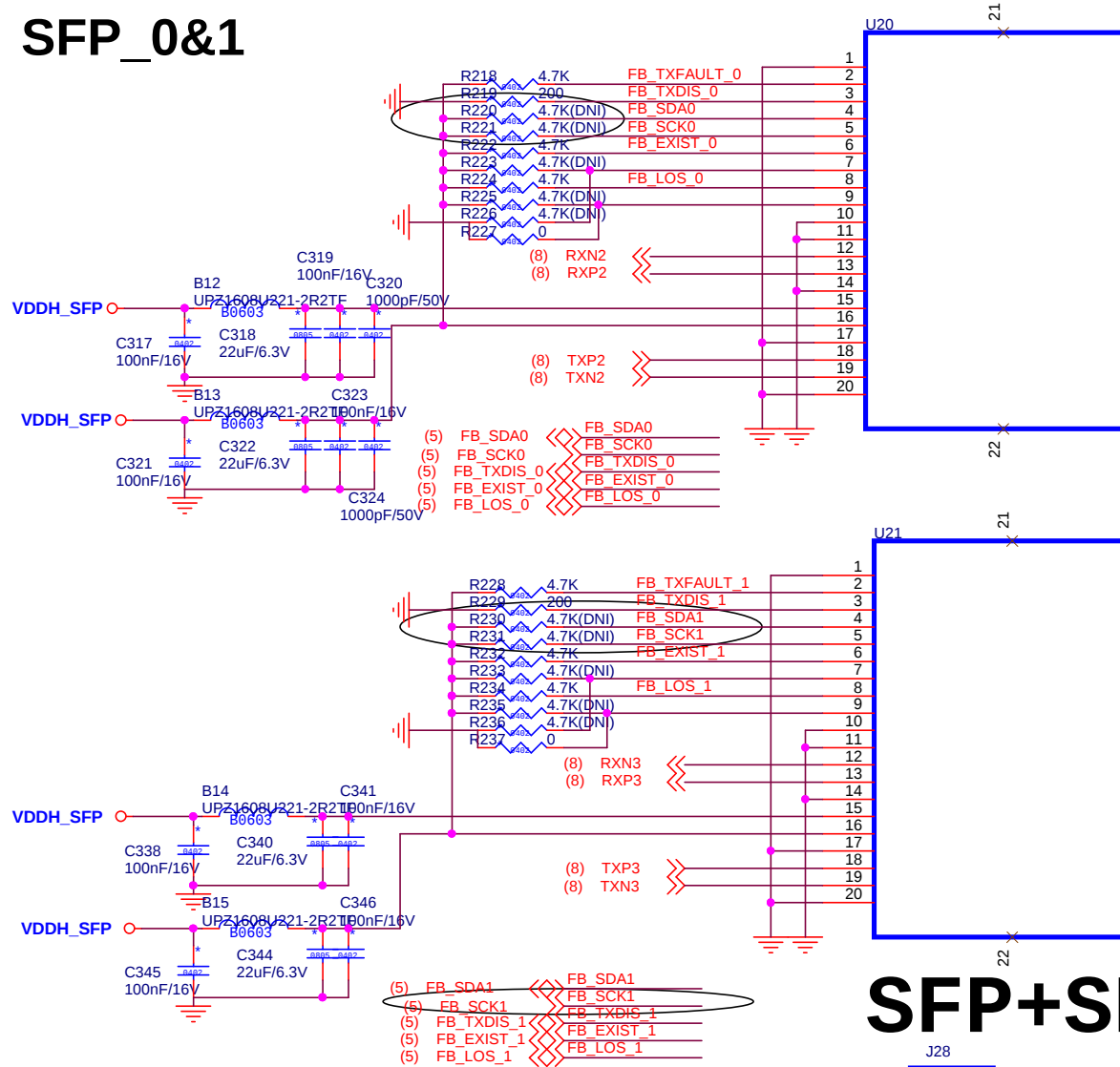
秘密 SECRET		PRODUCT: GWN7801P Pro		
		BOARD: SYS_RTL8380BL		
		Size B	DWG NO <PCB PART NUMBER>	Rev 1.1A
Designer: Hardware Group		Date: Thursday, June 05, 2025		Sheet 7 of 11

Serdes

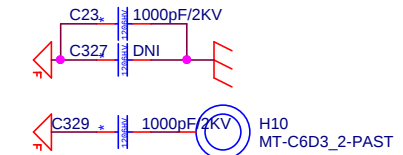
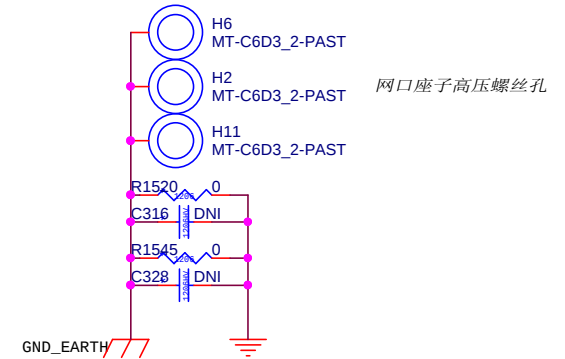
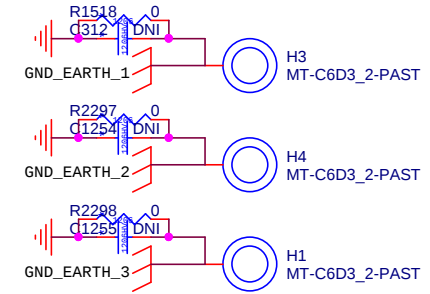
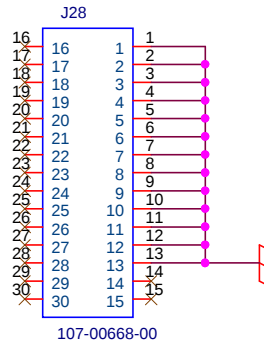


 秘密 SECRET	PRODUCT: GWN7801P Pro		
	BOARD: Serdes		
	Size B	DWG NO <PCB PART NUMBER>	Rev 1.1A
Designer: Hardware Group	Date: Thursday, June 05, 2025		Sheet 8 of 11

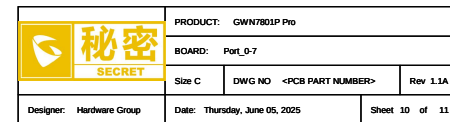
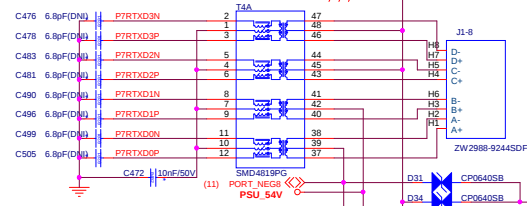
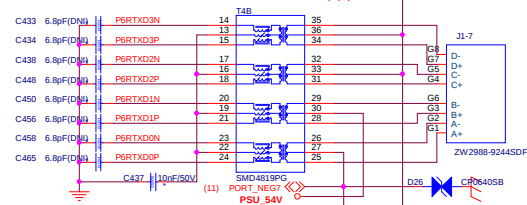
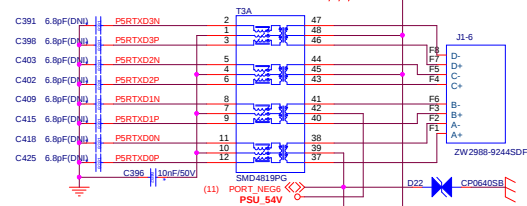
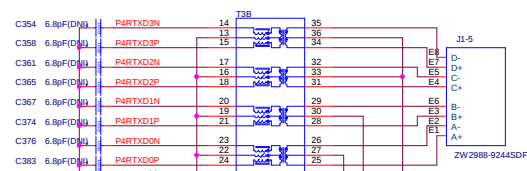
SFP_0&1



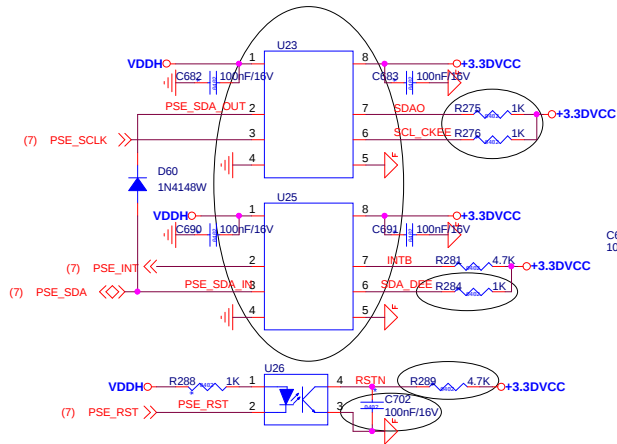
SFP+SHELL



 秘密 SECRET	PRODUCT: GWN7801P Pro		
	BOARD: SFP_Connect		
Size A4	DWG NO	<PCB PART NUMBER>	Rev 1.1A
Designer: Hardware Group	Date: Thursday, June 05, 2025		Sheet 9 of 11

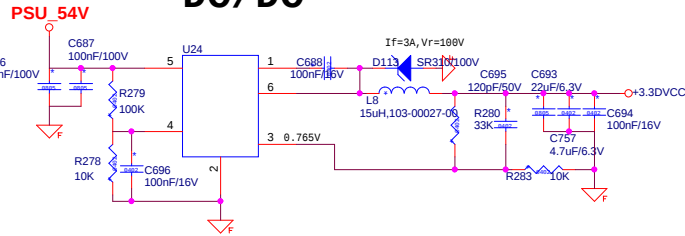


PSE_Connect

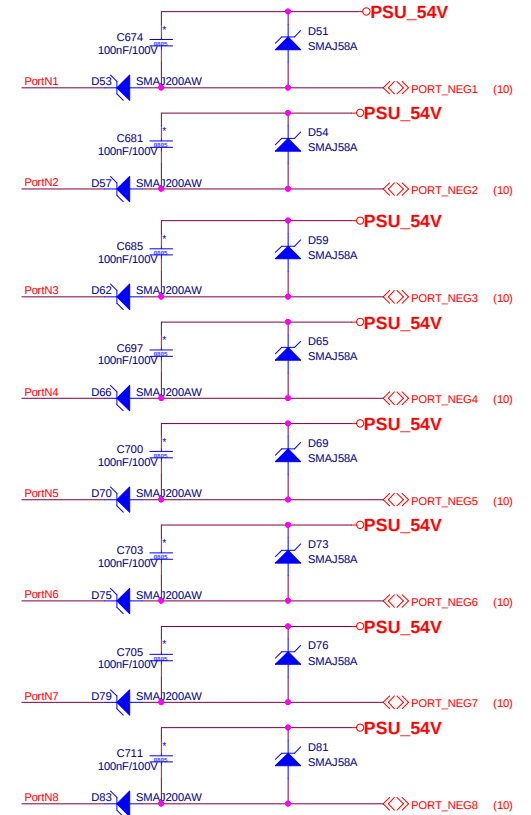
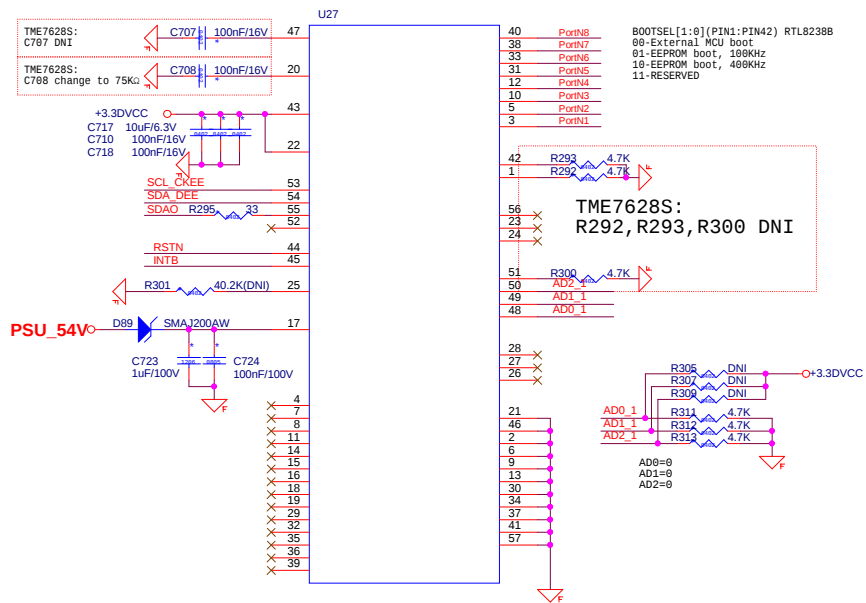


PSE_RST	C671.	33pF/50V(DNI)
PSE_SCLK	C672.	5pF/50V(DNI)
PSE_SDA	C673.	5pF/50V(DNI)
INTB	C677.	33pF/50V
SCL_CKEE	C676.	5pF/50V(DNI)
SDA_DEE	C679.	5pF/50V(DNI)
SDAO	C680.	5pF/50V(DNI)

DC/DC



RTL8238C
Port 1 - port 8



PRODUCT: GWN7801P Pro

BOARD: PSE

DWG NO	<PCB PART NUMBER>	Rev 1.1A
--------	-------------------	----------

Designer: Hardware Group

Date: Friday, July 04, 2025

Sheet 11 of 11