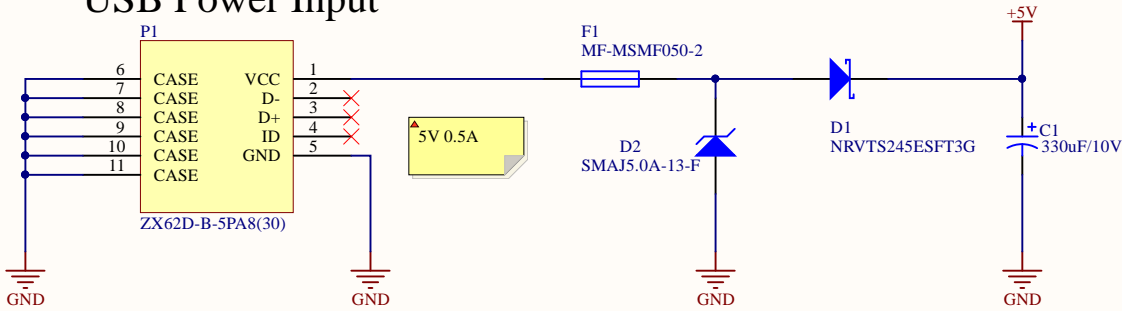
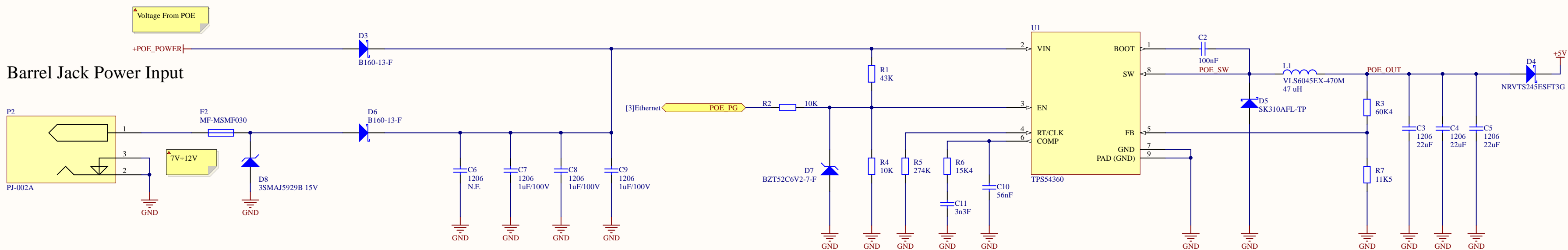


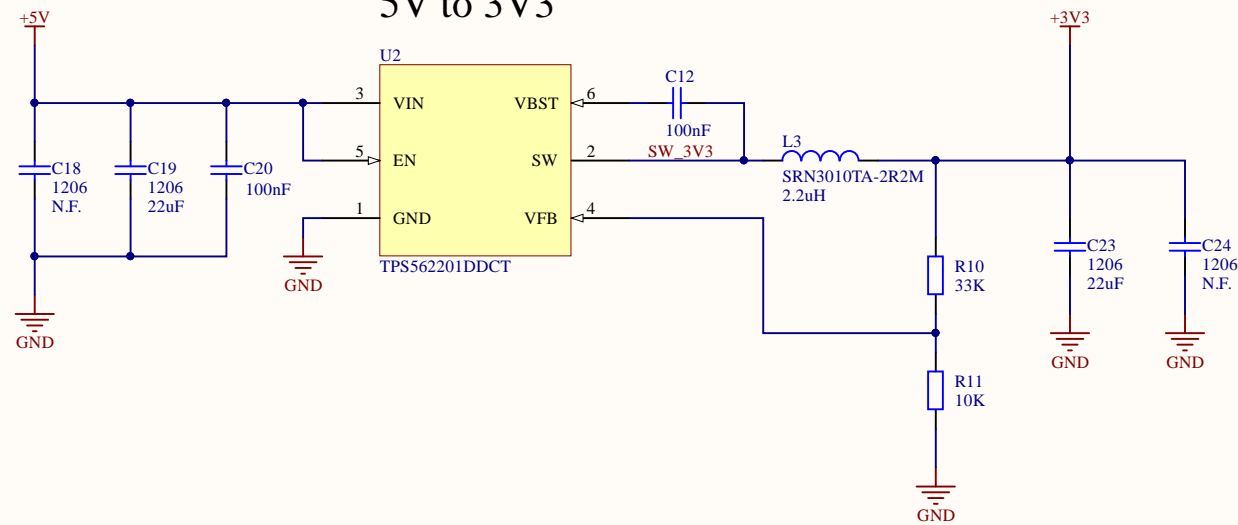
USB Power Input



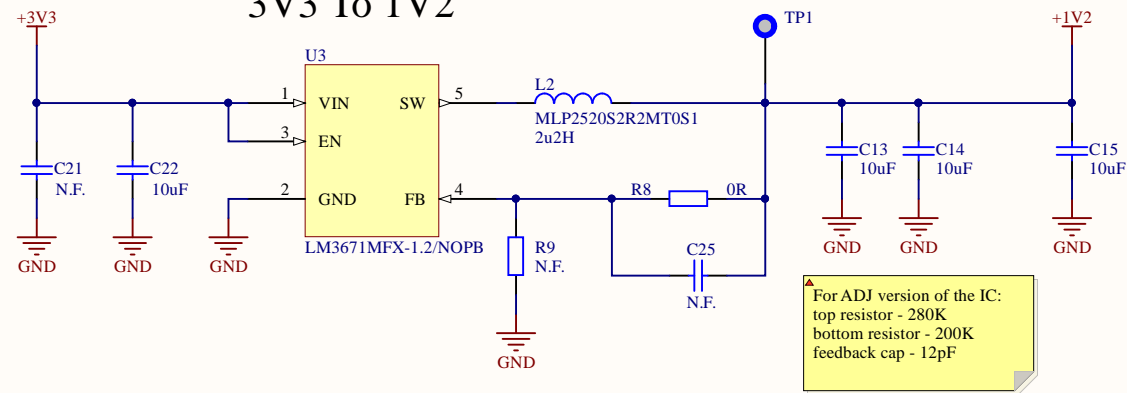
Barrel Jack Power Input



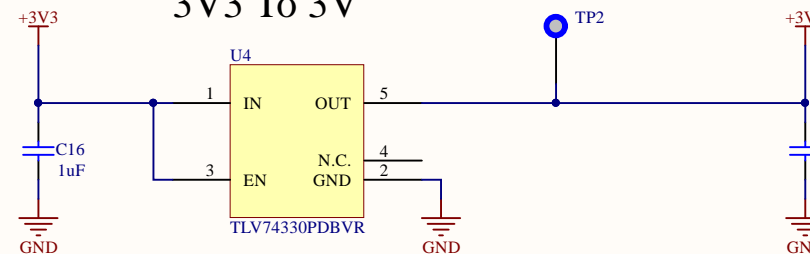
5V to 3V3



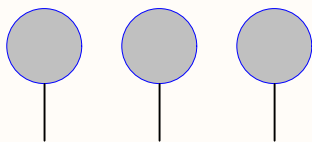
3V3 To 1V2



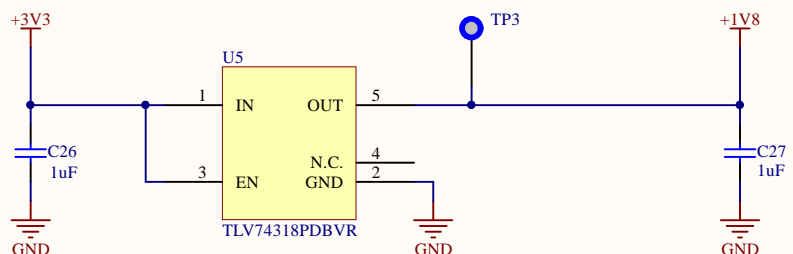
3V3 To 3V



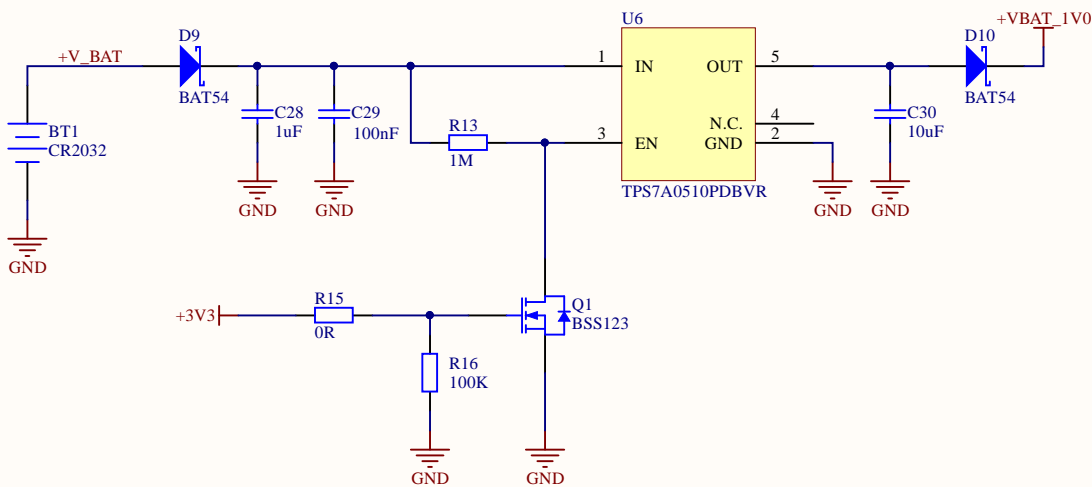
Camera Mounting Holes



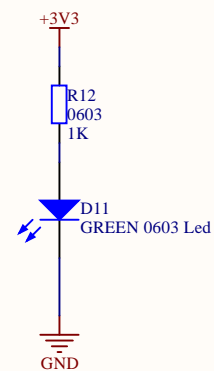
3V3 To 1V8



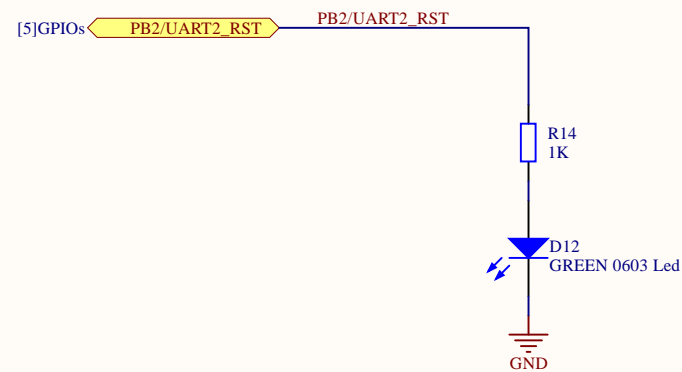
RTC LDO



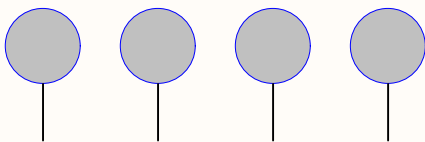
Power LED

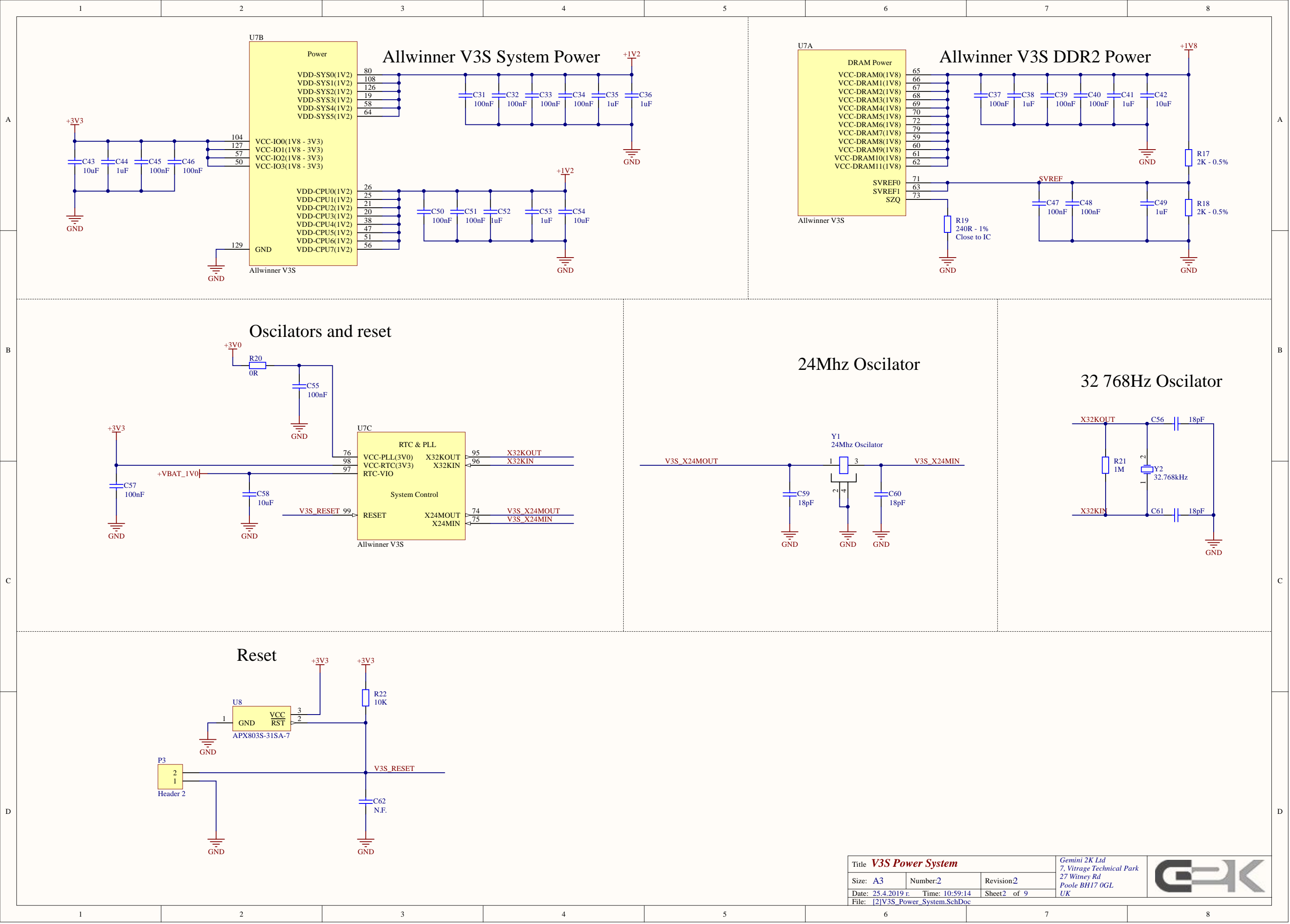


Activity LED



Board Mounting Holes

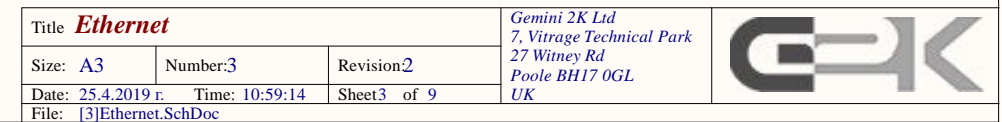


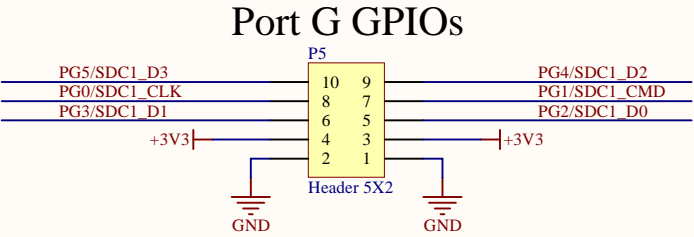
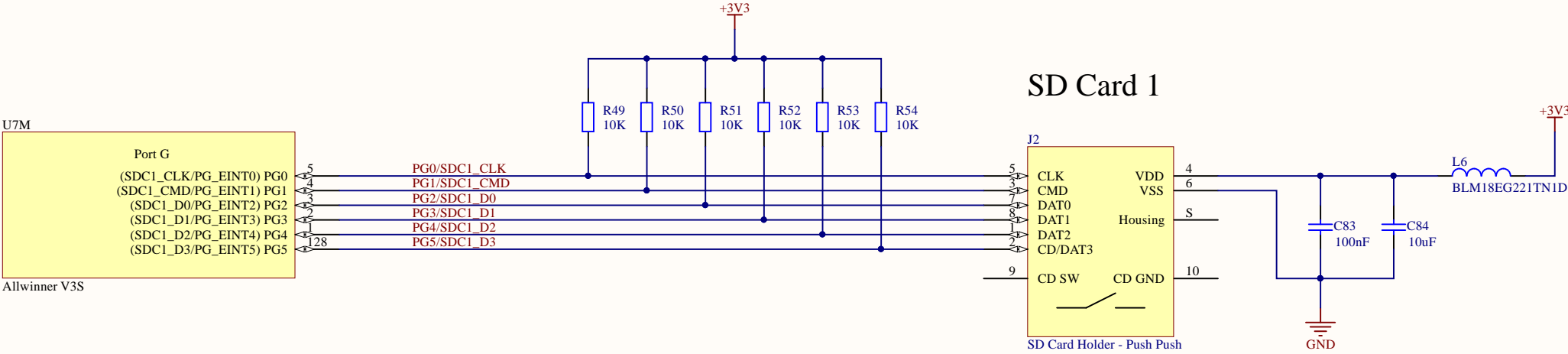
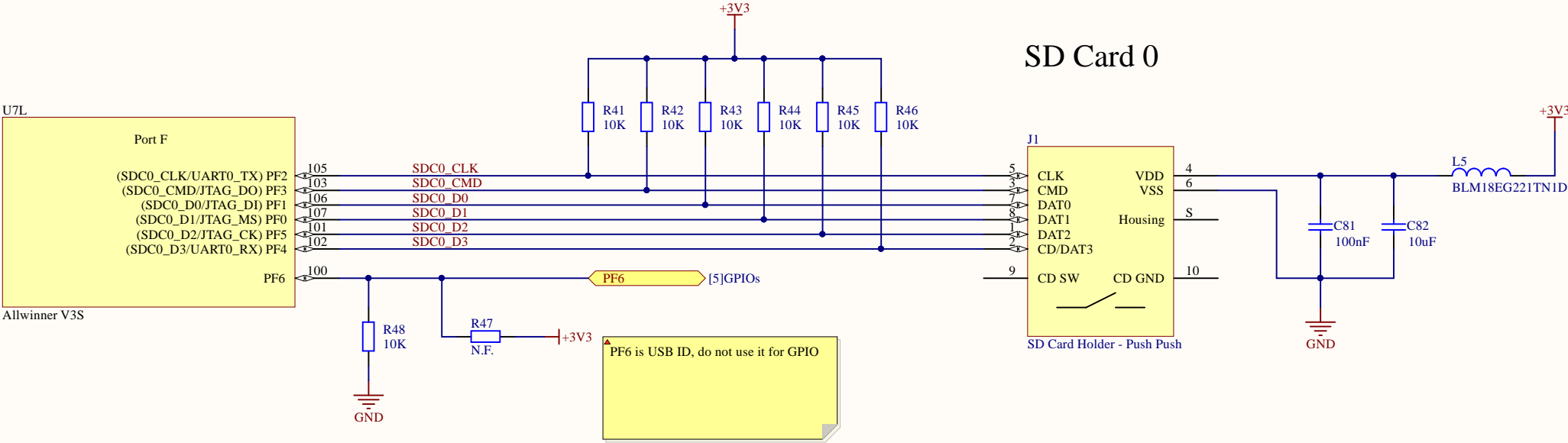


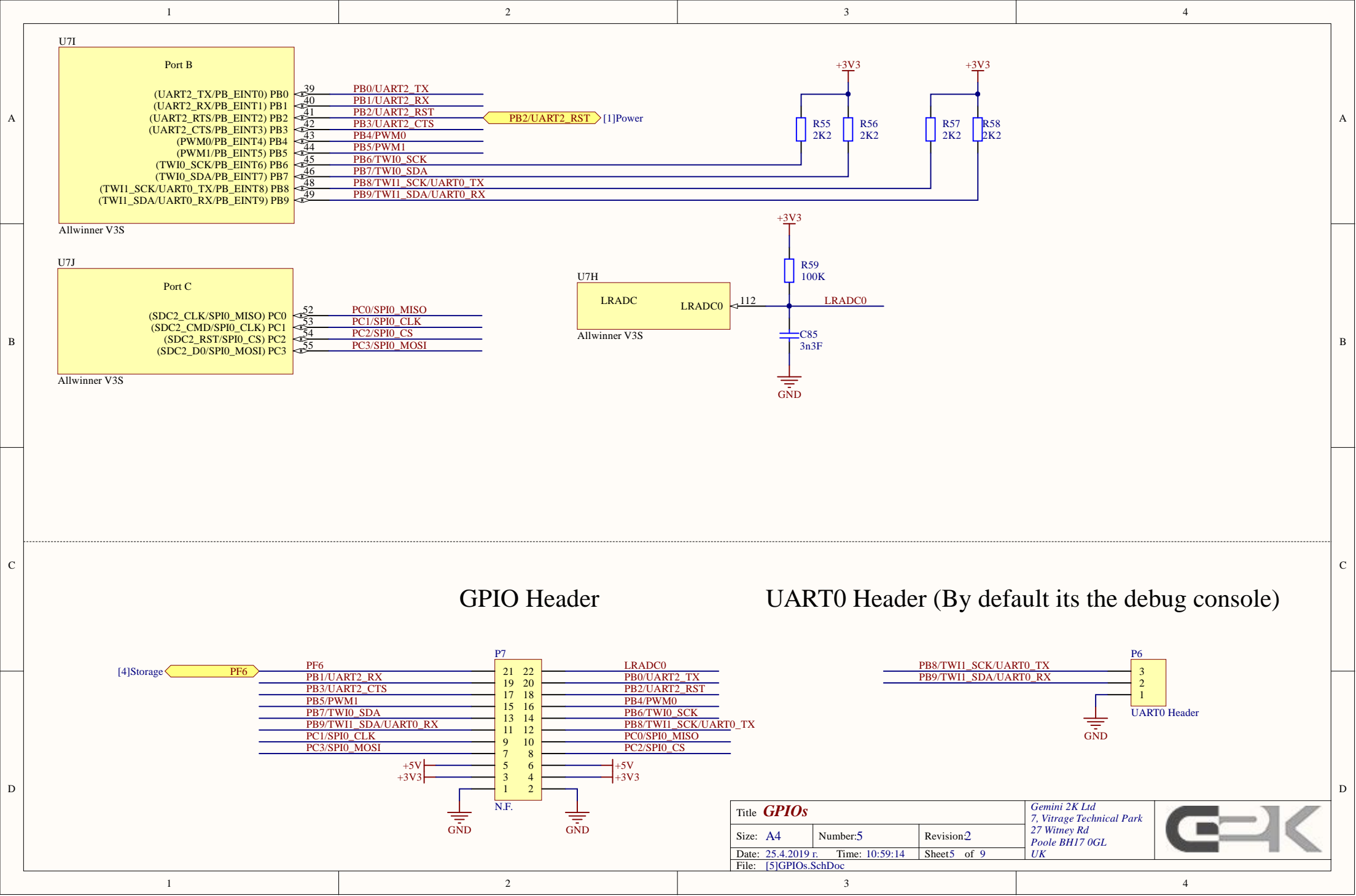
U7F

	EPHY
EPHY_VCC(3V3)	
EPHY_VDD(1V1)	
	EPHY_RXP
	EPHY_RXN
EPHY_RTX	EPHY_TXP
	EPHY_TXN
	EPHY_LINK_LED
	EPHY_SPD_LED

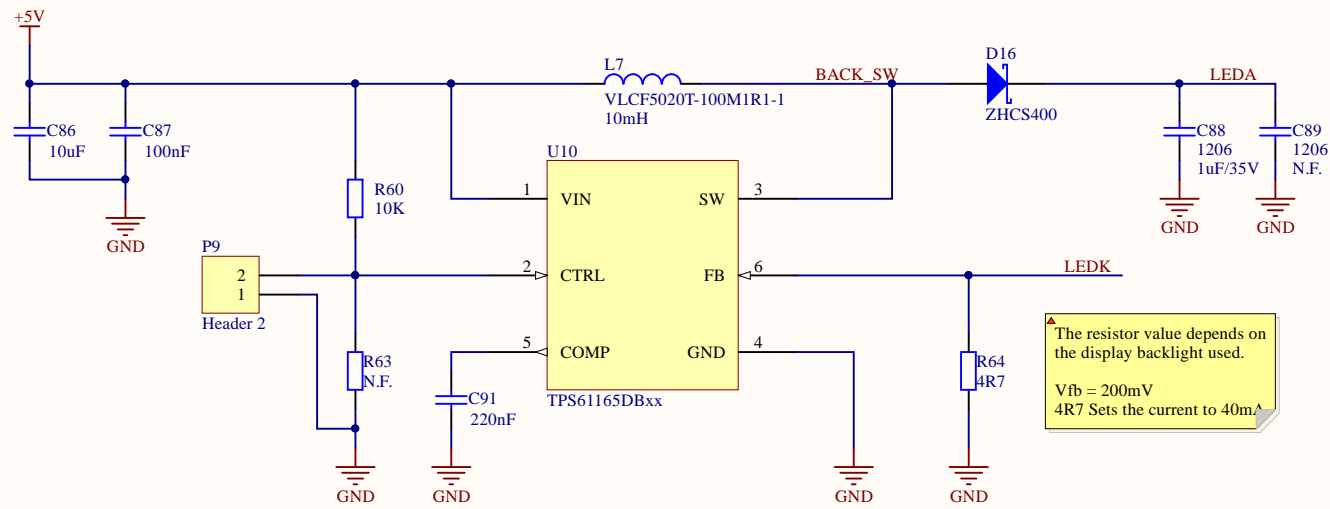
Allwinner V3S



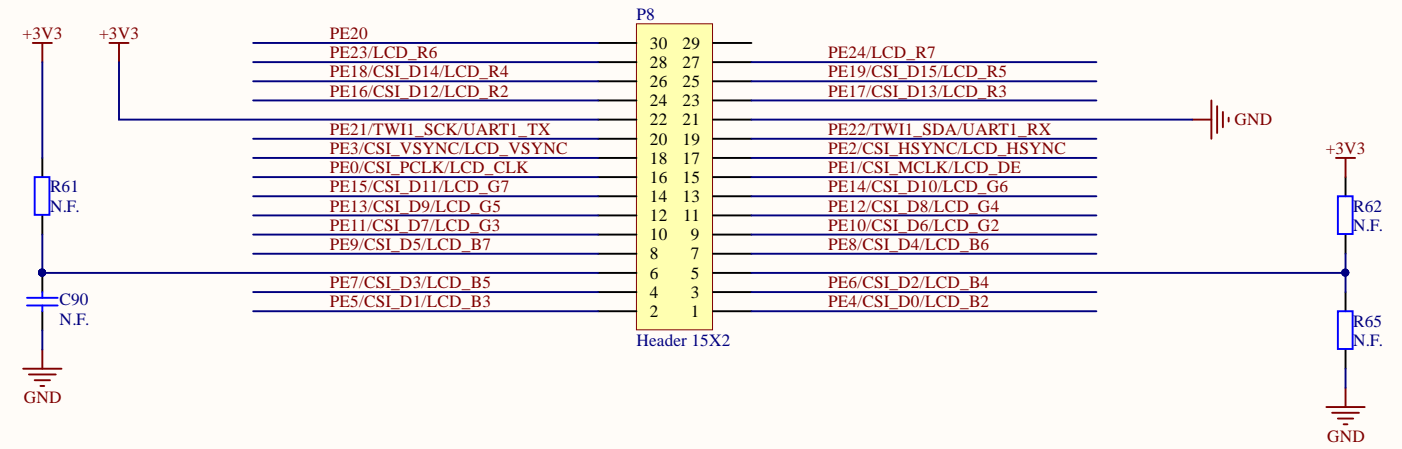




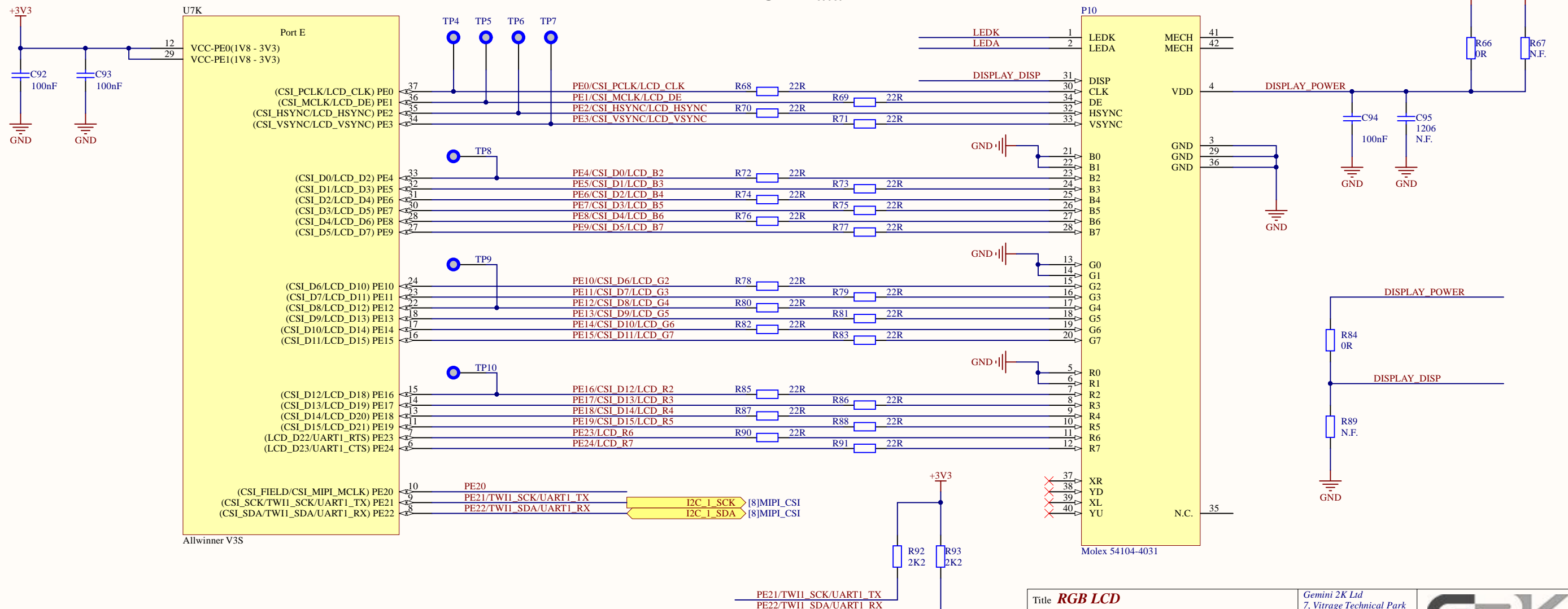
Backlight Step-Up




Port E GPIOs

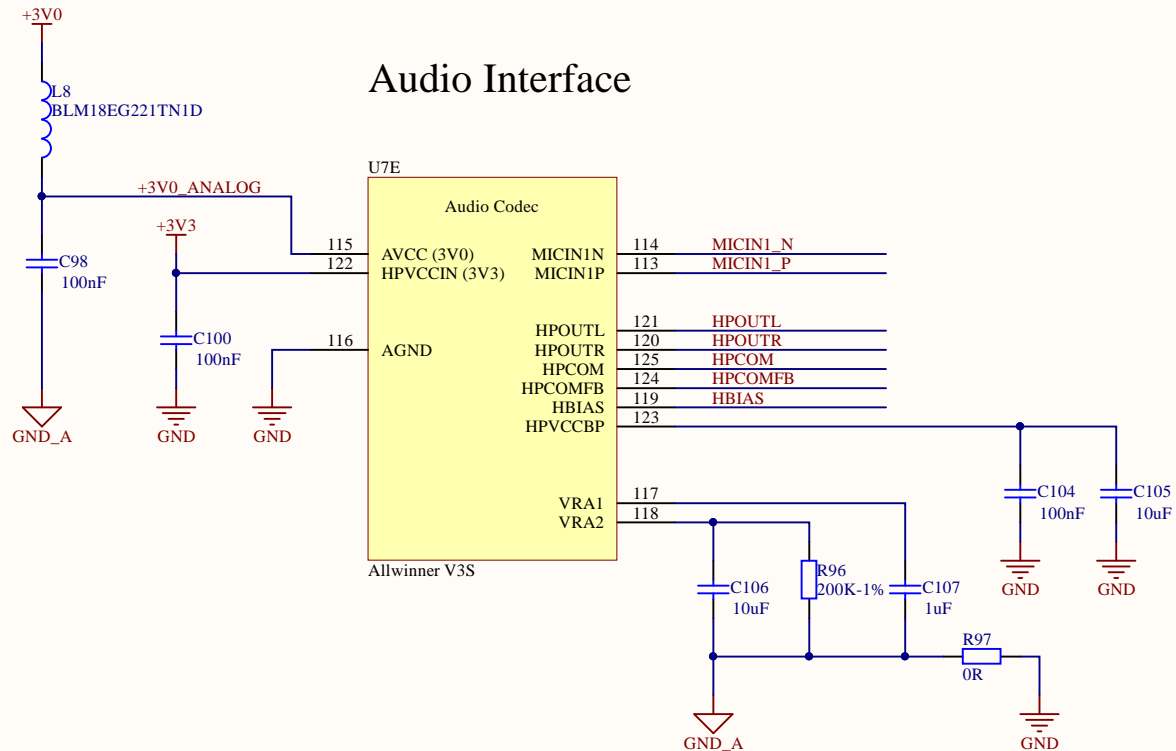


LCD Data

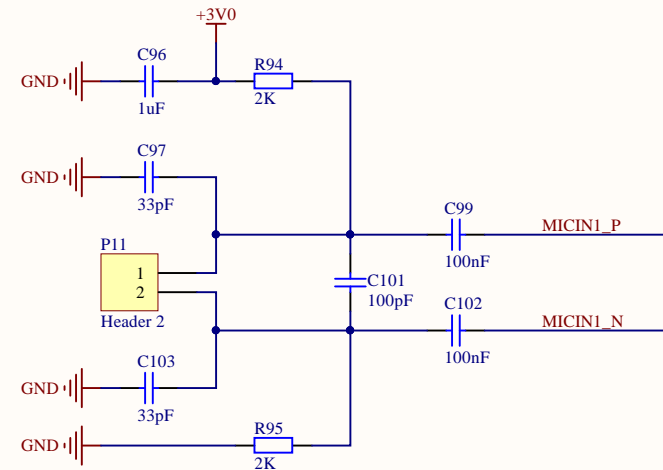


Title RGB LCD			Gemini 2K Ltd 7, Vitrage Technical Park 27 Witney Rd Poole BH17 0GL UK	
Size: A3	Number: 6	Revision: 2		
Date: 25.4.2019	Time: 10:59:14	Sheet 6 of 9		
File: [6]RGB_LCD.SchDoc				

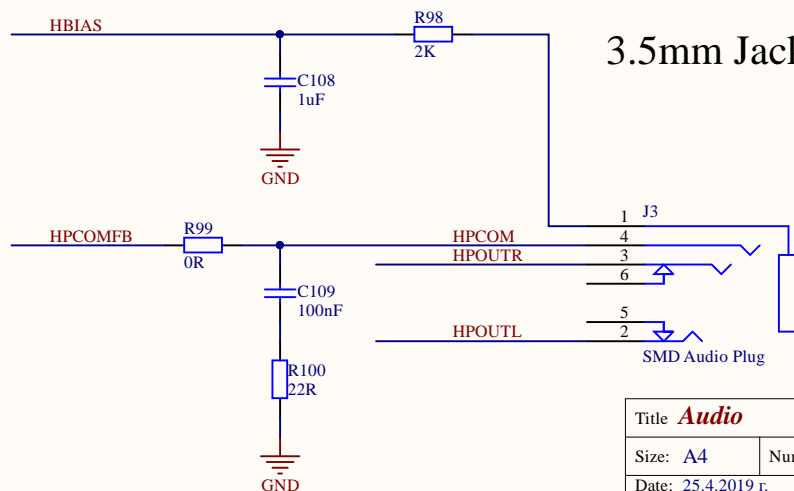
Audio Interface



Differential Microphone Header



3.5mm Jack



Title **Audio**

Size: **A4**

Number: **7**

Revision: **2**

Date: **25.4.2019** Time: **10:59:14**

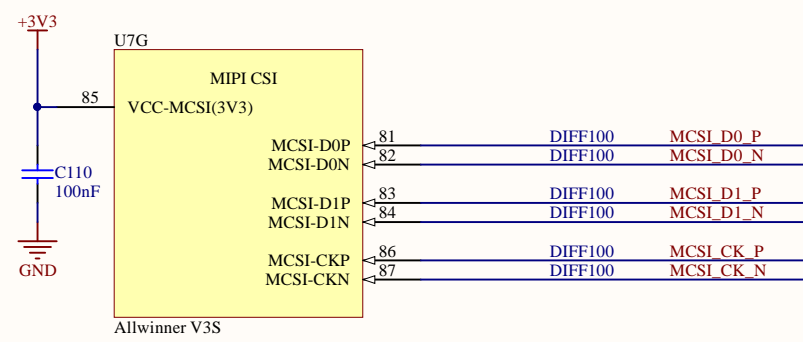
Sheet **7** of **9**

File: **[7]Audio.SchDoc**

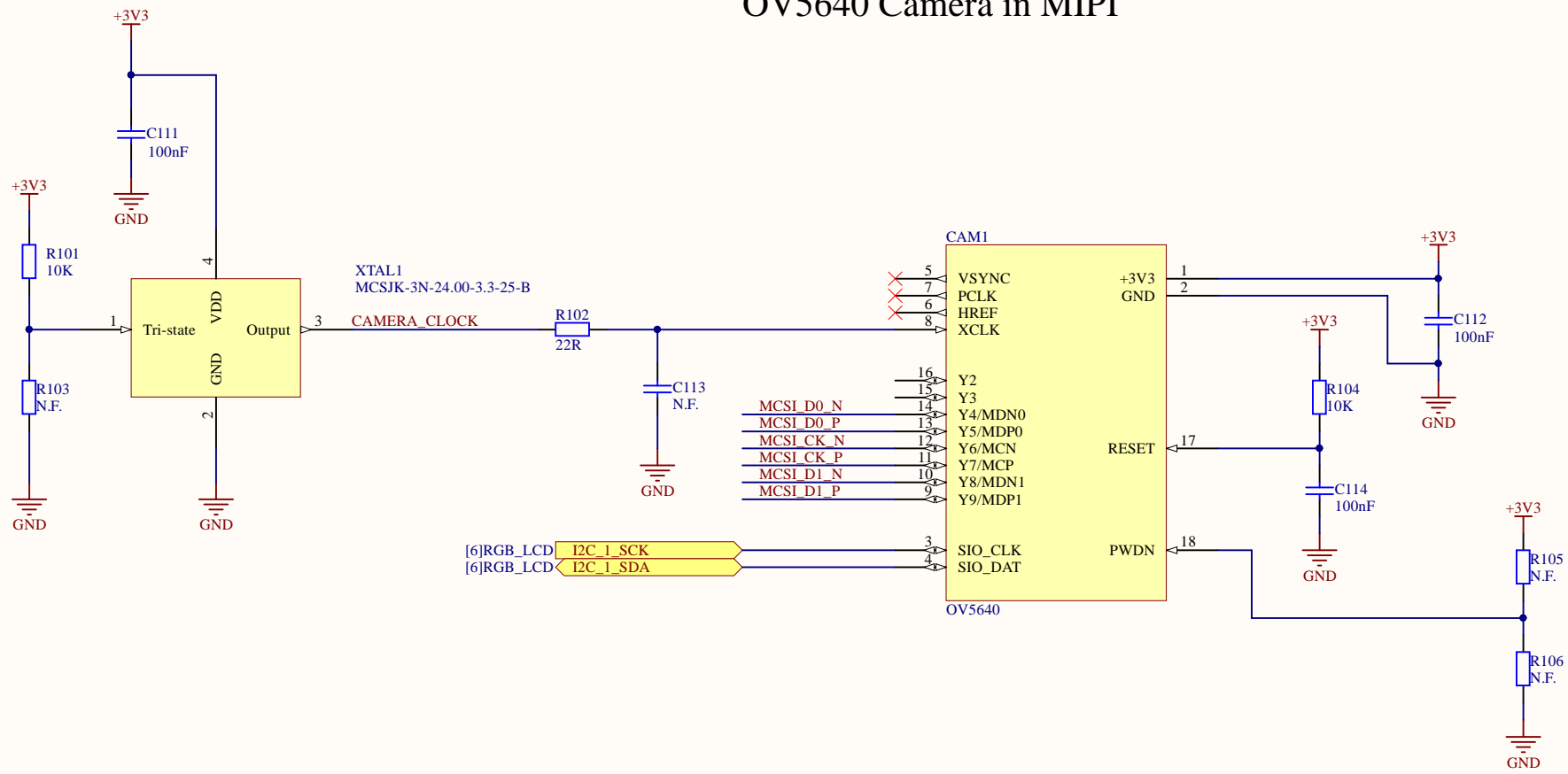
Gemini 2K Ltd
7, Vitrage Technical Park
27 Witney Rd
Poole BH17 0GL
UK



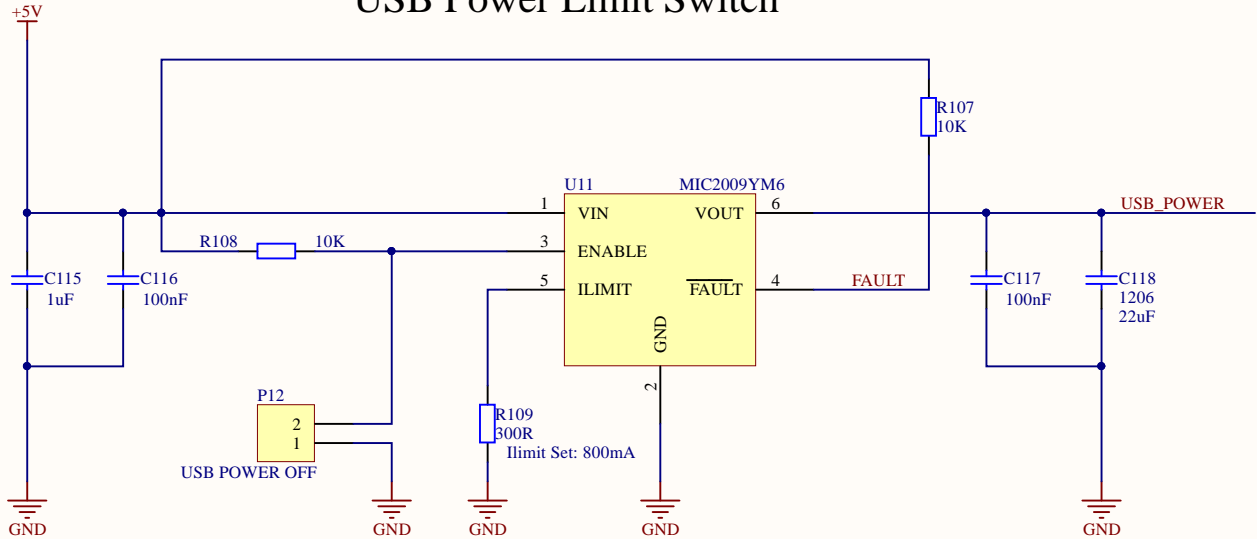
MIPI Interface



OV5640 Camera in MIPI



USB Power Limit Switch



USB Connector

