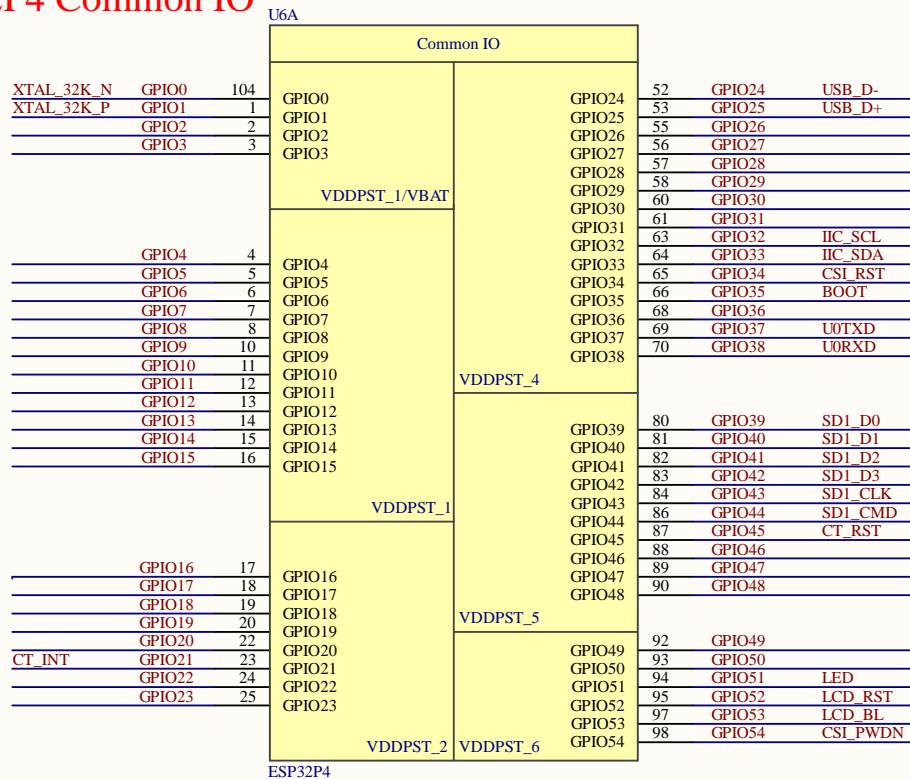
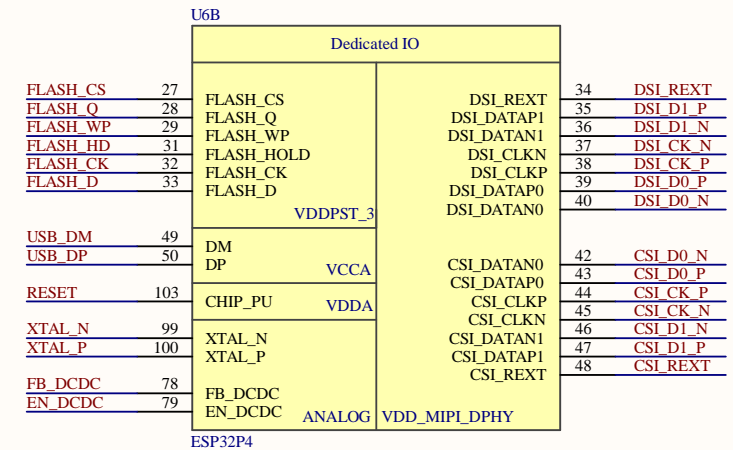


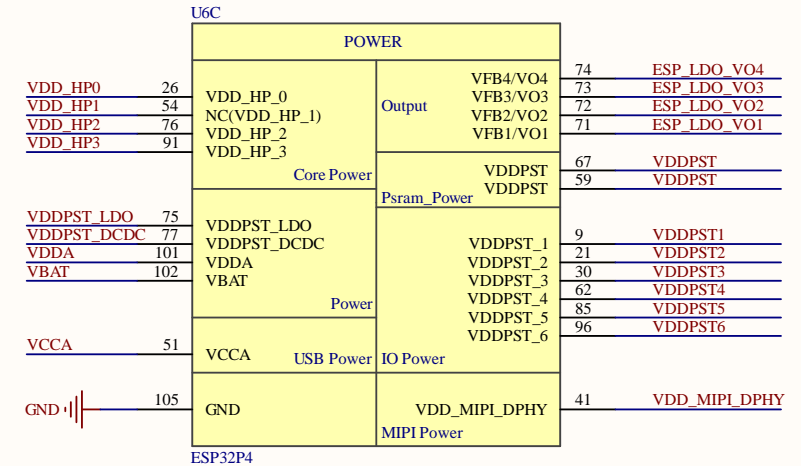
ESP32P4 Common IO



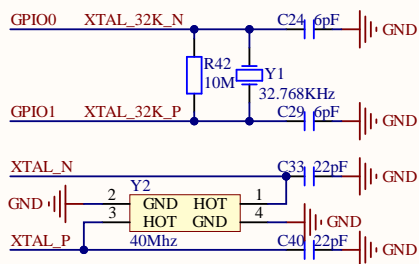
ESP32P4 Dedicated IO



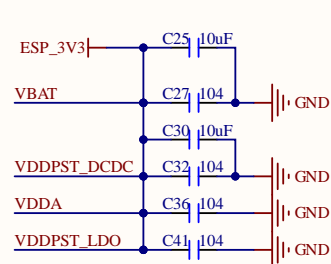
ESP32P4 Power



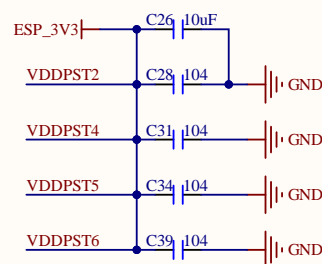
Crystal Oscillator



Power

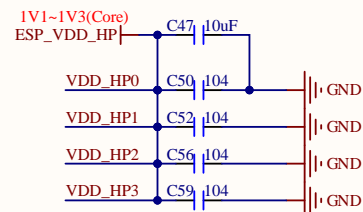


IO Power

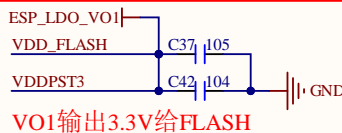
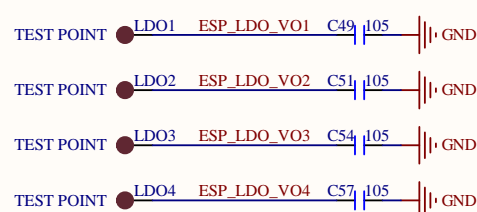


PST2&4&5&6域的IO为3.3V供电

Core Power



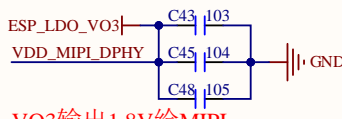
Ouput



VO1输出3.3V给FLASH



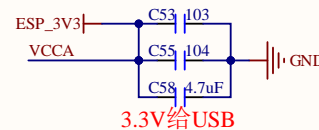
VO2输出1.9V给PSRAM




VO3输出1.8V给MIPI



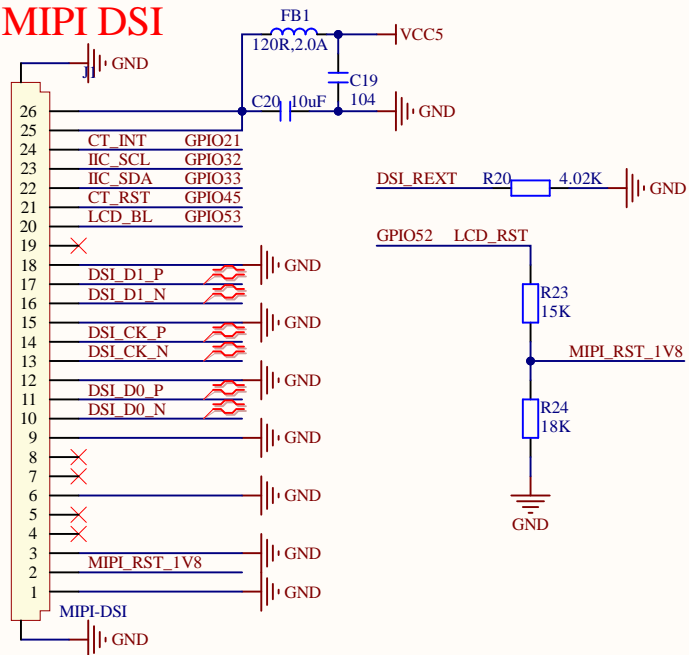
VO4可调输出给VDDPST1域IO



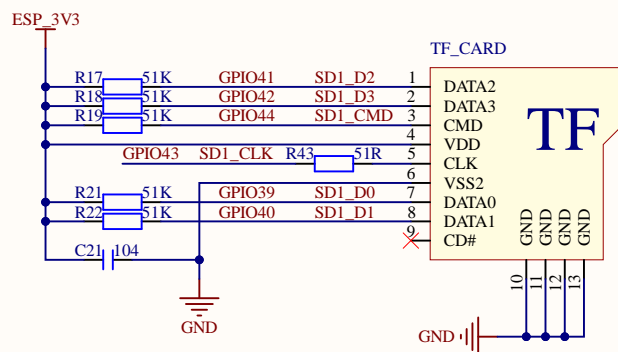
3.3V给USB

Title: ESP32P4M.PrjPcb	Size: 12000mil X 8500mil	 正点原子
Author: ALIENTEK	File: CORE.SchDoc	
Date: 2024/12/16	Version:	
Revision: V1.0		

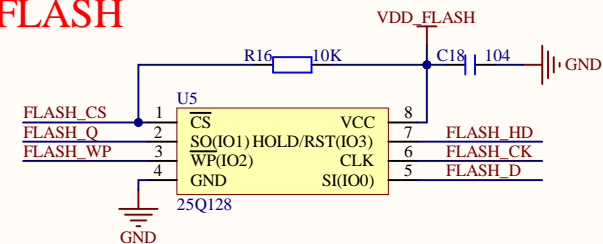
MIPI DSI



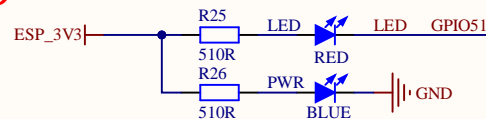
TFCARD



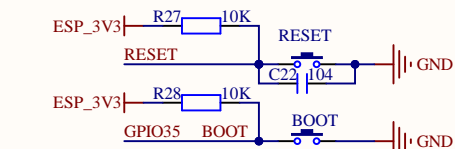
FLASH



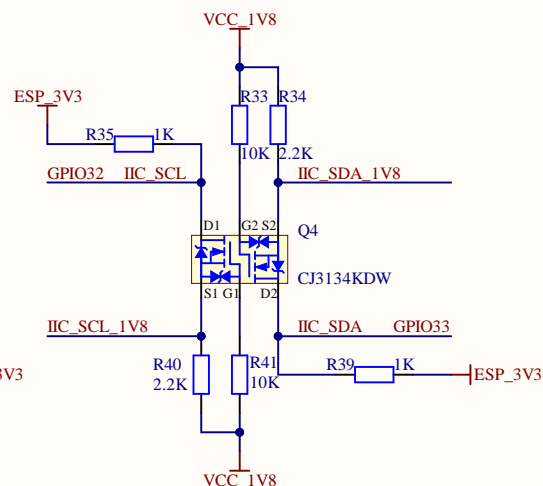
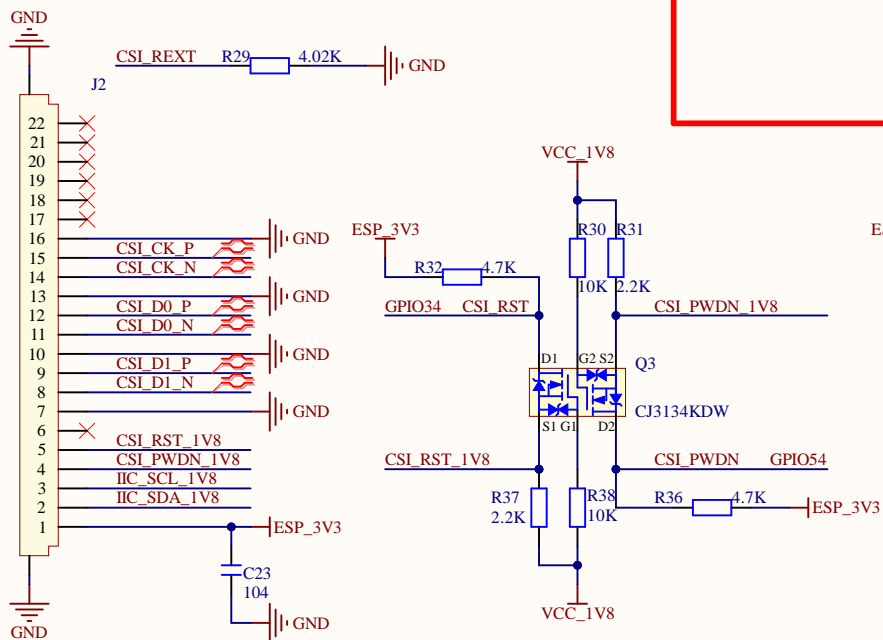
LED



KEY



MIPI CSI



EXIO

U0TXD	GPIO37	1	VCC5
U0RXD	GPIO38	2	GND
	GPIO2	3	GPIO53 LCD_BL
	GPIO3	4	GPIO52 LCD_RST
	GPIO4	5	GPIO24 USB_D-
	GPIO5	6	GPIO25 USB_D+
	GPIO6	7	GPIO31
	GPIO7	8	GPIO29
	GPIO8	9	GPIO28
	GPIO9	10	GPIO27
	GPIO10	11	GPIO26
	GPIO11	12	GPIO30
	GPIO12	13	GPIO35 BOOT
	GPIO13	14	GPIO36
	GPIO14	15	GPIO45 CT_RST
	GPIO15	16	GPIO46
	GPIO16	17	GPIO47
	GPIO17	18	GPIO48
	GPIO18	19	GPIO50
	GPIO19	20	GPIO49
	GPIO20	21	GPIO51 LED
CT_INT	GPIO21	22	GPIO23
IIC_SCL	GPIO32	23	RESET
IIC_SDA	GPIO33	24	USB_DM
		25	USB_DP

CH343_RXD	GPIO37	U0TXD	CH343_TXD
ESP_3V3	GPIO38	U0RXD	GPIO38
		GND	



