

MCU

File: /Users/peter/Projects/MountainEagleH743/1_MCU.kicad_sch

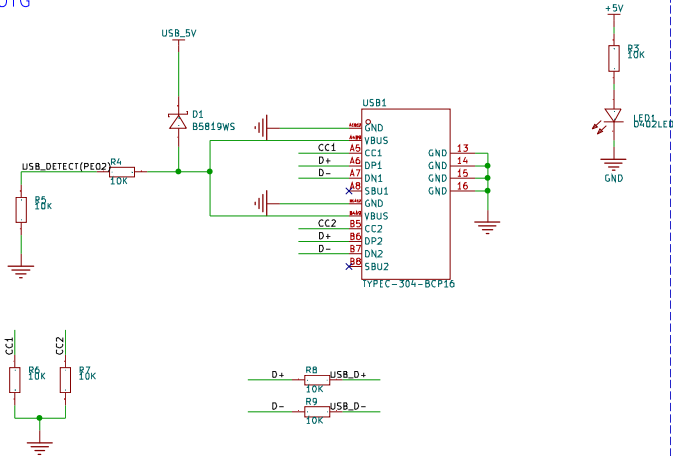
POWER

File: /Users/peter/Projects/MountainEagleH743/2_POWER.kicad_sch

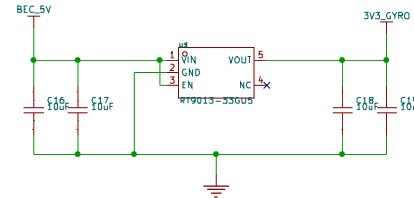
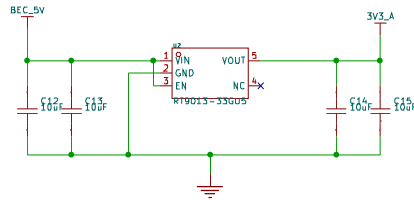
HARDWARE

File: /Users/peter/Projects/MountainEagleH743/3_HARDWARE.kicad_sch

USB OTG

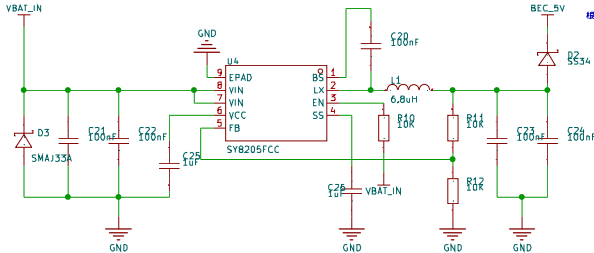


LDO(5V-3.3V)

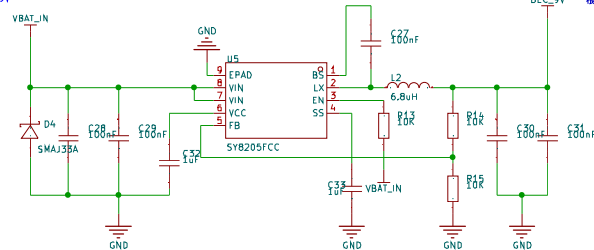


BUCK(同步整流)


VIN: 4.5–30V
VOUT: 0.6–30V
Imax: 5A



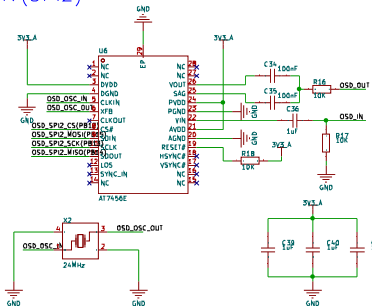
根据计算实际上是5.05V



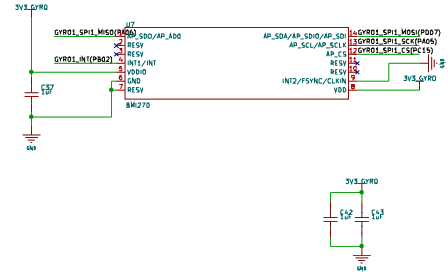
根据计算实际上是8.6V

□□□	Schematic1_2				□□□□	2024-03-23	
□□	POWER				□□□□	2024-03-16	
□□	Yihao	山鹰H743_V1.0					
□□							
		□□	□□	□	2	□	3
		V1.0	A2	SWU			

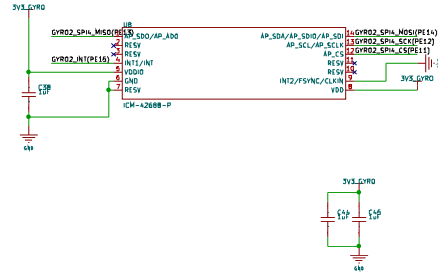
图传(SPI2)



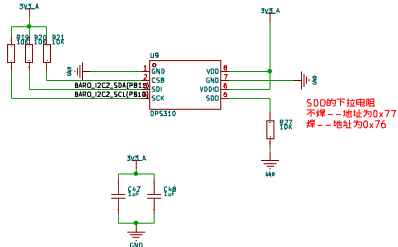
BMI270(SPI1)



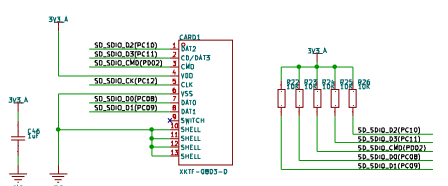
ICM42688P(SPI4)



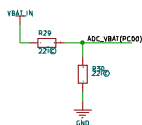
气压计DPS310(I2C2)



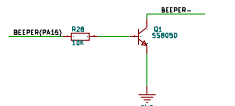
TF卡(SDIO)



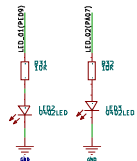
电池电压采集



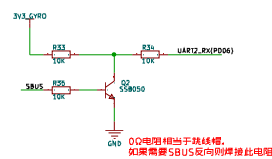
有源蜂鸣器



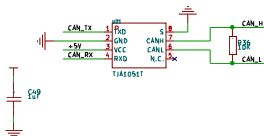
指示灯



SBUS反向



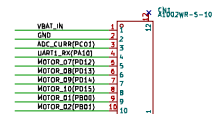
CAN



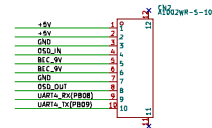
螺孔



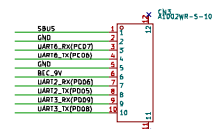
四合一电调接口/6路PWM/电流ADC/RX1



摄像头接口/图传接口/1路串口



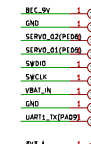
DJI天空端直插/SBUS接收机接RX2/3路串口



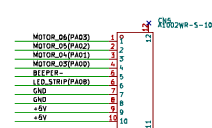
1路串口/1路CAN/1路SPI



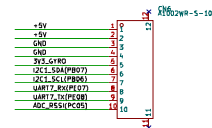
2路舵机机接口/TX1/9V
下载口/6S输入/3.3V



蜂鸣器/灯带/5路PWM




1路I2C/1路串口/ADC_RSSI



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// 注意：没有引号
ADC_EXTERNAL1_AIRS(PC04)
ADC_EXTERNAL2_VB2(PA04)
ADC_EXTERNAL3_CU2(PA07)
PINID1(PD10)
PINID2(PD11)

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□□□		Schematic1_2		□□□□		2023-11-15	
□□		HARDWARE		□□□□		2023-11-15	
□□		Yihao		FLY_H743_V2_2023-08-24_20-25-03			
□□							
		□□		□□		□ 3 □ 3	
 嘉立创EDA		V1.0		A2		SWU	