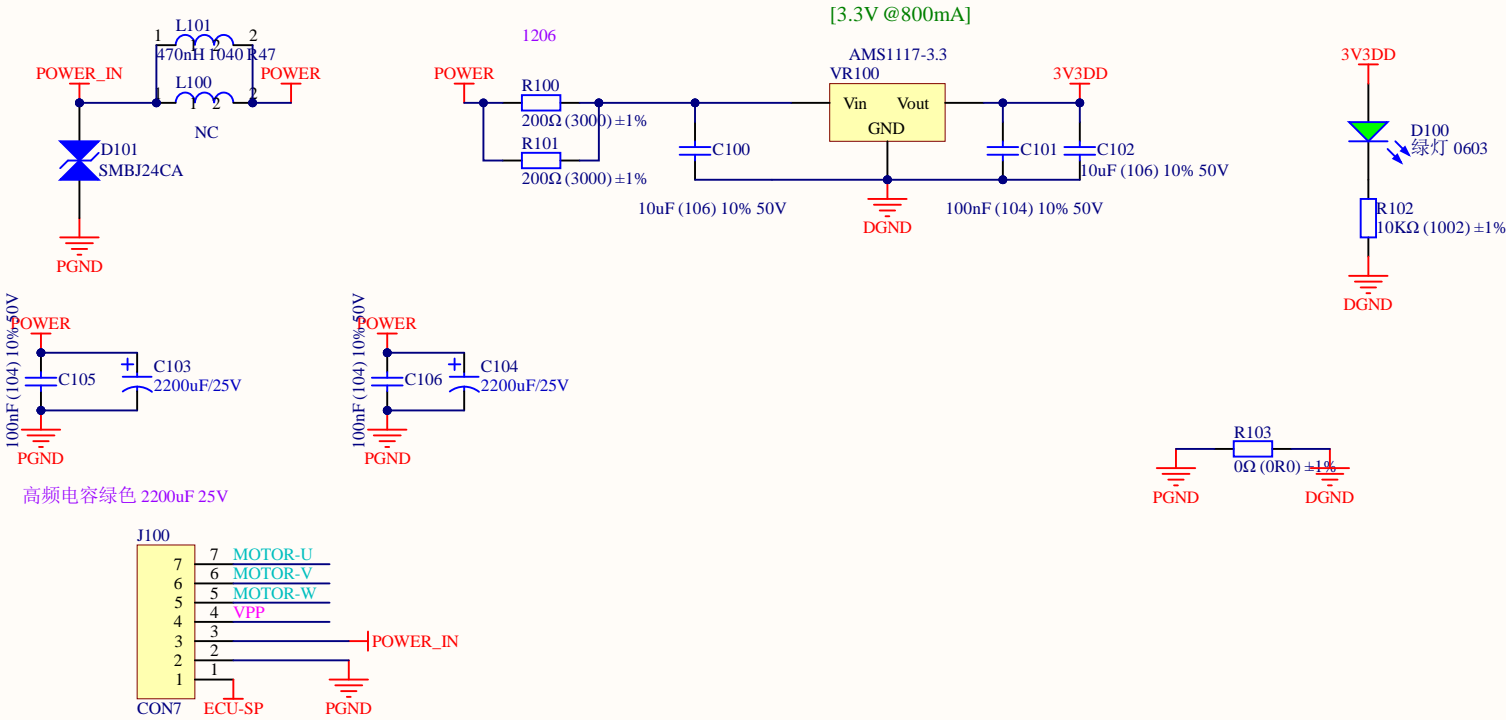


{01 电源系统部分}

[输入电源 13.6 VDC]

[输出：3V3DD @ 800mA]

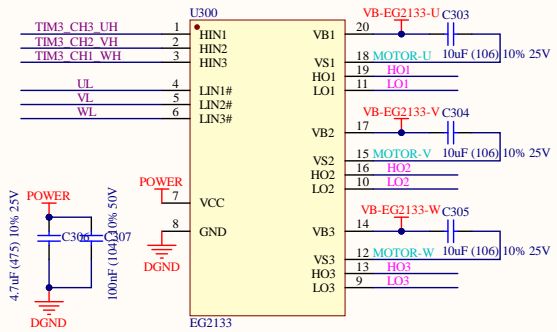
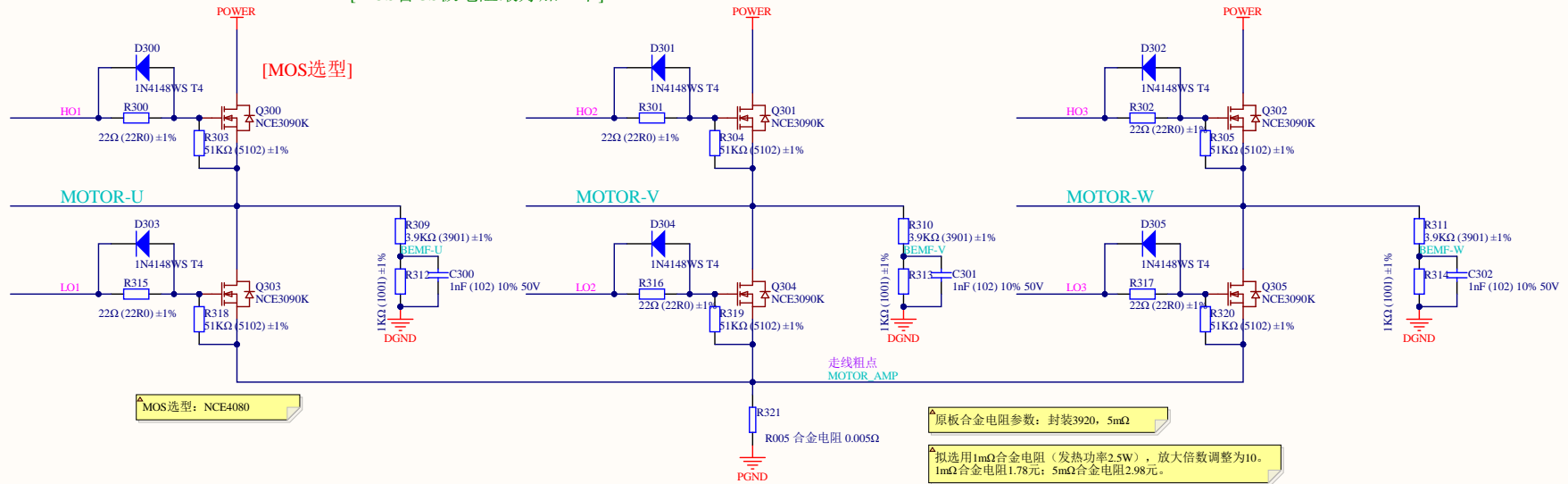


[进线电源 & 电机接口]

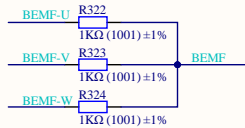
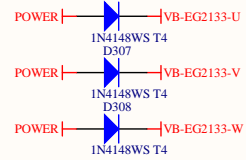
Title		
Size A4	Number	Revision
Date:	9/12/2023	Sheet of
File:	D:\software\...\01_Power.SchDoc	Drawn By:

{03 MOS驱动部分}

[MOS管GS极电阻最好加一下]



[每路VB的快恢复二极管都需要，确保自举电路工作正常]



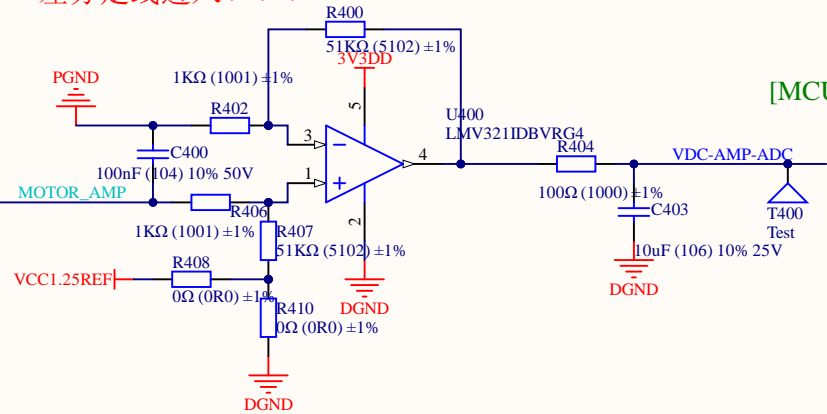
Title		
Size A3	Number	Revision
Date:	9/12/2023	Sheet of
File:	D:\software\03_MOS_Drive.SchDoc	Drawn By:

{04 BLDC传感部分}

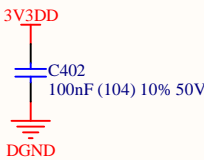
[ADC采样速率Ts 最小设置为 71.5 (Rain=16.8k)]
[ADC采样速率Ts =239.5 (Rain=58k)]

[电机采样电流]

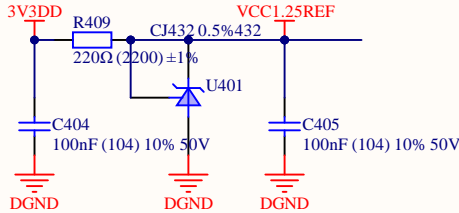
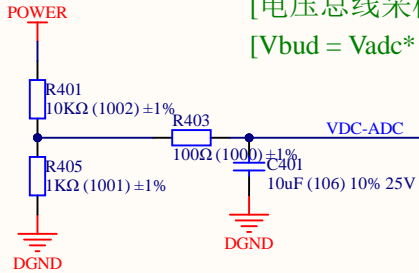
差分走线进入!!! [放大增益Gain=51K/(1K)+1=52,同相比增益放大]



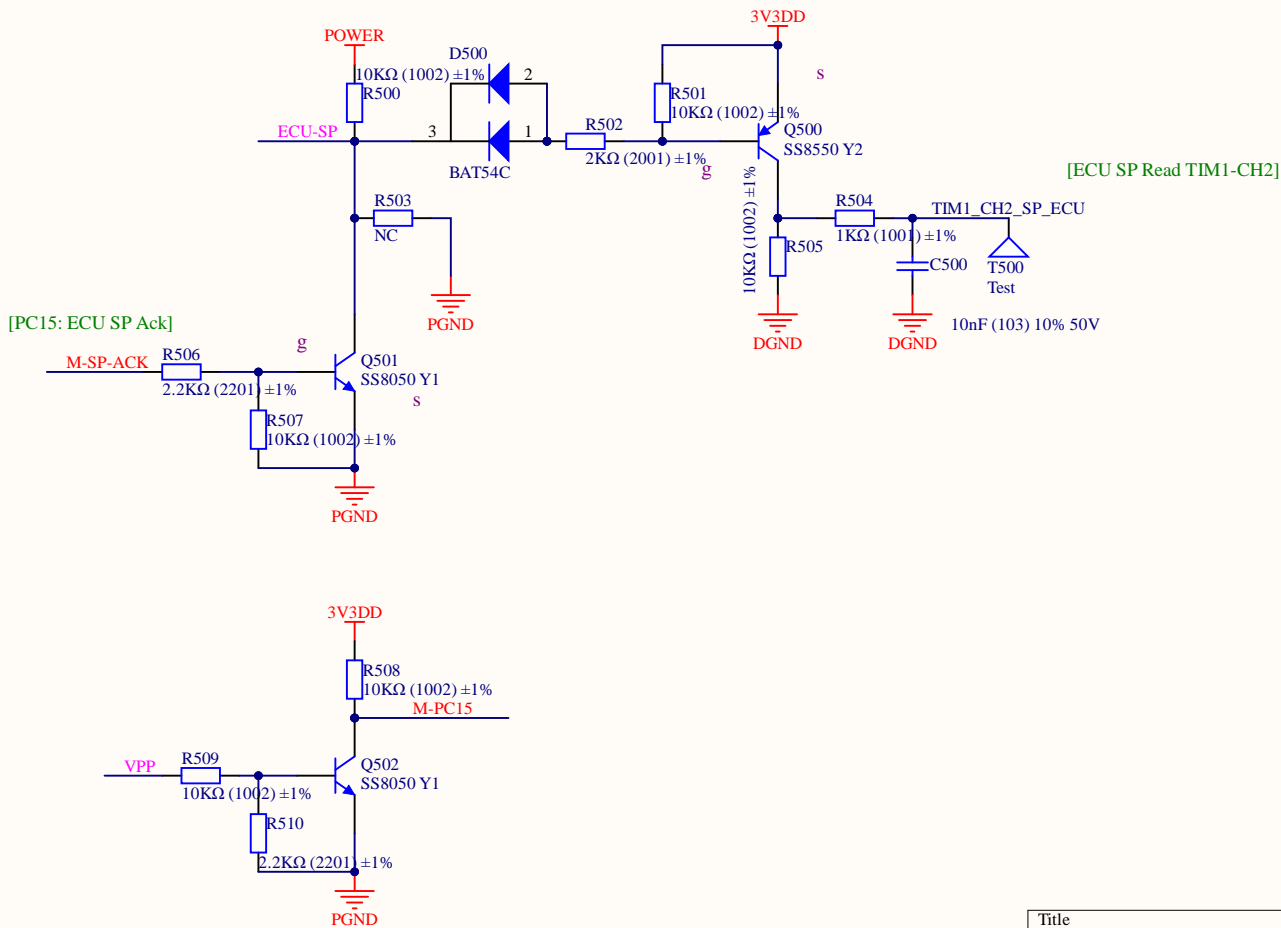
[MCU adc]



[电压总线采样]
[Vbud = Vadc* 11]



Title		
Size A4	Number	Revision
Date:	9/12/2023	Sheet of
File:	D:\software\...\04_Sensor.SchDoc	Drawn By:



Title		
Size	Number	Revision
A4		
Date:	9/12/2023	Sheet of
File:	D:\software\...\05_ECU_Signal.SchDoc	Drawn By:

