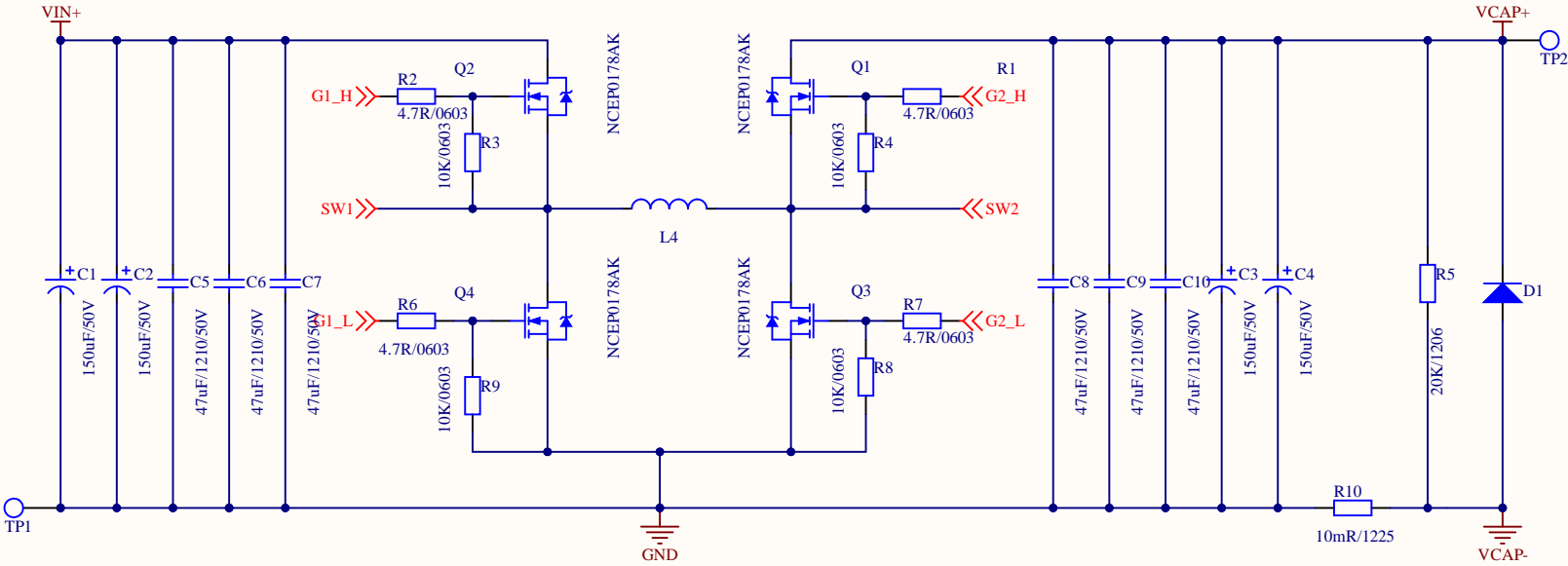
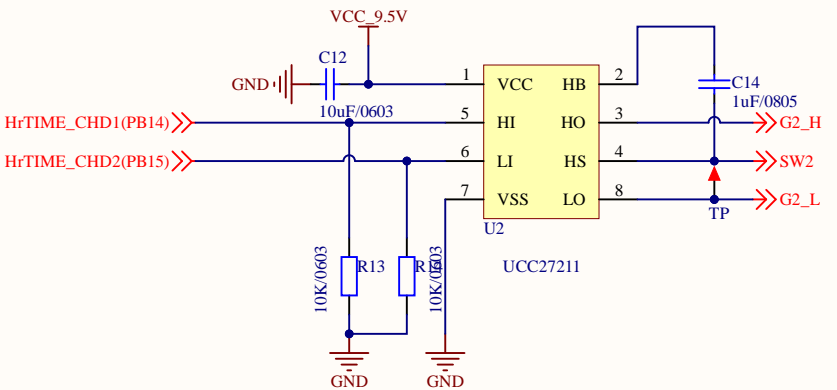
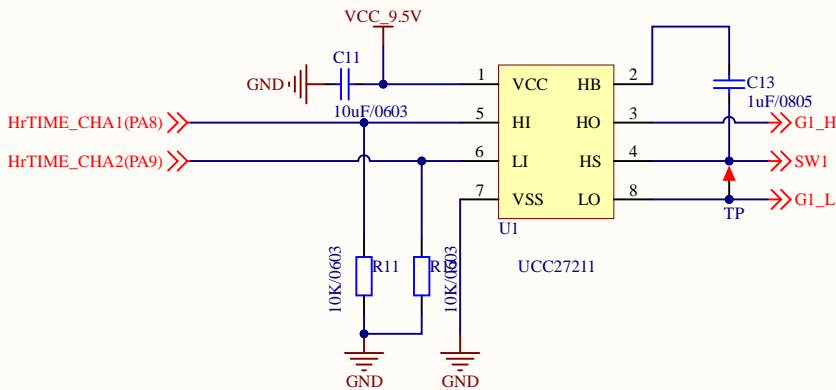


主拓扑



驱动器



Title 超级电容控制板		
Size A4	Number	Revision V9
Date: 7/01/2022	Sheet of	
File: D:\AD\主拓扑.SchDoc	Drawn By: 林子杰	

A

B

C

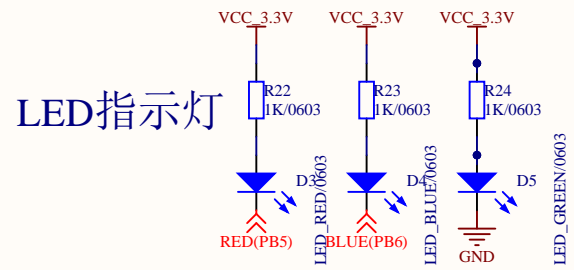
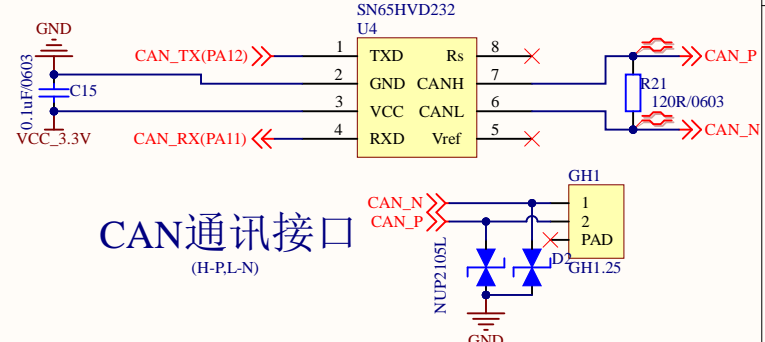
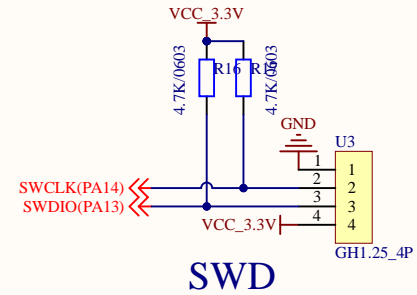
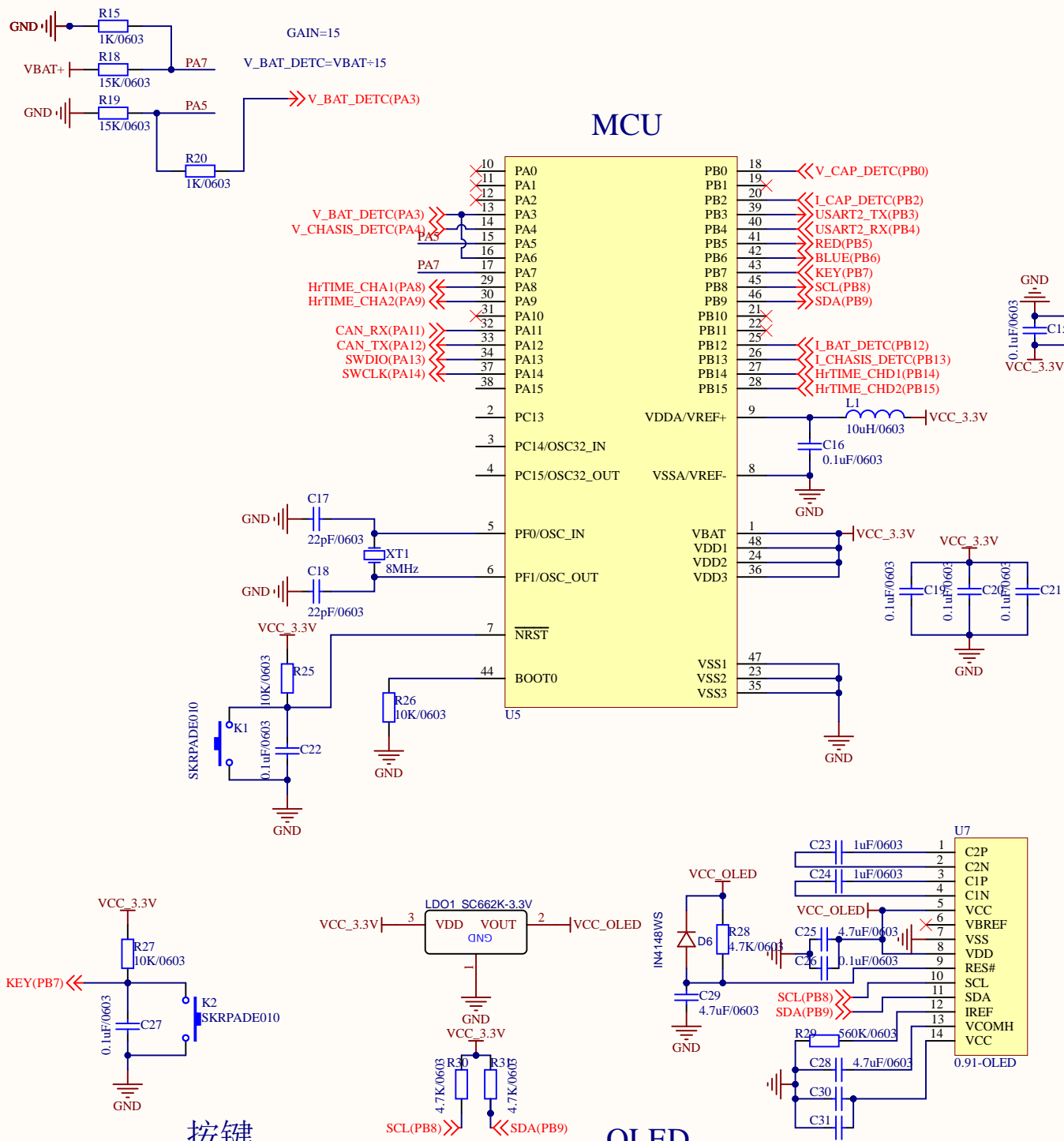
D

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B

C

D

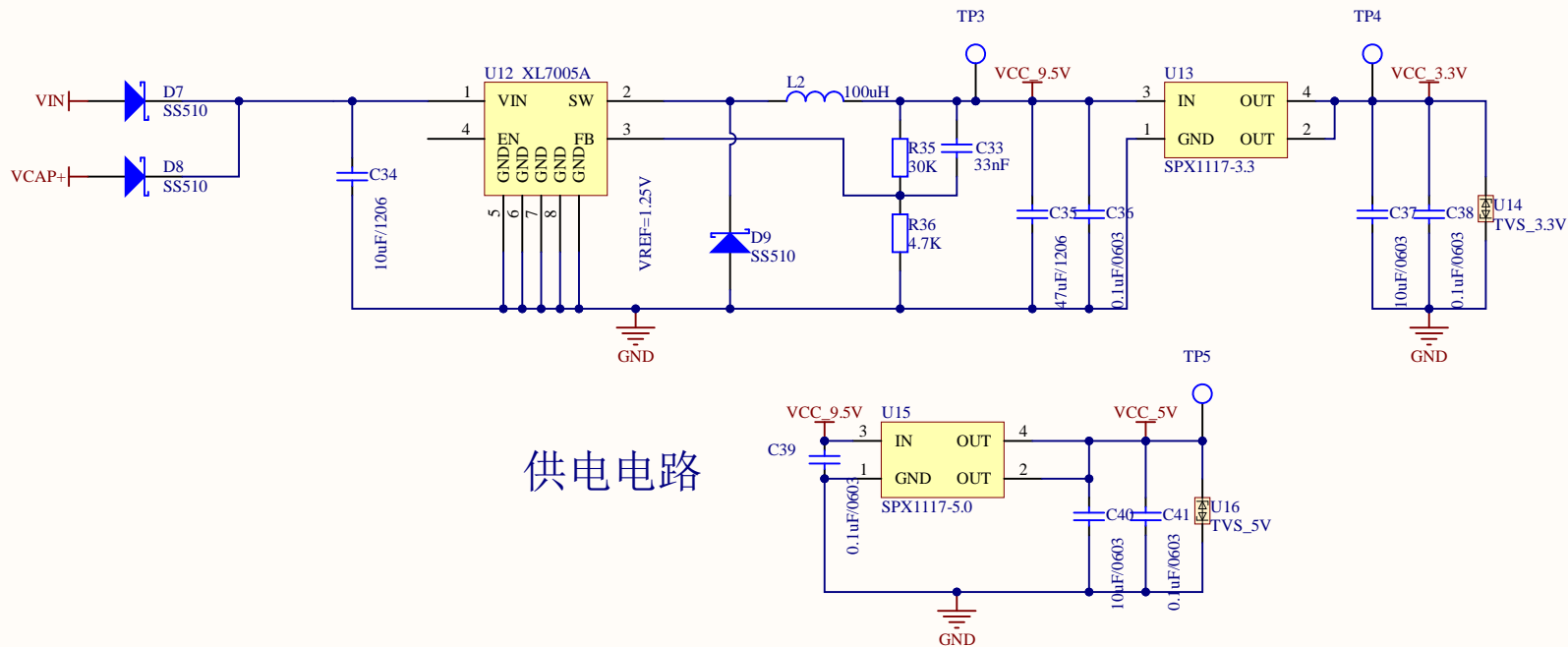


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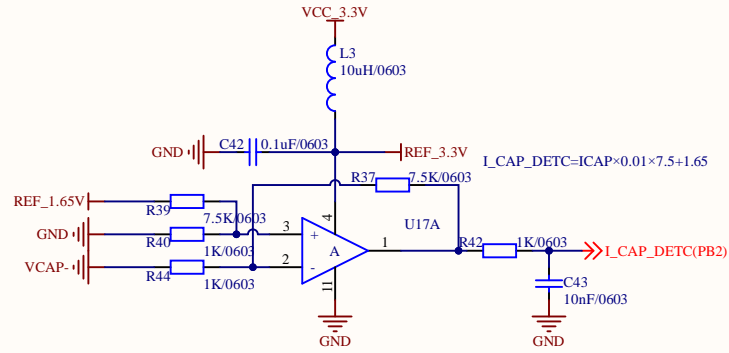
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XT30PW-F

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Title		
Size	Number	Revision
A4		
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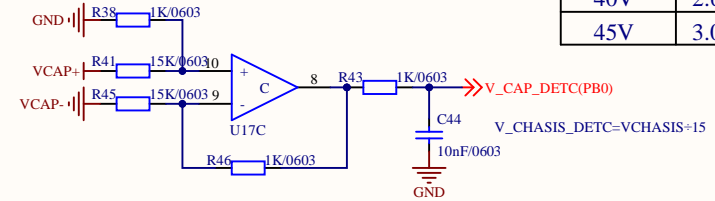
电容电流采样



电压	ADC采样
-15A	0.525V
-12A	0.750V
-10A	0.900V
-8A	1.050V
-5A	1.275V
-2A	1.500V
0A	1.650V
2A	1.800V
5A	2.025V
8A	2.250V
10A	2.400V
12A	2.550V

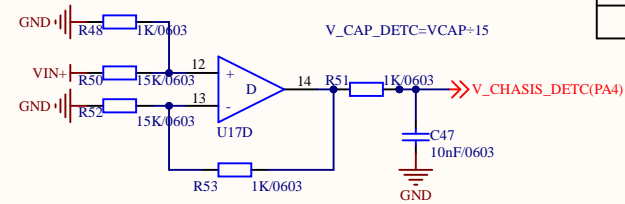
F=1/2ITRC,滤波带宽5KHZ

电容电压采样



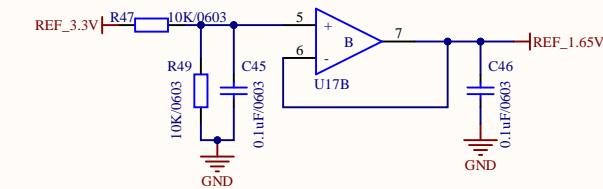
电压	ADC采样
5V	0.333V
10V	0.666V
15V	1.000V
20V	1.333V
30V	2.000V
40V	2.666V
45V	3.000V

底盘输出电压采样



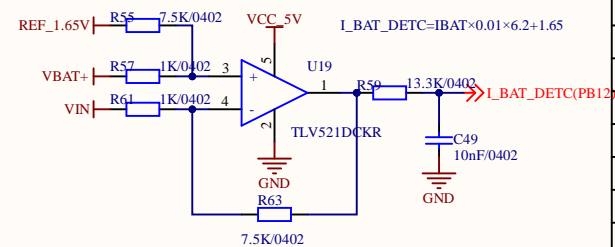
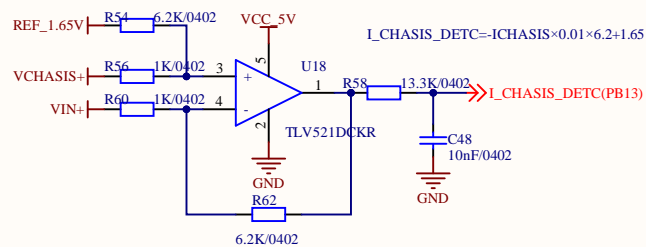
电压	ADC采样
5V	0.333V
10V	0.666V
15V	1.000V
20V	1.333V
30V	2.000V
40V	2.666V
45V	3.000V

底盘电流采样



电压	ADC采样
-25A	0.100V
-22A	0.286V
-20A	0.410V
-18A	0.534V
-15A	0.720V
-12A	0.906V
-10A	1.030V
-8A	1.154V
-5A	1.340V
-2A	1.526V
0A	1.650V
2A	1.774V
5A	1.960V
8A	2.146V
10A	2.270V
12A	2.394V
15A	2.580V

电池电流采样



电压	ADC采样
-15A	0.525V
-12A	0.750V
-10A	0.900V
-8A	1.050V
-5A	1.275V
-2A	1.500V
0A	1.650V
2A	1.800V
5A	2.025V
8A	2.250V
10A	2.400V
12A	2.550V

Board Stack Report