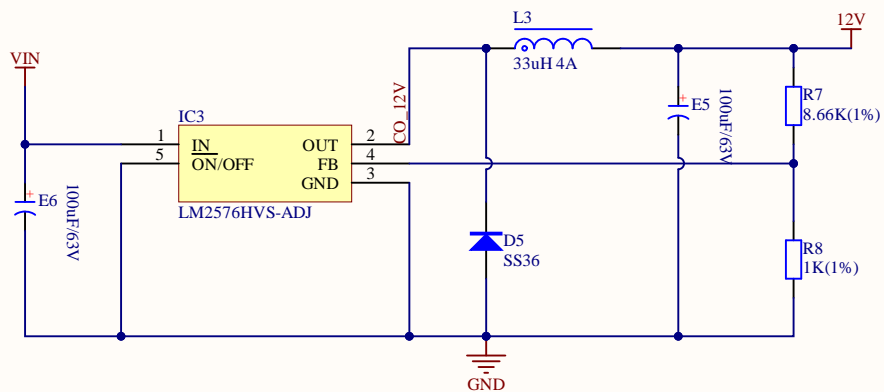
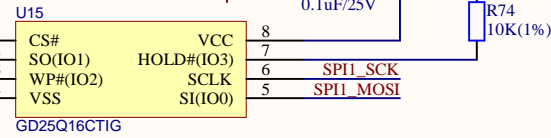
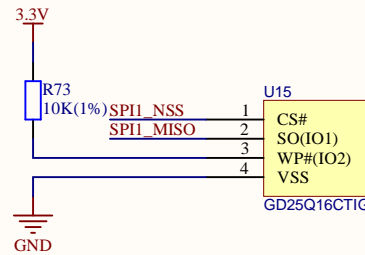
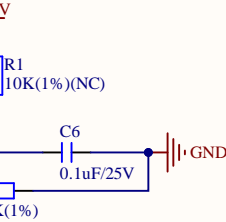
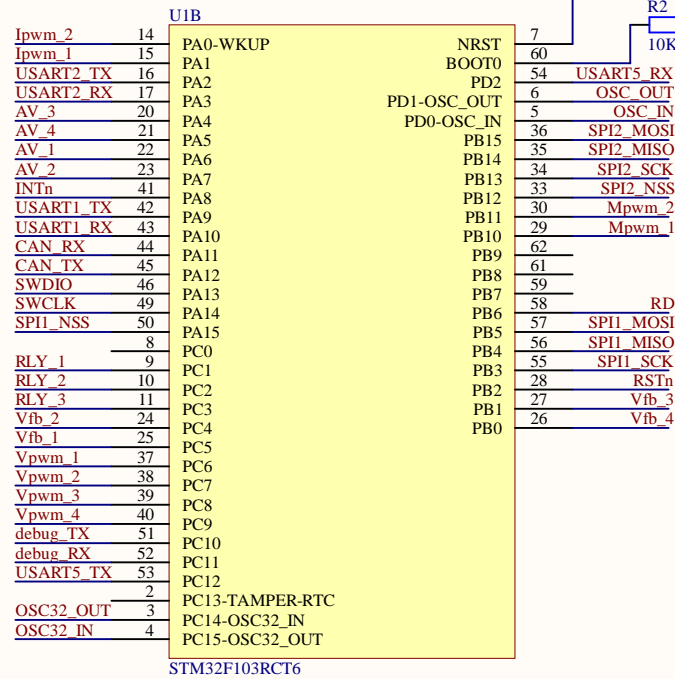
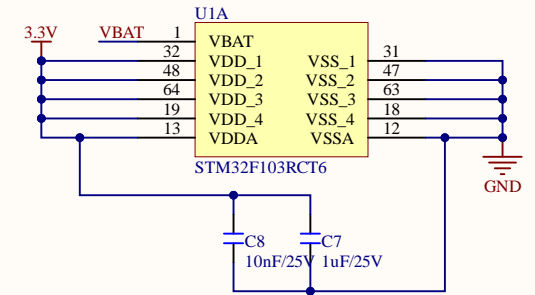
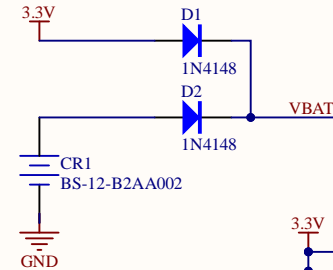
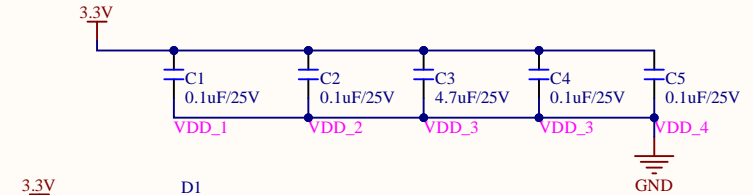
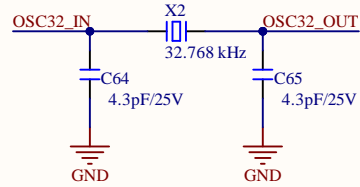
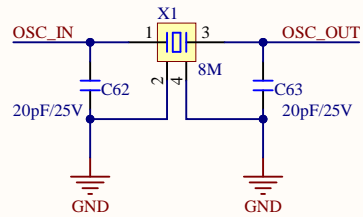


PWR

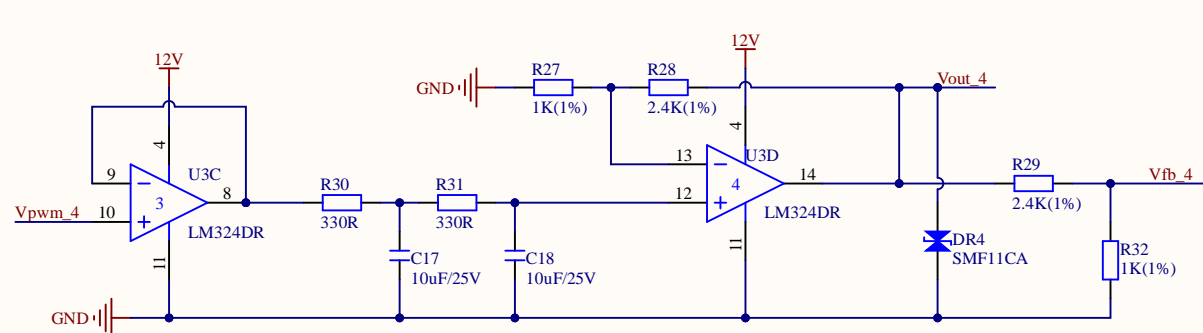
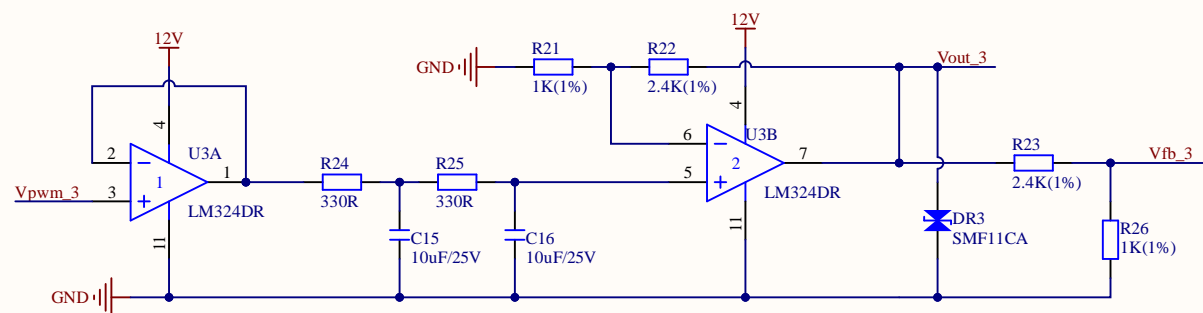
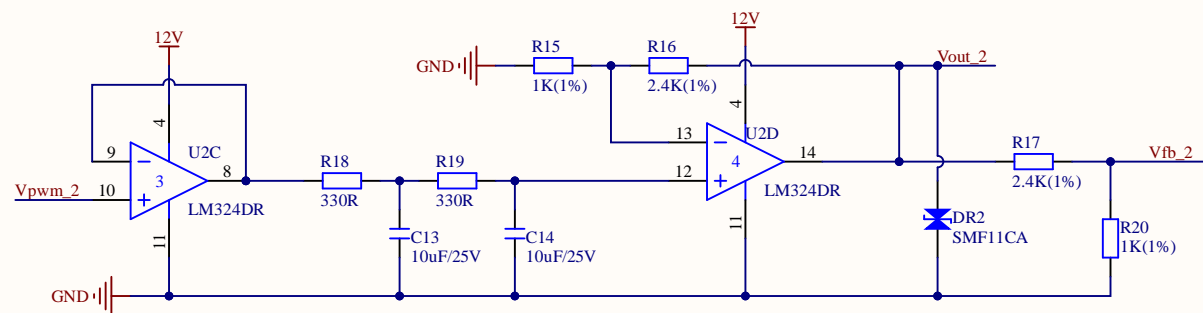
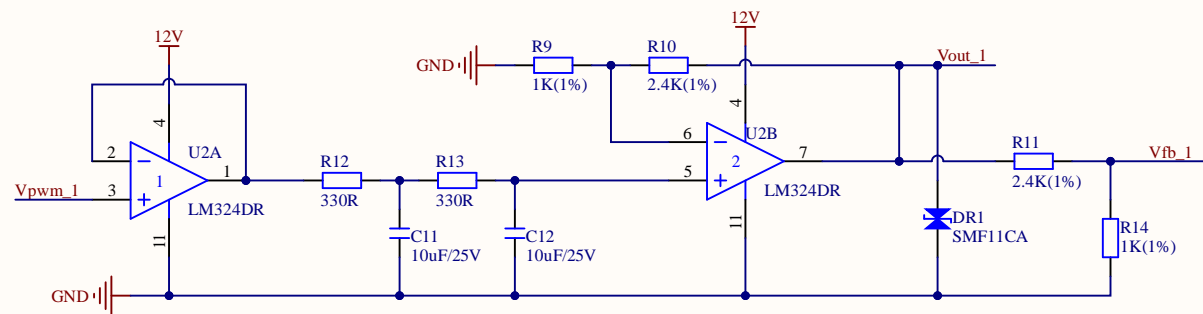


Title		
Size	Number	Revision
A4		
Date:	3/20/2022	Sheet of
File:	D:\project_22\...\PWR.SchDoc	Drawn By:



MCU

Title		
Size	Number	Revision
A4		
Date:	3/20/2022	Sheet of
File:	D:\project_22\...\MCU.SchDoc	Drawn By:



Vout

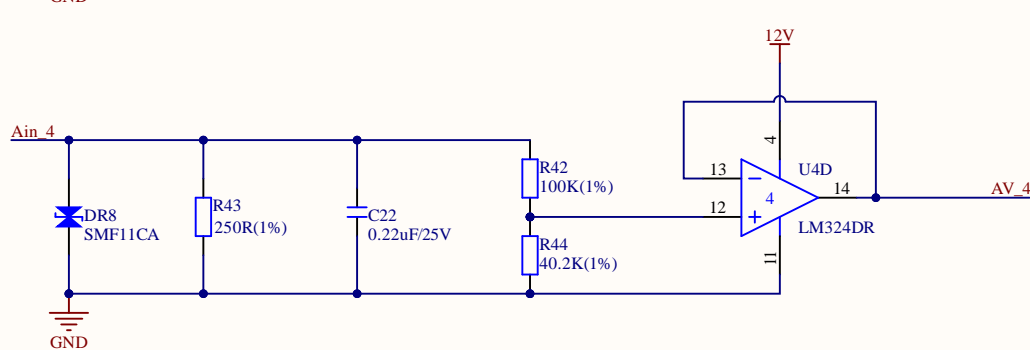
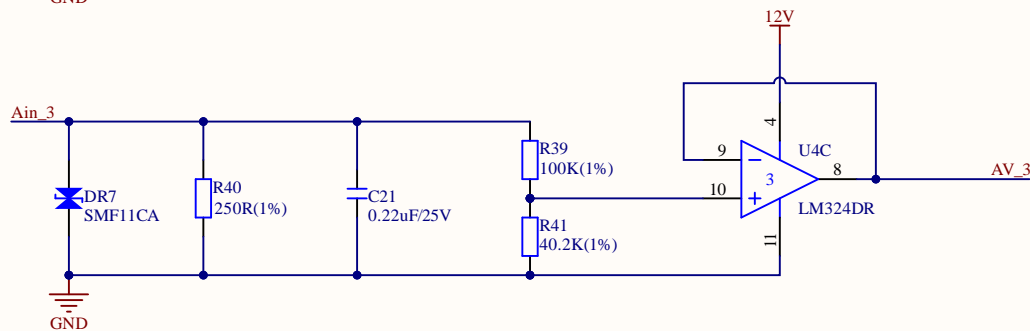
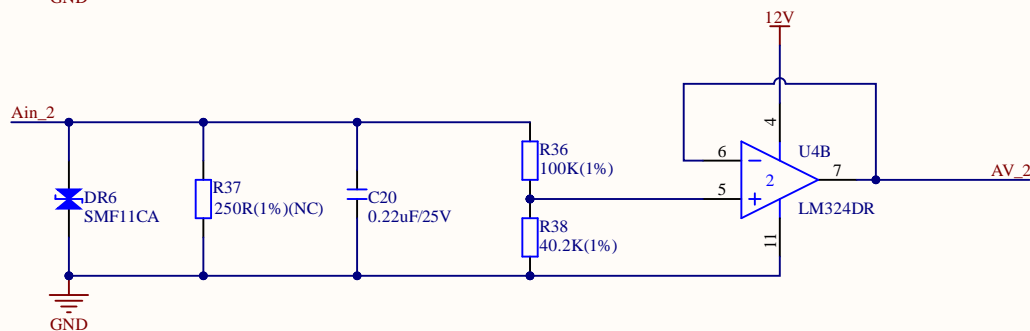
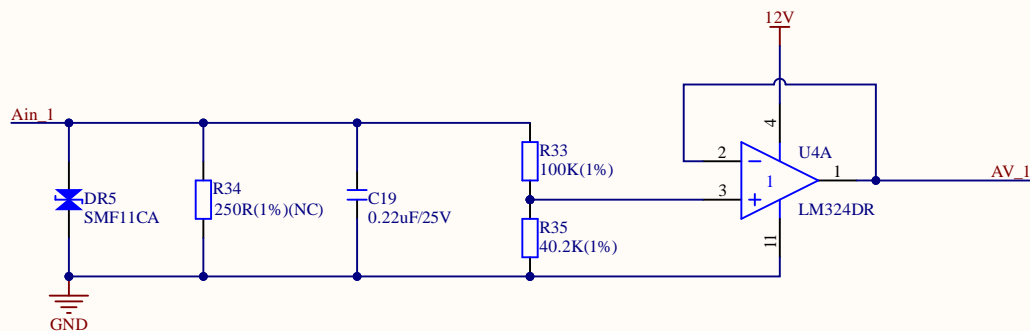
Title		
Size A4	Number	Revision
Date:	3/20/2022	Sheet of
File:	D:\project_22\...\Vout.SchDoc	Drawn By:

1

2

3

4



Vin

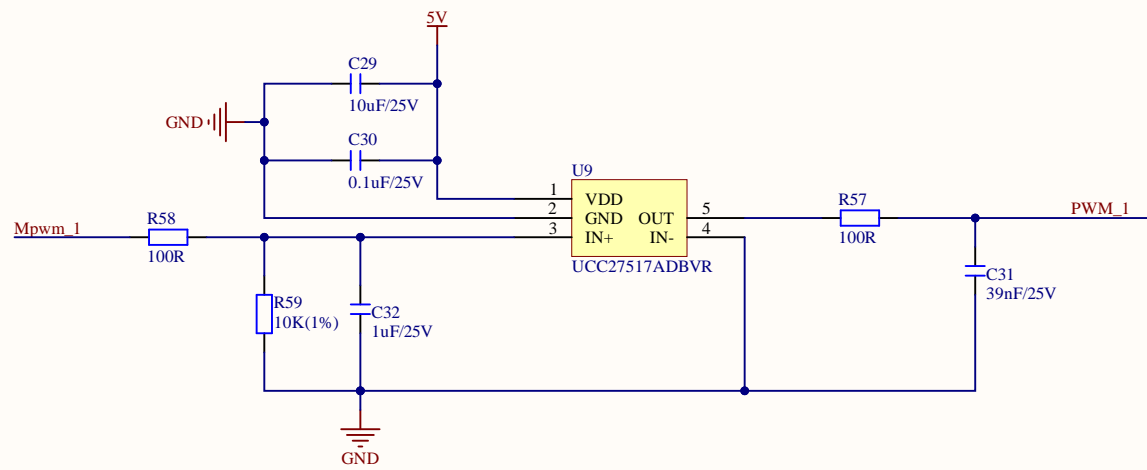
Title		
Size	Number	Revision
A4		
Date:	3/20/2022	Sheet of
File:	D:\project_22\...\Ain.SchDoc	Drawn By:

1

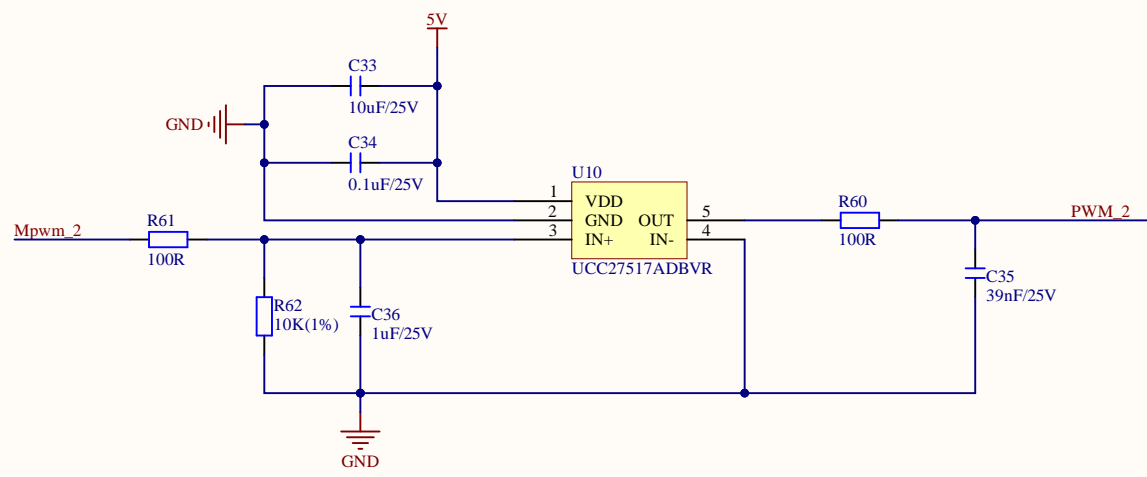
2

3

4

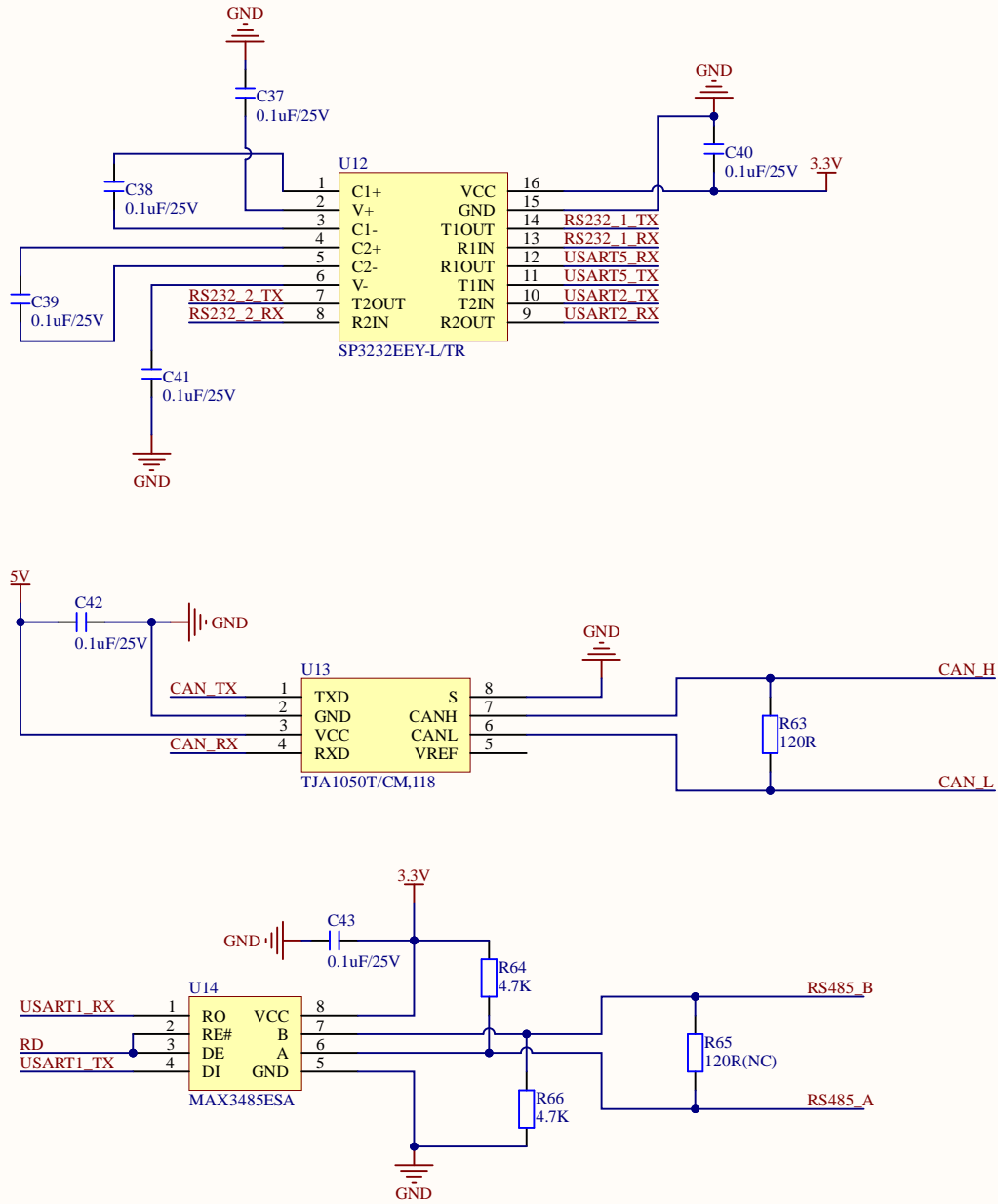


PWM

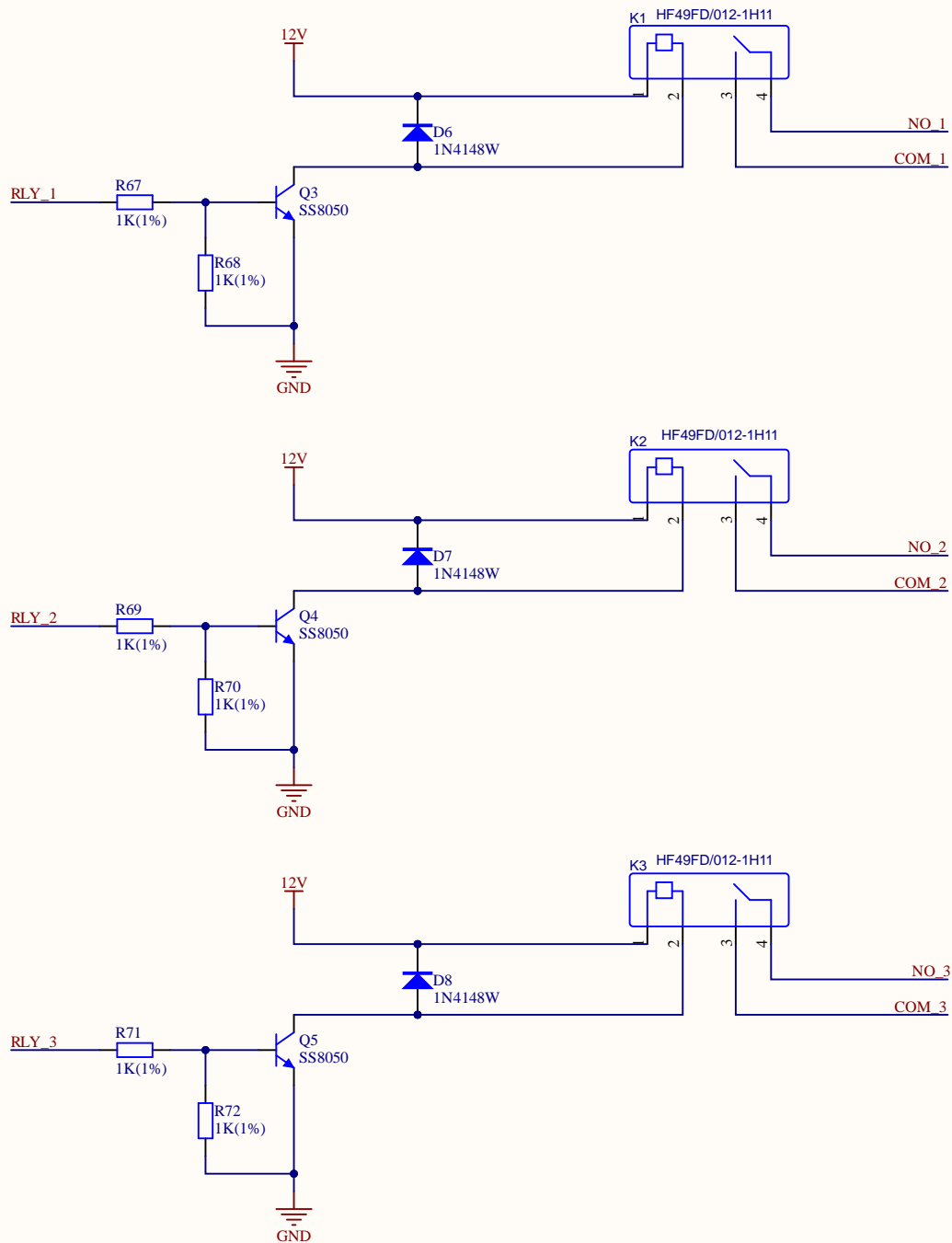


Title		
Size A4	Number	Revision
Date:	3/20/2022	Sheet of
File:	D:\project_22\...\PWM.SchDoc	Drawn By:

Serial



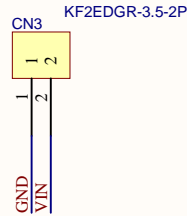
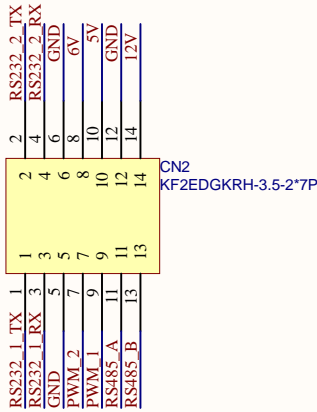
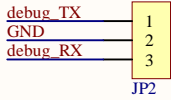
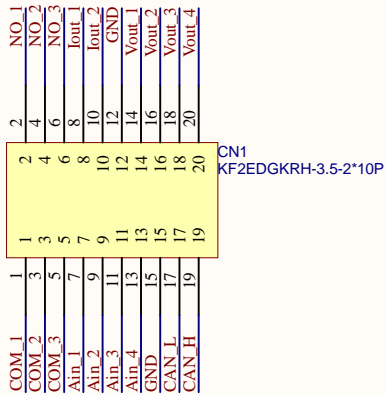
Title		
Size A4	Number	Revision
Date:	3/20/2022	Sheet of
File:	D:\project_22\Serial.SchDoc	Drawn By:



RLY

Title		
Size A4	Number	Revision
Date:	3/20/2022	Sheet of
File:	D:\project_22\...\RLY.SchDoc	Drawn By:

CONN



Title		
Size	Number	Revision
A4		
Date:	3/20/2022	Sheet of
File:	D:\project_22\...\CONN.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	Quantity
0.1uF/25V	无极性贴片电容	C1, C2, C4, C5, C6, C30, C34, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C54	C 0603_L	22
4.7uF/25V	无极性贴片电容	C3, C52	C 0603_L	2
1uF/25V	无极性贴片电容	C7, C23, C24, C26, C27, C32, C36	C 0603_L	7
10nF/25V	无极性贴片电容	C8, C53, C58	C 0603_L	3
10uF/25V	无极性贴片电容	C9, C11, C12, C13, C14, C15, C16, C17, C18, C29, C33, C51, C55	C 0603_L	13
22uF/25V	无极性贴片电容	C10, C25, C28	C 0603_L	3
0.22uF/25V	无极性贴片电容	C19, C20, C21, C22	C 0603_L	4
39nF/25V	无极性贴片电容	C31, C35	C 0603_L	2
18nF/25V	无极性贴片电容	C56, C57	C 0603_L	2
22nF/25V	无极性贴片电容	C59	C 0603_L	1
6.8nF/25V	无极性贴片电容	C60, C61	C 0603_L	2
20nF/25V	无极性贴片电容	C62, C63	C 0603_L	2
4.3pF/25V	无极性贴片电容	C64, C65	C 0603_L	2
KF2EDGKRH-3.5-2*10P	20P 间距P=3.5mm 插拔式接线端子	CN1	CONN-TH_20P-P3.50_KEFA_KF2EDGKRH-3.5-2X10P	1
KF2EDGKRH-3.5-2*7P	14P 间距P=3.5mm 插拔式接线端子	CN2	CONN-TH_14P-P3.50_KEFA_KF2EDGKRH-3.5-2X7P	1
KF2EDGR-3.5-2P	3.5mm 排数:1 每排P数:2 弯针 插拔式接线端子	CN3	CONN-TH_P3.50_KF2EDGR-3.5-2P	1
BS-12-B2AA002	MYOUNG(美阳) 电池底座 适用电池:CR1220	CR1	CR1220_B	1
1N4148	高速开关二极管	D1, D2	SOD-323	2
SS36	肖特基二极管	D3, D4, D5	SMC	3
1N4148W	高速开关二极管	D6, D7, D8	SOD-123	3
SMF11CA	瞬态电压抑制二极管	DR1, DR2, DR3, DR4, DR5, DR6, DR7, DR8, DR9, DR10	SOD-123F	10
100uF/10V	贴片铝电容	E1, E3	CD B(3528)	2
100uF/63V	贴片电解电容	E2, E4, E5, E6	CM F(10*10.2)	4
LM2576HVS-ADJ	DC降压芯片	IC1, IC2, IC3	TO263-5A	3
HDR-113	3P排针	JP1, JP2	HDR2_54-L1-3P	2
HF49FD/012-1H11		K1, K2, K3	RELAY-TH_HF49FD-XXX-1H11-XXX	3
33uH 4A	功率屏蔽电感	L1, L2, L3	L-SMD-1040	3
120R 100MHz 1100mA	磁珠 HM-1M1608-121JT	L4	L 0603	1
2SD882	音频功放-NPN型	Q1, Q2	SOT89_N	2
SS8050	高频放大-NPN型	Q3, Q4, Q5	SOT23-3N	3
10K(1%)(NC)	贴片电阻	R1	R 0603_L	1
10K(1%)	贴片电阻	R2, R45, R51, R59, R62, R73, R74, R75, R76, R77	R 0603_L	10
3.05K(1%)	贴片电阻	R3	R 0603_L	1
1K(1%)	贴片电阻	R4, R6, R8, R9, R14, R15, R20, R21, R26, R27, R32, R67, R68, R69, R70, R71, R72	R 0603_L	17
3.9K(1%)	贴片电阻	R5	R 0603_L	1
9.66K(1%)	贴片电阻	R7	R 0603_L	1
2.4K(1%)	贴片电阻	R10, R11, R16, R17, R22, R23, R28, R29	R 0603_L	8
330R	贴片电阻	R12, R13, R18, R19, R24, R25, R30, R31	R 0603_L	8
100K(1%)	贴片电阻	R33, R36, R39, R42	R 0603_L	4
250R(1%)(NC)	贴片电阻	R34, R37	R 0603_L	2
40.2K(1%)	贴片电阻	R35, R38, R41, R44	R 0603_L	4
250R(1%)	贴片电阻	R40, R43, R48, R54	R 0603_L	4
1M(1%)	贴片电阻	R46, R47, R49, R50, R52, R53, R55, R56, R79	R 0603_L	9
100R	贴片电阻	R57, R58, R60, R61	R 0603_L	4
120R	贴片电阻	R63	R 0603_L	1
4.7K	贴片电阻	R64, R66	R 0603_L	2
120R(NC)	贴片电阻	R65	R 0603_L	1
12.4K(1%)	贴片电阻	R78	R 0603_L	1
49.9R(1%)	贴片电阻	R80, R81, R82, R83	R 0603_L	4
10R(1%)	贴片电阻	R84	R 0603_L	1
470R	贴片电阻	R85, R86	R 0603_L	2
HB911105A	带灯以太网接口	R41	RJ-45A12	1
STM32F103RCT6		U1	LQFP64_10x10_N	1
LM324DR	Quadruple Operational Amplifier	U2, U3, U4	D014_N	3
GP8102S-TC50-EW	GP8102S-TC50-EW	U5, U7	ESOP8_N	2
LM321		U6, U8	SOT23-5N	2
UCC27517ADBVR		U9, U10	SOT23-5N	2
SP3232EEY-L/TR		U12	TSSOP16_N	1
TAJA1050T/CM_118		U13	SOP-8	1
WAX3485ESA		U14	SOP-8	1
SD25016CT1G	spi flash	U15	SOP-8	1
u5500		U16	LQFP48_7X7_N	1
CJT1117B-3.3	三端稳压芯片	V1	SOT223_L	1
8M	4脚4.0M晶振	X1	DSC_3225-4P	1
32.768 kHz	2脚4.0M晶振	X2	DSC_3215-2P	1
25M	4脚4.0M晶振	X3	DSC_3225-4P	1