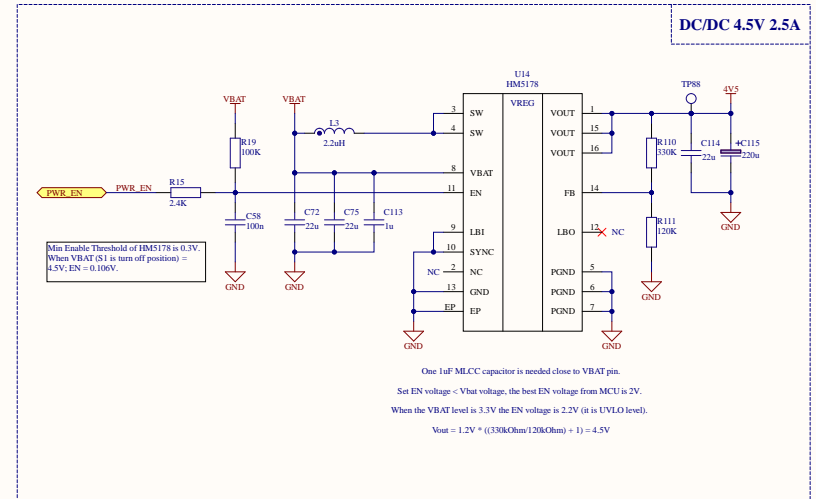
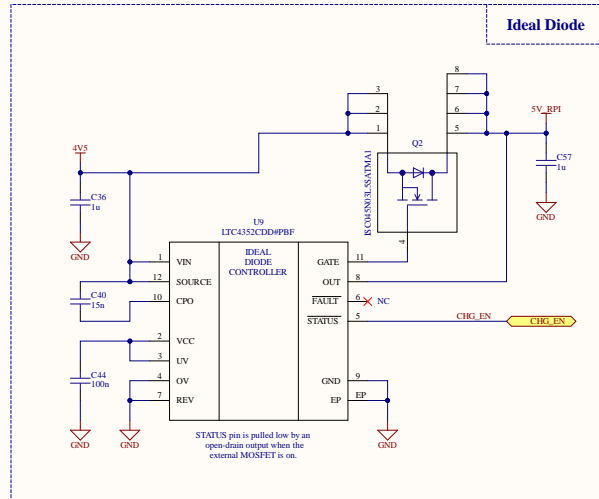
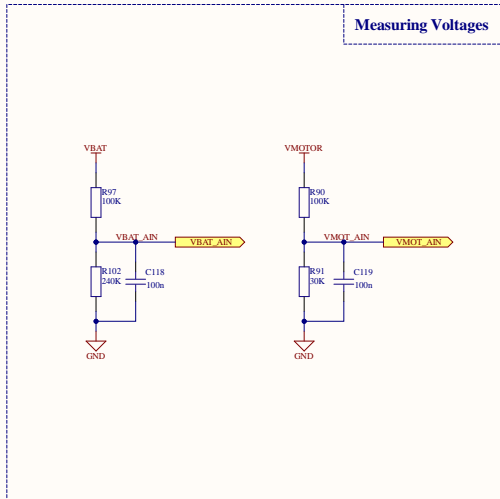
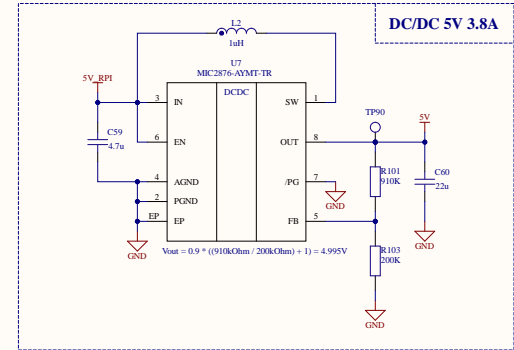
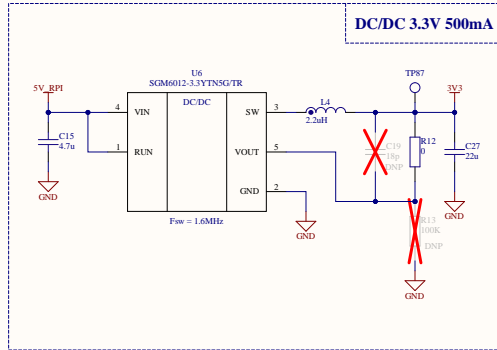
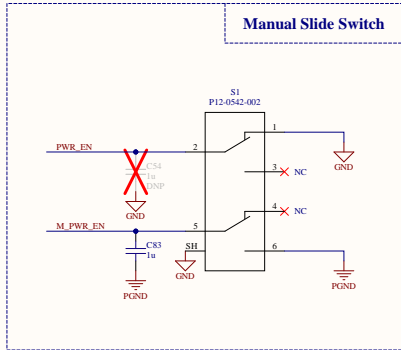
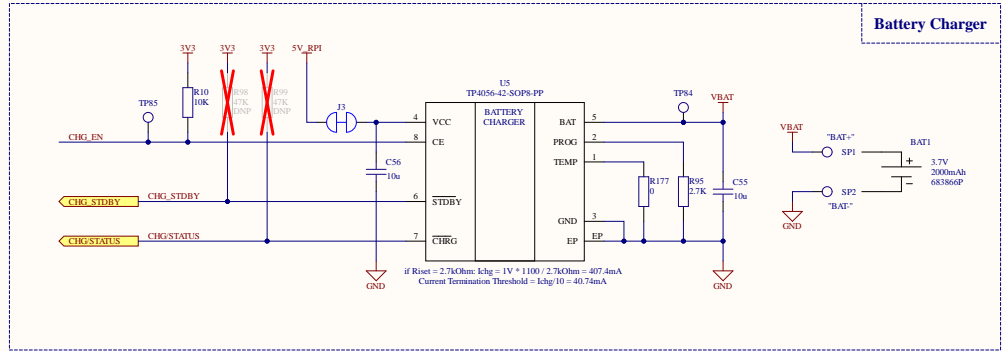
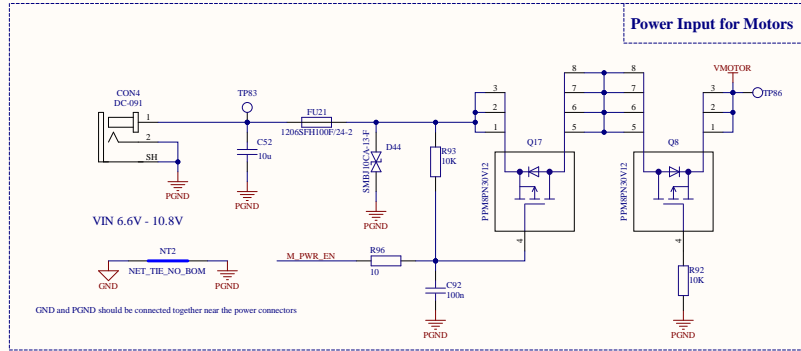
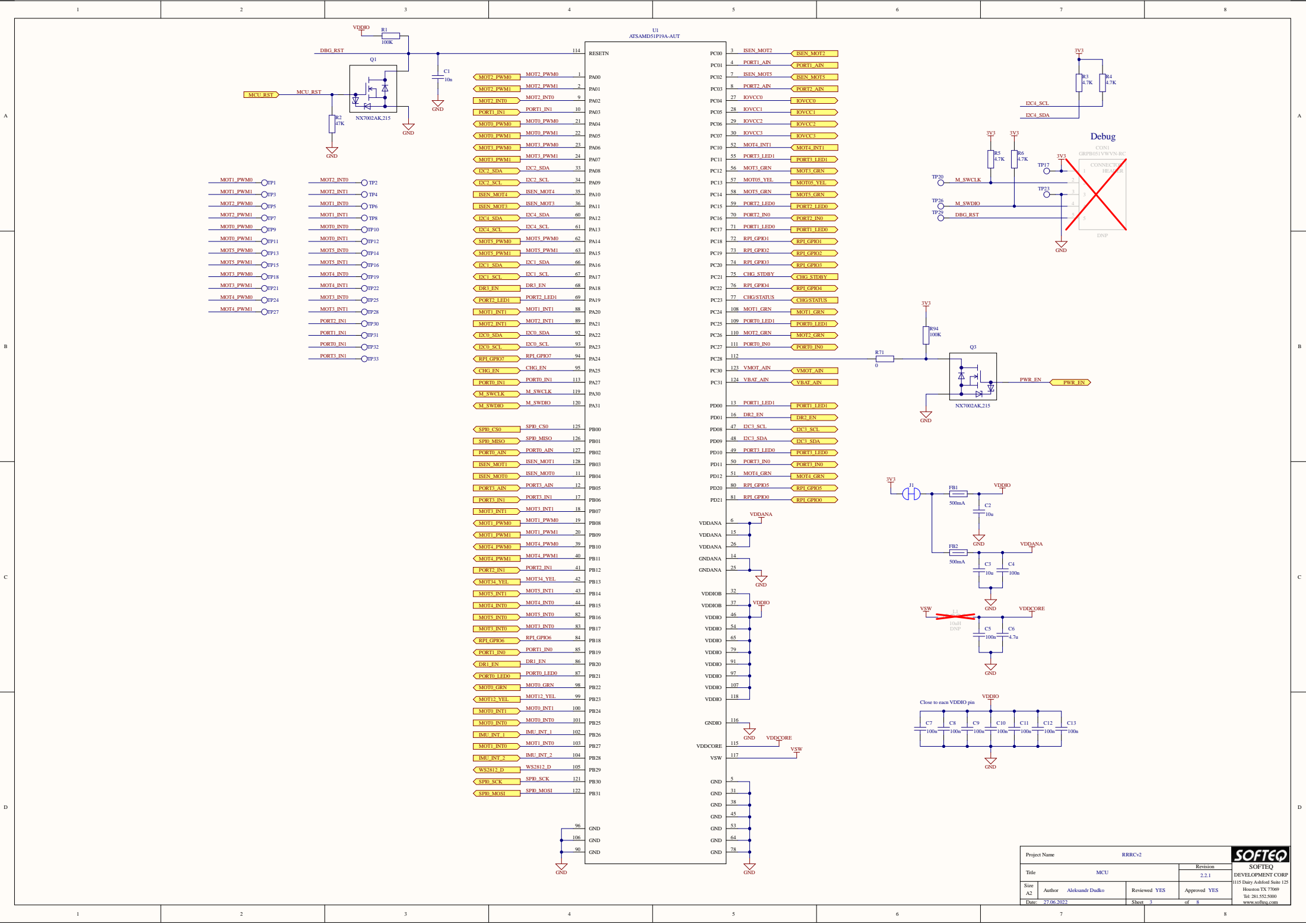


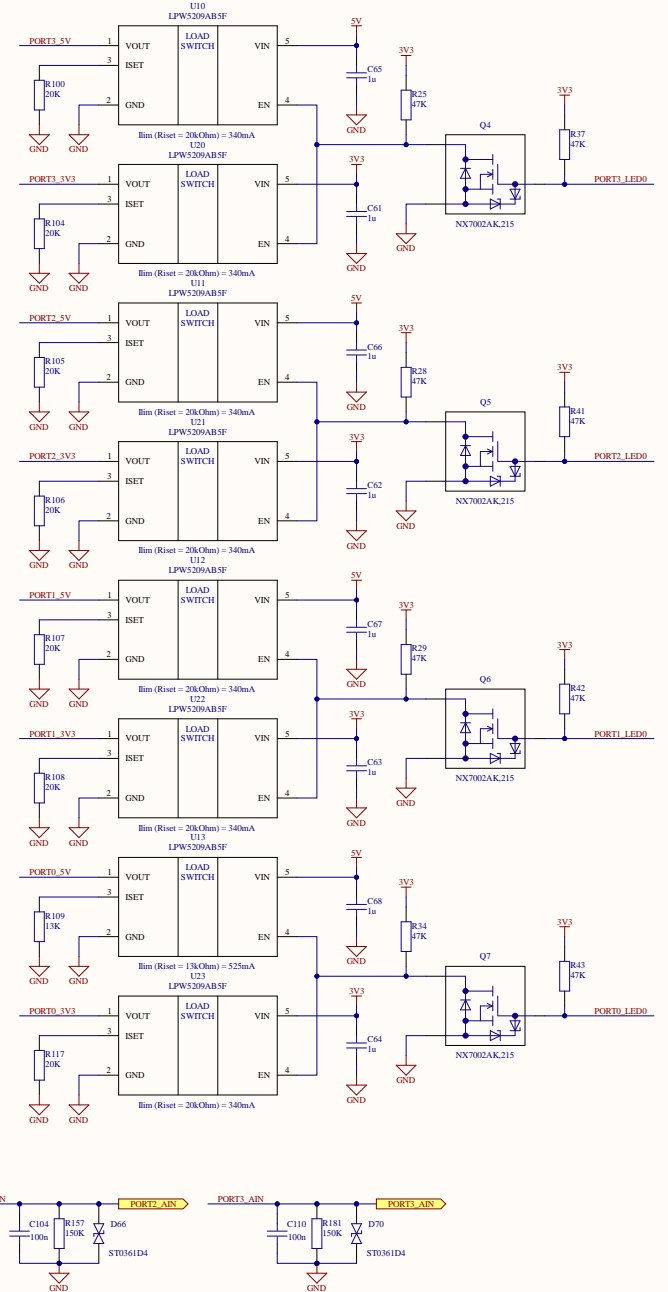
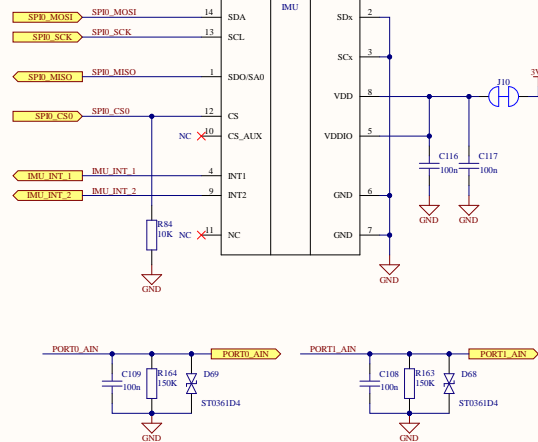
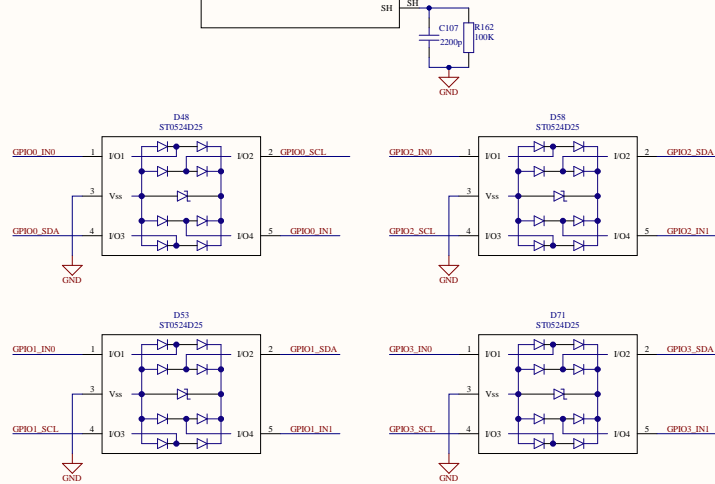
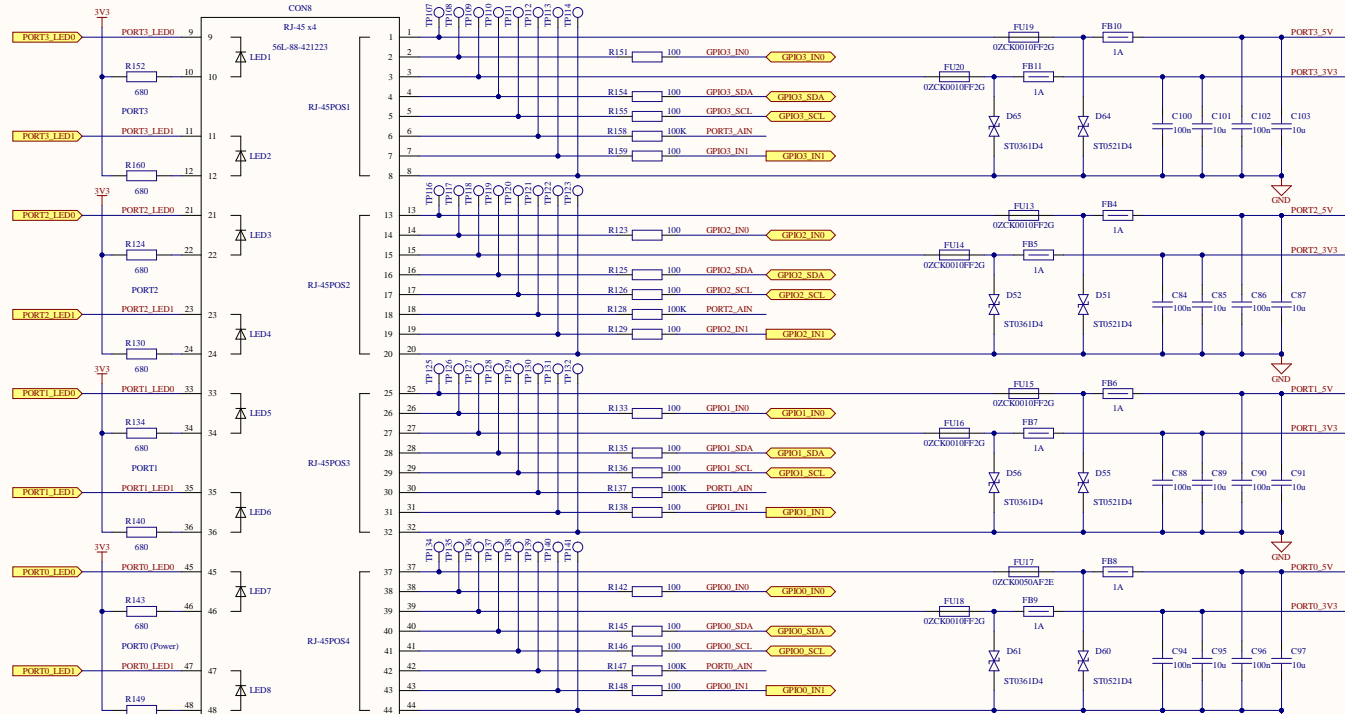
Table of Contents	
Sheetname	Page number
Title	1
Power	2
MCU	3
Sensor Ports	4
Level Shifters	5
Motor Ports	6
RPi Connector	7
Mechanicals	8

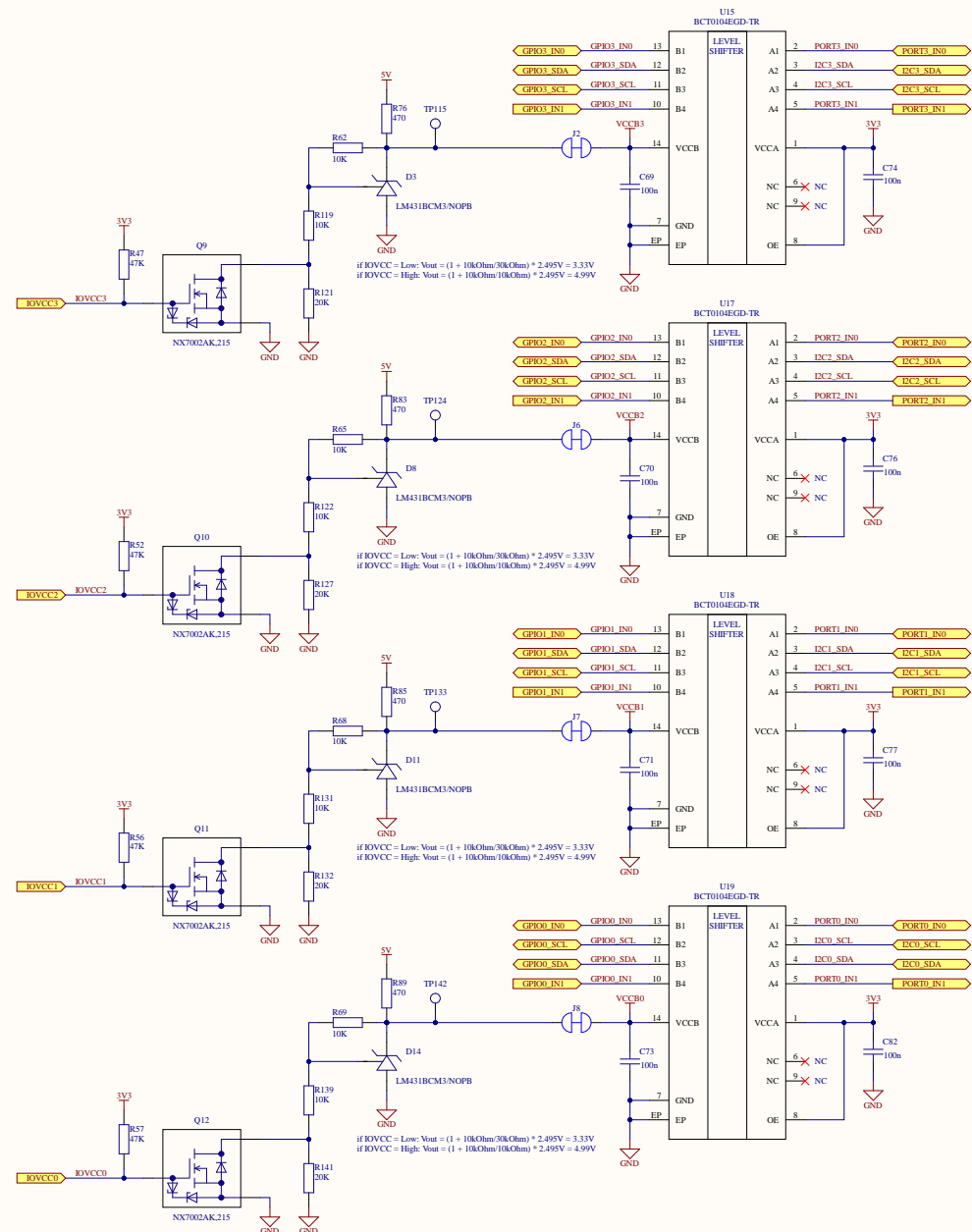
Revision	Date	Change
1.1	08.07.2021	Initial version
2.2	01.06.2022	Some components were changed




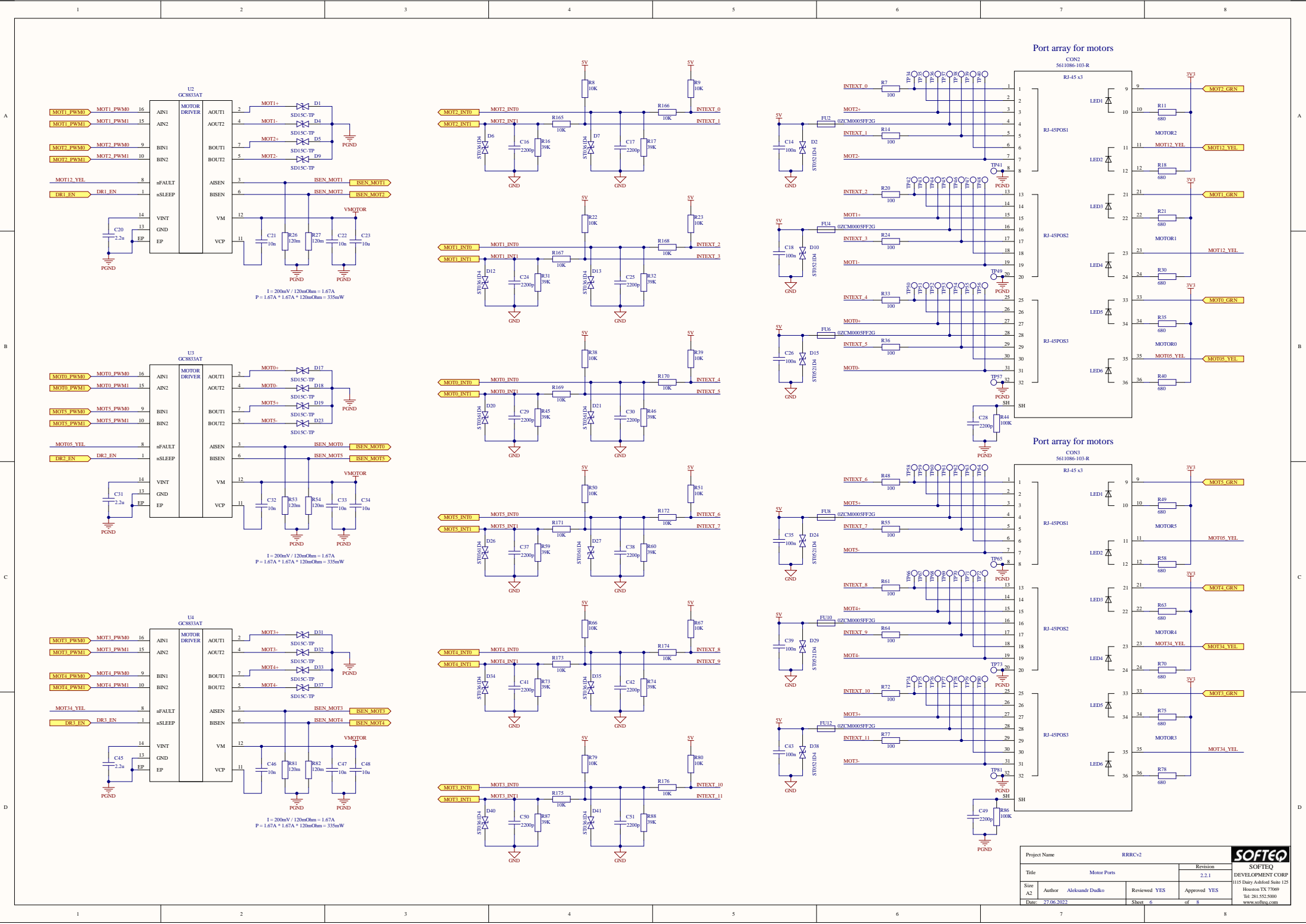


Port array for sensors

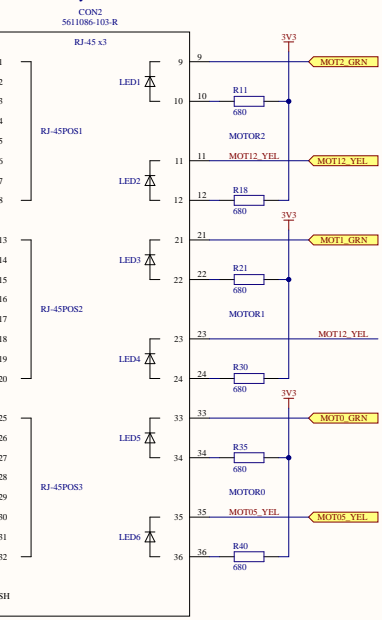




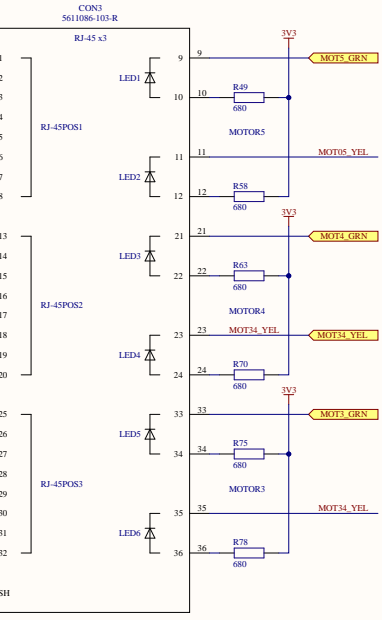
Project Name		RRRCV2		 SOFTeq DEVELOPMENT CORP 1115 Dairy Ashford Suite 125 Houston TX 77069 Tel: 281.552.5000 www.softeq.com	
Title		Level Shifters			Revision 2.2.1
Size	Author	Aleksandr Dudko	Reviewed		Approved
A2			YES		YES
Date:	27.06.2022		Sheet		5 of 8



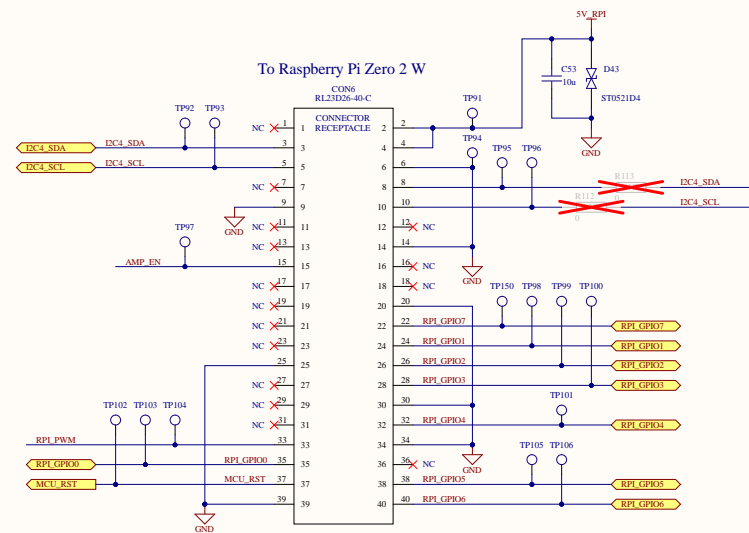
Port array for motors




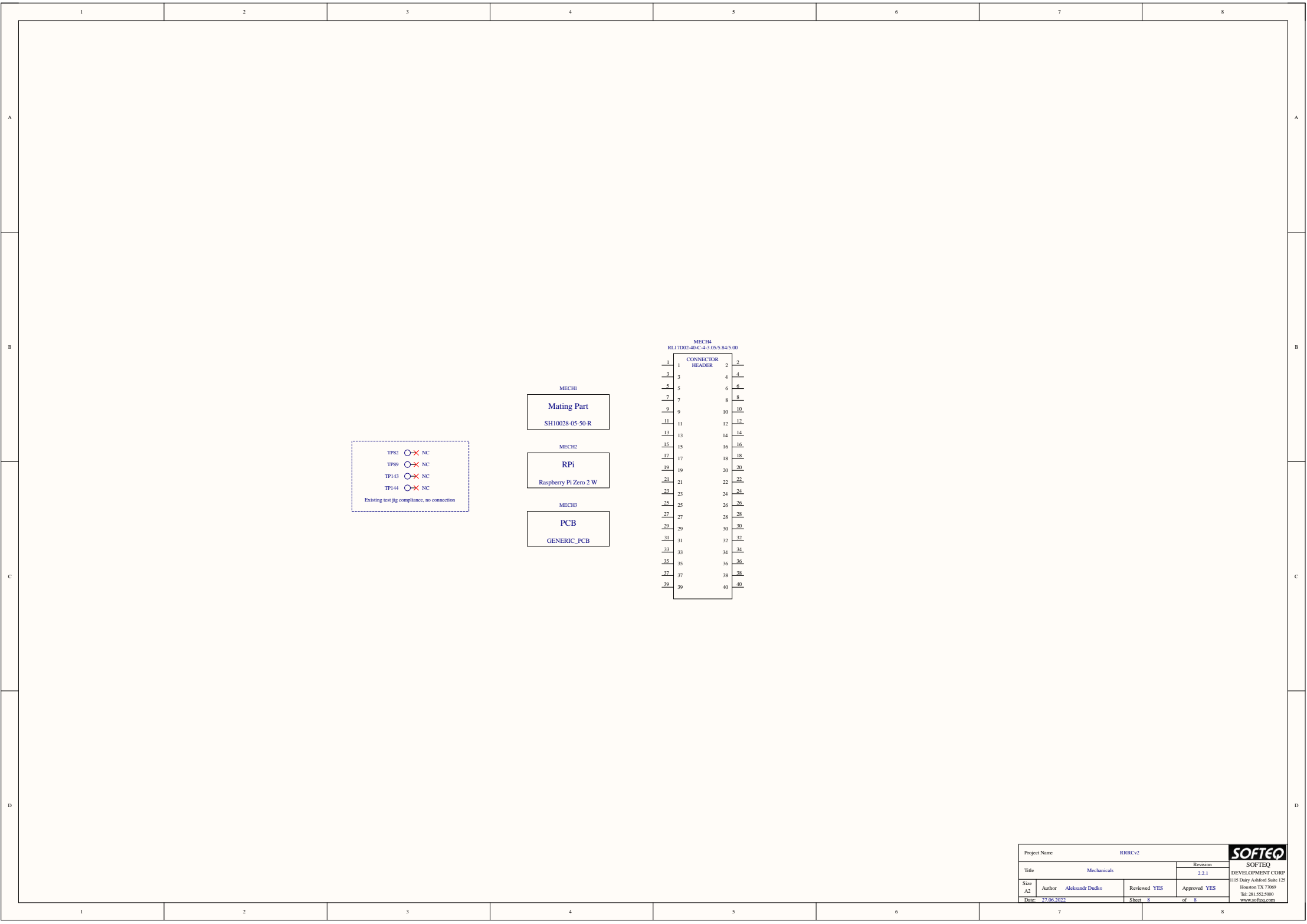
Port array for motors



Project Name		RRRCV2		Revision		2.2.1		SOFTeq	
Title		Motor Ports		Author		Aleksandr Dudko		SOFTEQ DEVELOPMENT CORP	
Size		A2		Reviewed		YES		Houston TX 77069	
Date:		27.06.2022		Sheet		6		of 8	



Project Name				RRRCv2			
Title				RP1 Connector		Revision 2.2.1	
Size	A2	Author	Aleksandr Dudko	Reviewed	YES	Approved	YES
Date:	27.06.2022		Sheet	7	of	8	
						DEVELOPMENT CORP 1115 Darry Ashford Lane #125 Houston TX 77069 Tel: 281.552.5000 www.softeq.com	



Existing test jig compliance, no connection

MECH1

Mating Part

SH10028-05-50-R

MECH2

RPi

Raspberry Pi Zero 2 W

MECH3

PCB

GENERIC_PCB

MECH4

CONNECTOR HEADER

RL17D02-40-C-4-3.05/5.84/5.00

1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40

Project Name

RRRCv2

Revision

2.2.1

Title

Mechanicals

Size

A2

Author

Aleksandr Dudko

Reviewed

YES

Approved

YES

Date

27.06.2022

Sheet

8

of

8

SOFTeq

DEVELOPMENT CORP

1115 Dairy Ashford Suite 125

Houston TX 77069

Tel: 281.552.5000

www.softeq.com