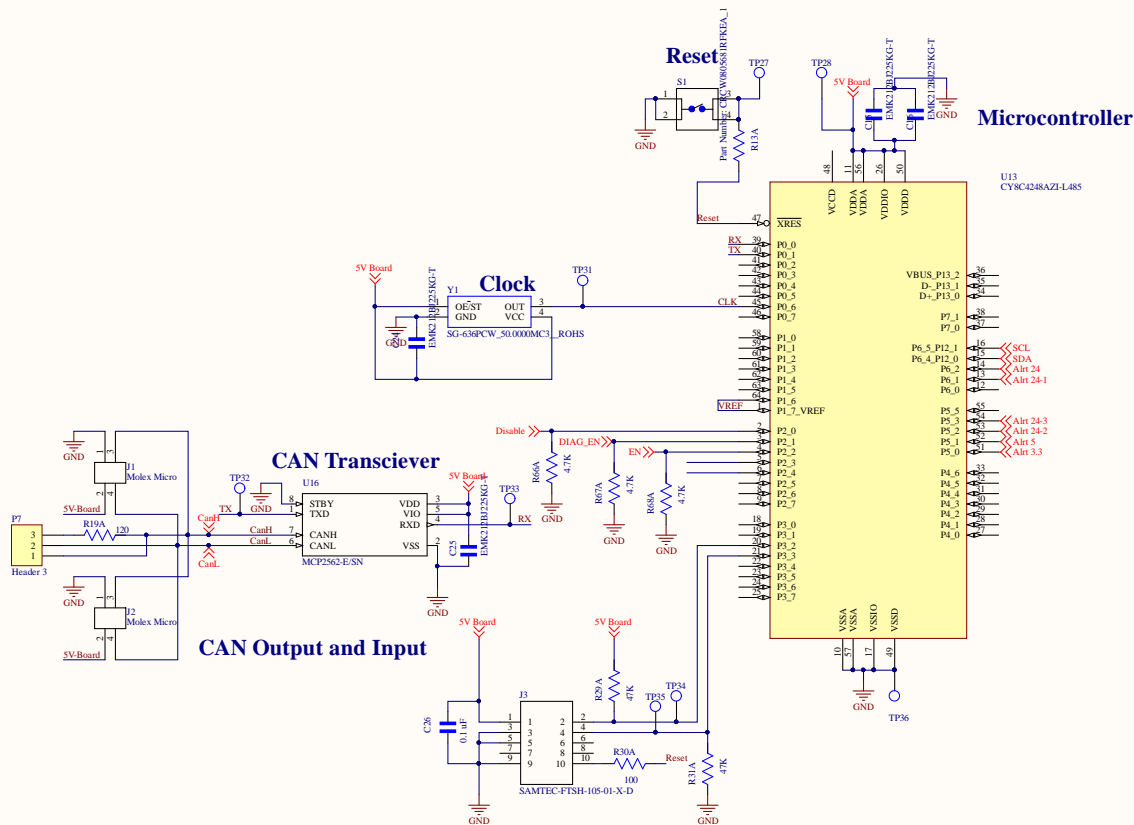
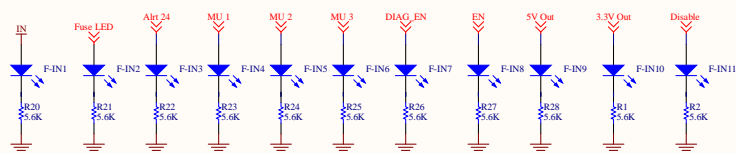
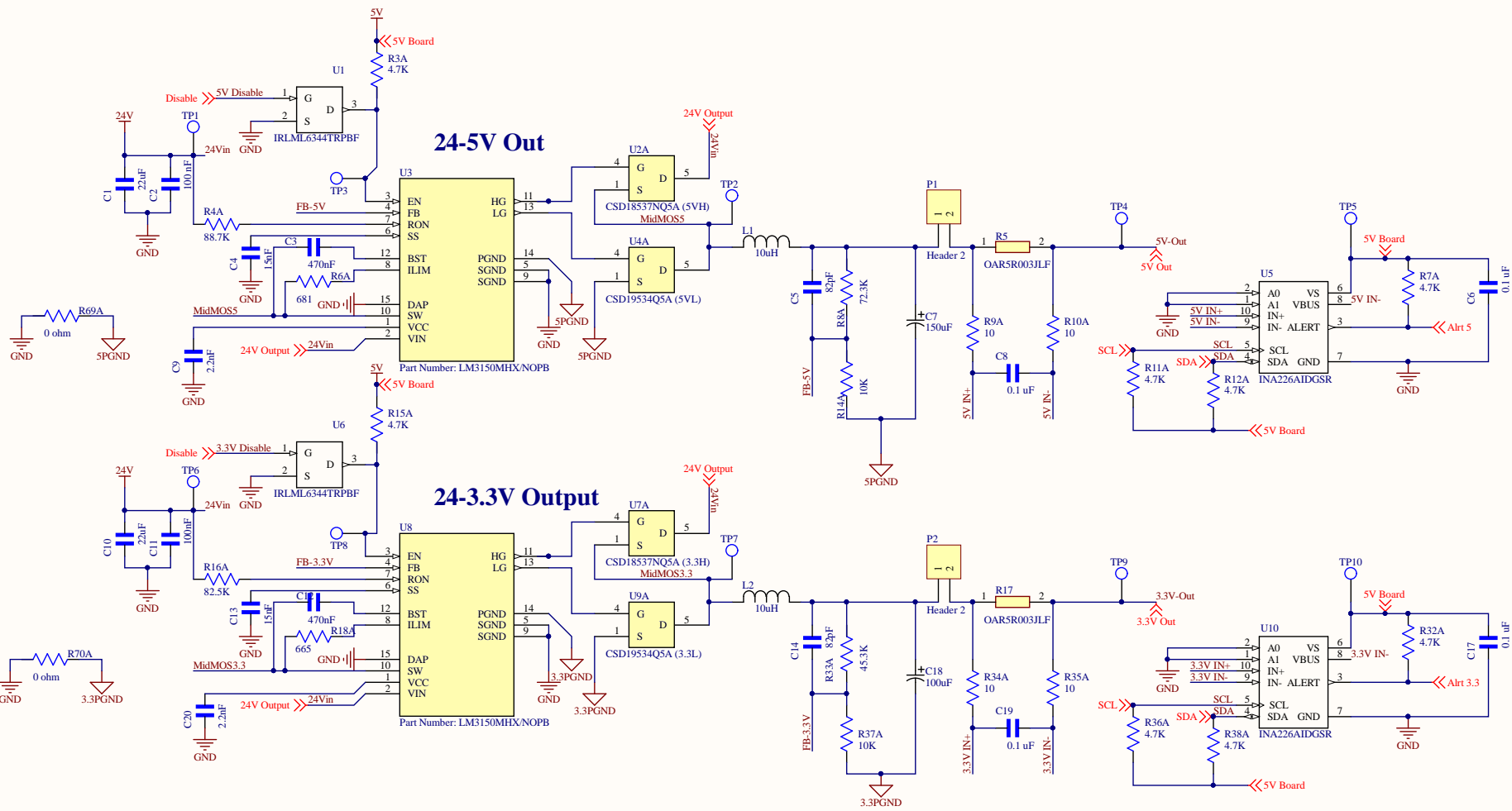


LED Test

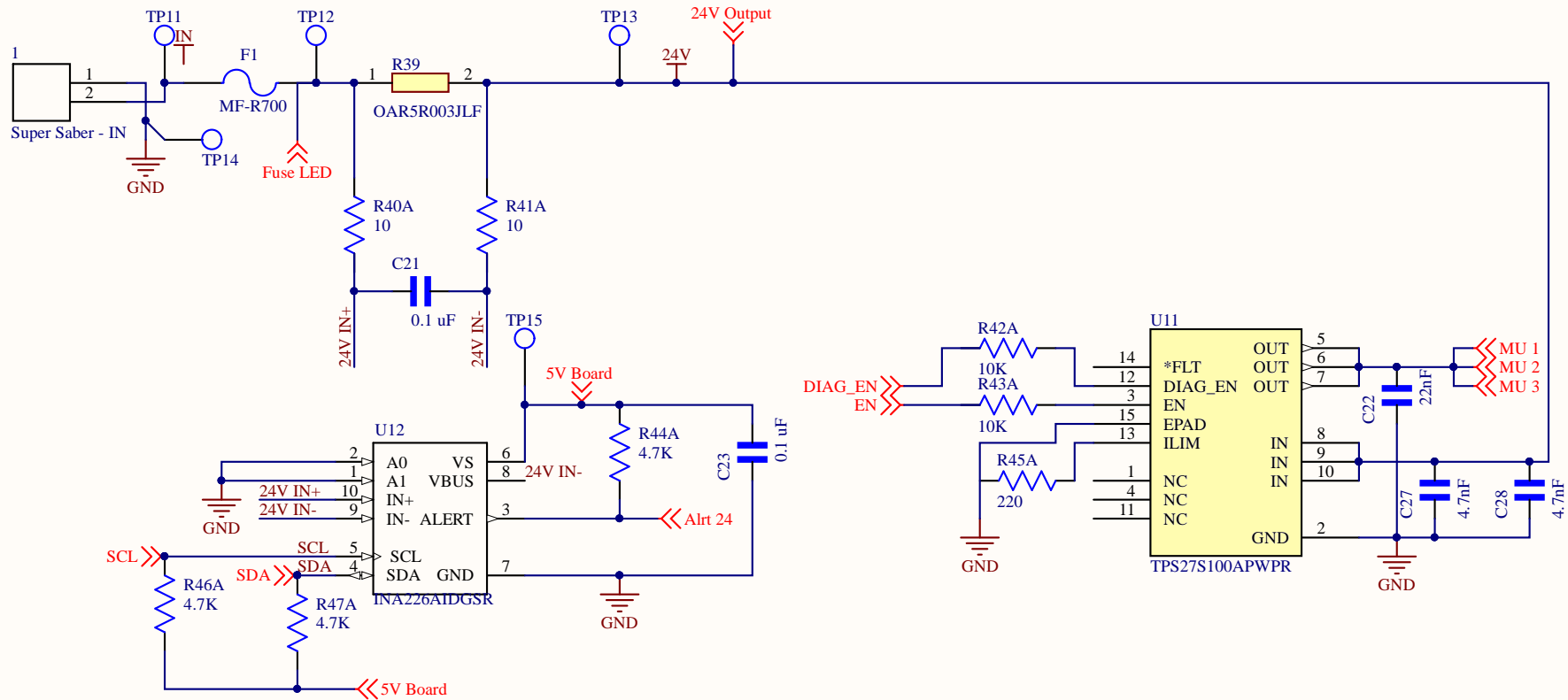


Title		
Size	Number	Revision
Date:	1/13/2020	Sheet 1 of 1
File:	C:\Users\... \Arm Power Distro Board (A1) Schematic By:	

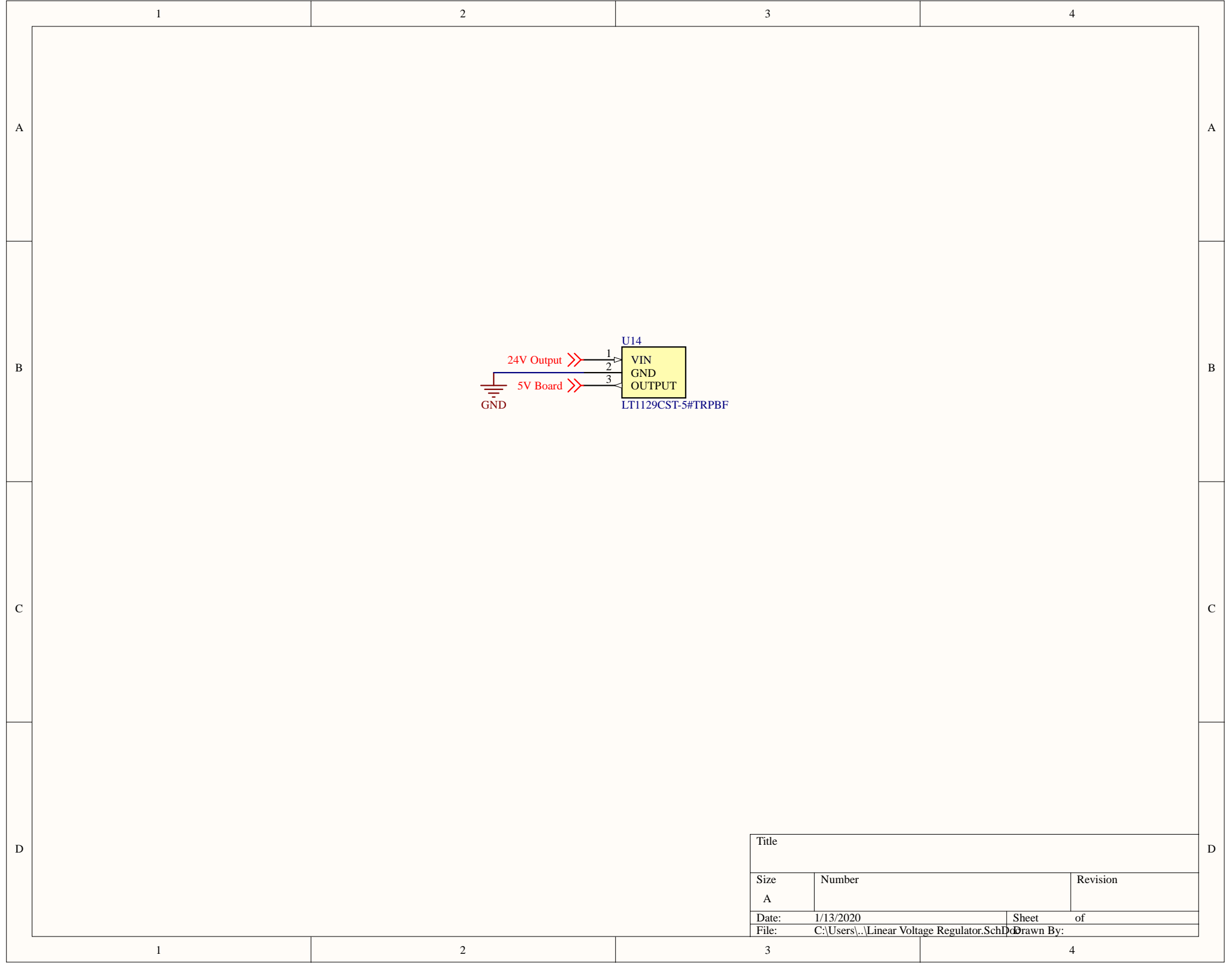


Title		
Size	Number	Revision
B		
Date:	1/13/2020	Sheet of
File:	C:\Users\...DC-DC Converters.SchDoc	Drawn By:

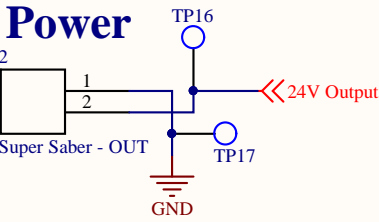
Input Power



Title		
Size	Number	Revision
A		
Date:	1/13/2020	Sheet of
File:	C:\Users\...\Input.SchDoc	Drawn By:



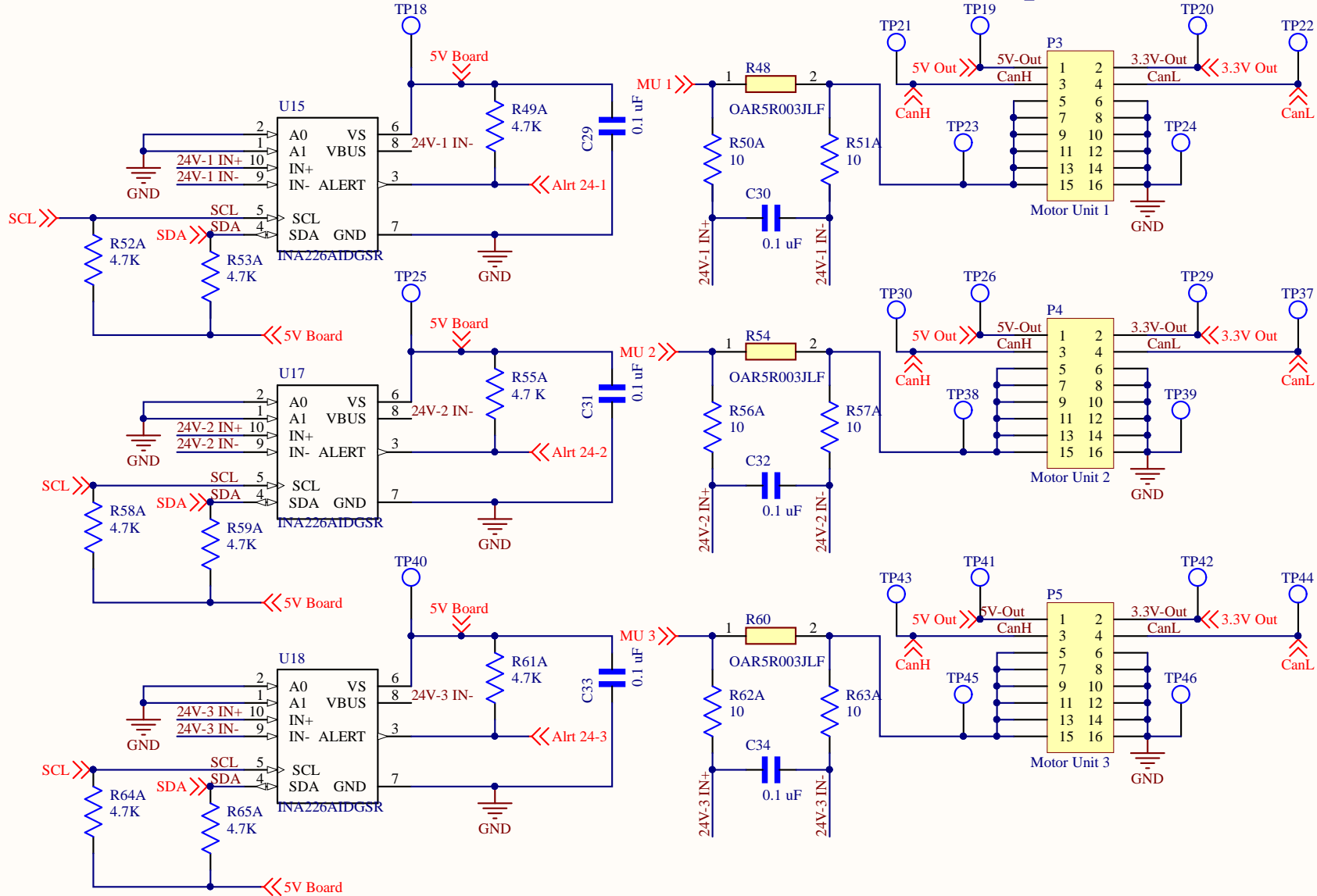
Output Power



Title		
Size	Number	Revision
A		
Date:	1/13/2020	Sheet of
File:	C:\Users\...\Output - 24V.SchDoc	Drawn By:

24V Output Current Sense

Output Power



Title		
Size	Number	Revision
A		
Date:	1/13/2020	Sheet of
File:	C:\Users\...\Output - Motor Units.SchDoc	Drawn By:

TP8 TP7 P2



TP6

C7

-

TP9 TP10

F-IN11

-

R37 R38 R36 C19 R33 R34 R35 C18 C14 C17 R32 U10



TP16
TP17

F-IN10 R22

R21

F-IN9 R20

F-IN8 TP28

U16

F-IN7 TP27
S1



F-IN6

TP33
P7

F-IN5 C16



R19

F-IN4 C15

C25

F-IN3 R13

U13

F-IN2 TP34

TP34

F-IN1 TP31

TP35

R2 Y1

R29
J3



R1 C24

TP36

R28 C24

C26

R27 TP32

R30

R26 R31

R25

R24

R23

R22

R21

R20

R19

R18

R17

R16

R15

R14

R13

R12

R11

R10

R9

R8

R7

R6

R5

R4

R3

R2

R1

R0

R-1

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R-

Comment	Description	Designator	Footprint	LibRef
Super Saber - IN		1	0431600102	Super
Super Saber - OUT		2	0431600102	Super
22uF		C1, C10	*CAPC2012X135N	EMK2
100 nF		C2	*CAPC2012X135N	EMK2
470nF		C3, C12	*CAPC2012X135N	EMK2
15nF		C4, C13	*CAPC2012X135N	EMK2
82pF		C5, C14	*CAPC2012X135N	EMK2
0.1 uF		C6, C8, C17, C19, C20	*CAPC2012X135N	EMK2
150uF	No Description Available	C7	PCAP_TPE_B2	6TPE1
2.2nF		C9, C20	*CAPC2012X135N	EMK2
100nF		C11	*CAPC2012X135N	EMK2
EMK212BJ225KG-T		C15, C16, C24, C25	*CAPC2012X135N	EMK2
100uF	No Description Available	C18	PCAP_TPE_B2	6TPE1
22nF		C22	*CAPC2012X135N	EMK2
4.7nF		C27, C28	*CAPC2012X135N	EMK2
MF-R700	Fuse	F1	*2920_FLSE	Fuse 2
150060VS75000	SMD mono-color Chip	F-IN1, F-IN2, F-IN3,	0603_A	CMP-1
Molex Micro	Molex micro-fit 3.0, P	J1, J2	0430450427	Molex
SAMTEC-FTSH-105-01-X-D		J3	SAMTEC-FTSH-105-01-X-D	SAMT
10uH	No Description Available	L1, L2	IND_BOURNS_SRP12	SRP12
Header 2	Header, 2-Pin	P1, P2	HDR1X2	Header
Motor Unit 1	Header, 8-Pin, Dual r	P3	HDR2X8	Header
Motor Unit 2	Header, 8-Pin, Dual r	P4	HDR2X8	Header
Motor Unit 3	Header, 8-Pin, Dual r	P5	HDR2X8	Header
Header 3	Header, 3-Pin	P7	HDR1X3	Header
5.6K	RES SMD 36K OHM 1	R1, R2, R20, R21, R22	RESC2013X60X35ML	CMP-2
4.7K	No Description Available	R3, R7, R11, R12, R13	RC0805N	CRCW
88.7K	No Description Available	R4	RC0805N	CRCW
OAR5R003JLF	Resistor	R5, R17, R39, R48, R49	OAR5R003JLF	OAR5
681	No Description Available	R6	RC0805N	CRCW
72.3K	No Description Available	R8	RC0805N	CRCW
10	No Description Available	R9, R10, R34, R35, R36	RC0805N	CRCW
Part Number : CRCW	No Description Available	R13	RC0805N	CRCW
10K	No Description Available	R14, R37, R42, R43	RC0805N	CRCW
82.5K	No Description Available	R16	RC0805N	CRCW
665	No Description Available	R18	RC0805N	CRCW
120	No Description Available	R19	RC0805N	CRCW
47K	No Description Available	R29, R31	RC0805N	CRCW
100	No Description Available	R30	RC0805N	CRCW
45.3K	No Description Available	R33	RC0805N	CRCW
220	No Description Available	R45	RC0805N	CRCW