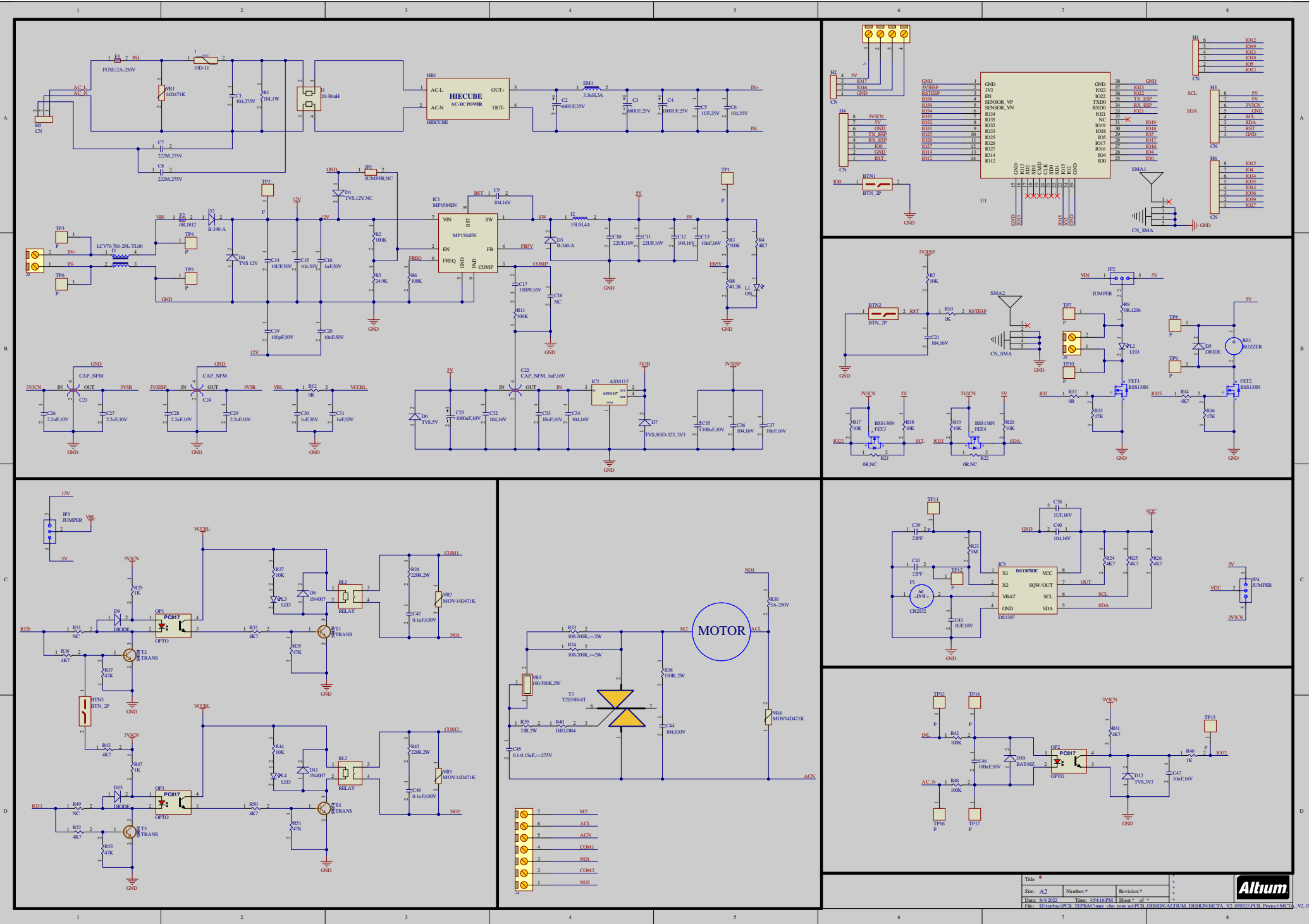
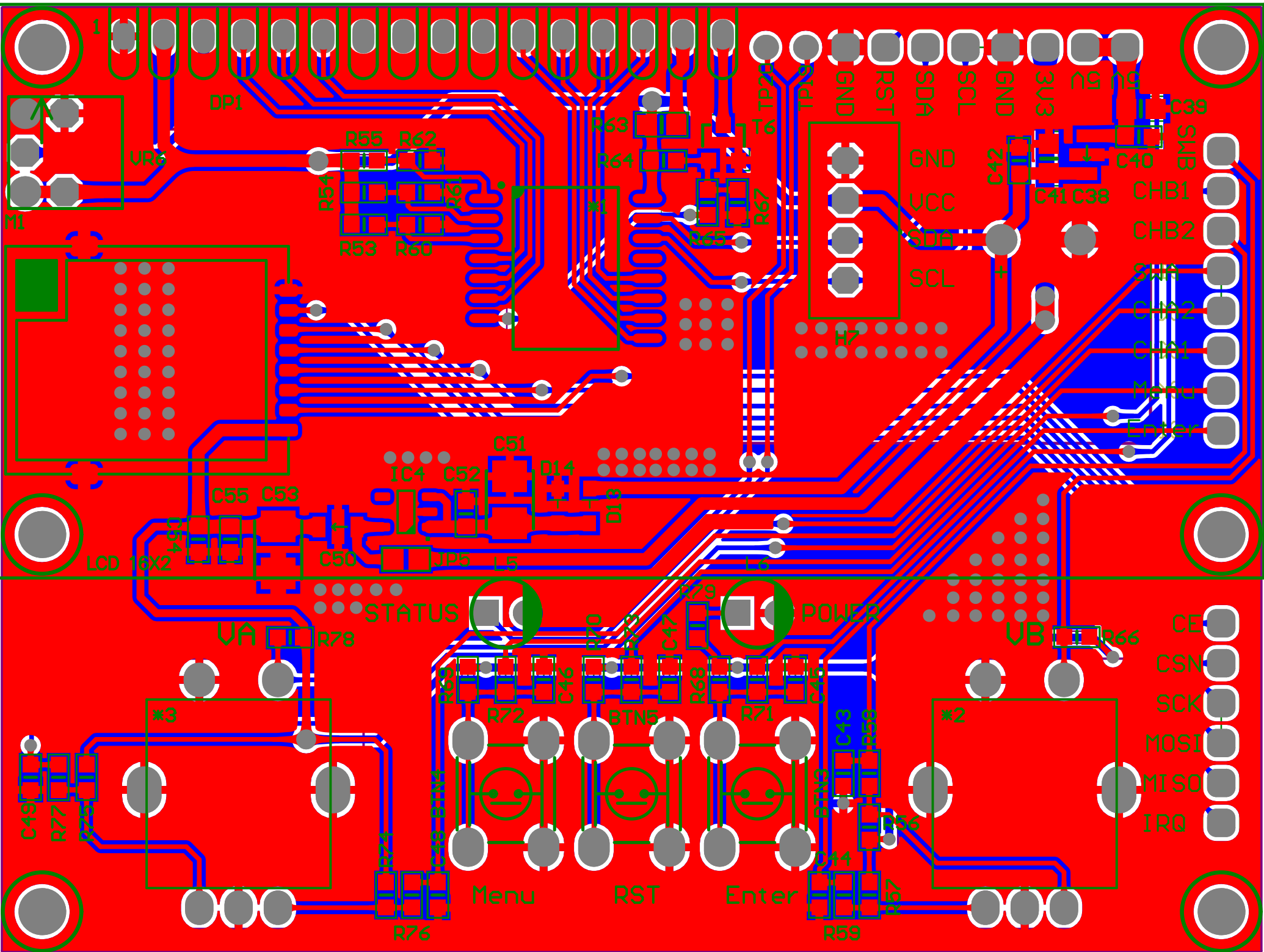
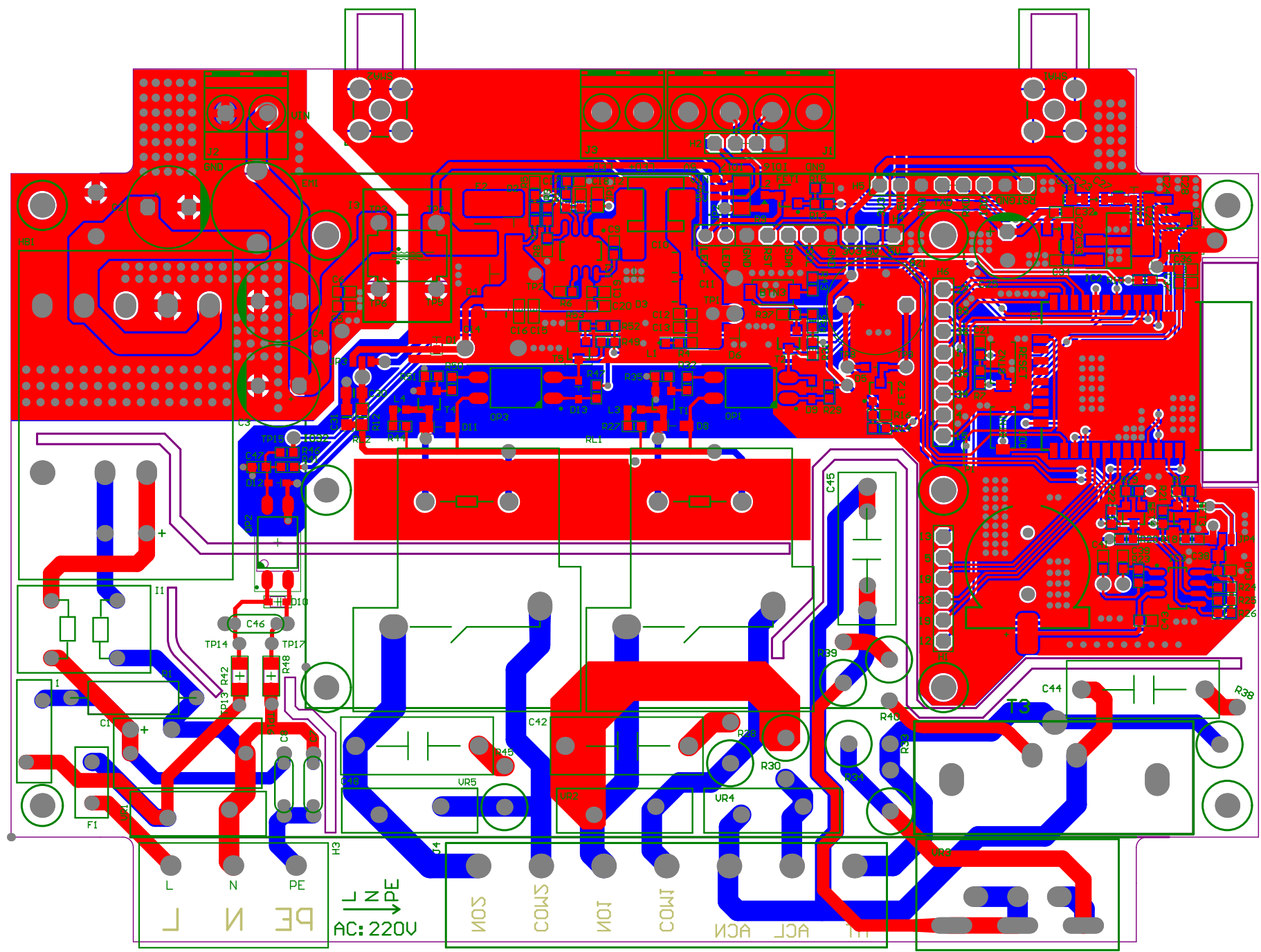


1		2		3		4	
A							A
B							B
C							C
D							D
1		2		3		4	

Title		
Size A	Number	Revision
Date: 8/04/2022	Sheet of	
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Comment	Description	Designator	Equipment	Refid	Quantity
IC28074		T1	SO16	IC28074	
IC_11		T2_T3	IC_11	IC_11	
IC0_11		T	NIC10011	NIC	1
BTN_2P		BTN1, BTN2, BTN3	SMO2	BTN_2P	1
BU110N		BTN4, BTN5, BTN6	MAX9845	BU10P	1
BU201		B01	BU201-01	BU200-01	1
104.270V		C1	CAP GOLD 04P	CAPACITOR	
1000UF 25V		C2, C3	CAP POL 04P	CAP ALU	1
1000UF 25V		C4	CAP POL 04P	CAP ALU	1
10F 25V		C5	cap-smd 0603	CAPACITOR	
10F 25V		C6	cap-smd 0603	CAPACITOR	
220M 2.5V		C7, C8	CAP CER AC	CAPACITOR	1
104.16V		C9, C12, C17, C18, C19, C26, C37, C38, C43, C46	cap-smd 0603	CAPACITOR	13
22UF 16V		C10, C11	CAP SMD 1210	CAPACITOR	
100F 16V		C13, C17, C47, C53, C56	cap-smd 0603	CAPACITOR	1
100F 50V		C14	CAP SMD 1210	CAPACITOR	1
104.50V		C16	cap-smd 0603	CAPACITOR	
10F 50V		C18	cap-smd 0603	CAPACITOR	
100PF 10V		C17	cap-smd 0603	CAPACITOR	
10F		C19	cap-smd 0603	CAPACITOR	
100pf 50V		C19	cap-smd 0603	CAPACITOR	
10pf 50V		C20	cap-smd 0603	CAPACITOR	
CAP 10M, 10F, 10V		C22	NP1M21PC1001A30	CAP 10M	1
CAP 10M		C23, C24, C49, C51	NP1M21PC1001A30	CAP 10M	1
1000uf 10V		C25	CAP 430, 50MM	CAP ALU	1
2.2uf 10V		C26, C27, C28, C29	cap-smd 0805	CAPACITOR	1
10F 50V		C30, C31	cap-smd 0805	CAPACITOR	1
100F 10V		C32	cap-smd 0805	CAPACITOR	
100uf 10V		C35, C32, C34	CAP TAN, B	CAP TAN	
10F 16V		C38, C35, C32	cap-smd 0805	CAPACITOR	1
C2P		C39, C41	cap-smd 0603	CAPACITOR	
0.1uf 6.3V		C42, C48	CAP CER	CAPACITOR	1
104.16V		C43	cap-smd 0603	CAPACITOR	
104.50V		C44	CAP CER	CAPACITOR	
0.1 0.1uf --275V		C45	CAP CER	CAPACITOR	
100uf 50V		C46	CAP CER AC	CAPACITOR	
10F 25V		C54, C55, C59, C60	cap-smd 0603	CAPACITOR	1
TVS 12V, NC		D01	DIODE_SMD_S00_32	DIODE	1
1k 340 A		D02, D03	diode-smd_D0_214A	DIODE	1
TVS 12V		D4	diode-smd_D0_214A	DIODE	1
DIODE		D5, D9, D13	DIODE_SMD_S00_32	DIODE	1
TVS 5V		D6	diode-smd_D0_214A	DIODE	1
TVS S00-323, 3V2		D7	DIODE_SMD_S00_32	DIODE	1
W4007		D8, D11	DIODE_SMD_S00_32	DIODE	1
BAT482		D10	DIODE_SMD_S00_32	DIODE	1
TVS 3V3		D12	DIODE_SMD_S00_32	DIODE	1
S00-323		D14	DIODE_SMD_S00_32	DIODE	1
TVS S00-323		D15	DIODE_SMD_S00_32	DIODE	1
IC210A002		D201	IC210A002	IC210A002	
1.3uA 5A		F0M1	ELM FILTER	ELM FILTER	
10F8 2A-250V		F1	FAN2A	F108	
10F 10V		F2	10uf, 10V	F10	
80S138N		F11, F12, F13, F14	80S138_N	80S138_TYF_N	1
CH		G01	ANOTIP_C_1	840TP	
CH		G2	ANOTIP_T	840TP	
CH		G3, G6	ANOTIP_C_1	840TP	
CH		G4, G7, G8	ANOTIP_T	840TP	
CH		G9	KF762_3P	340TP	
CH		G10	UP 11-240MM	840TP	
CH		G19	ANOTIP_1	840TP	
RECUBE		H01	RECUBE 12VDC	RE_12VDC	
20 30mm		I1	IN FILTER	IN FILTER	
150A 4A		INDUCTION		INDUCTION	
ICV70 701 2P4, 1100		J	ICV70 701 2P4, 1100	JELER 3M CHOKES	1
NP1000N		J2	NP1000N 1P, 2	NP1000N 1P, 2	
ADM1117		J22	ADM1117	ADM1117	
ADM117		J23	ADM117	ADM117	
MR611C3M5G-N		J24	MR611C3M5G-N	MR611C3M5G-N	
CONN_T84	CONN_TERMINAL BLOCK, 5, 0.8mm pitch	J1	P_T8G_4	T84 GREEN	1
CONN_T82	CONN_TERMINAL BLOCK, 5, 0.8mm pitch	J2, J3	P_T8G_2	T82 GREEN	1
CONN_T87	CONN_TERMINAL BLOCK, 5, 0.8mm pitch	J4	BR762_3P	T87 GREEN	1
JUMPER NC		J5, J6	40P POWER	JP POWER	1
JUMPER		J7, J2, J3, J4	LUMP 2P	JP 2P	1
ON		J1	Res 0603 Blue	LED	
LED		J2, J3, J4	Res 0603 Blue	LED	
LED		J5, J6	LED, SMD, DIP	LED	
IC1_250M275X		J81	IC1_250M275X	IC1_250M275X	
IC10		J91, J92, J93	IC101-SMD	IC101	
IC1012		J1	IC1012	IC1012	
104.1V	TYPE DIP & SMD	J1	R DIP 10P	RESISTOR	
10K	resistor	J2, R6, R11	0603, R_1	RESISTOR	
10K	resistor	J3	0603, R_1	RESISTOR	
4K7	resistor, TYPE DIP & SMD	J6, R14, R24, R25, R36, R32, R36, R41, R43, R50, R52, R65	0603, R_1	RESISTOR	12
14 9K	resistor	J7, R17, R18, R19, R20, R27, R44, R54, R55, R56, R57, R58, R67, R69, R70, R71, R75, R76, R79, R85, R8	0603, R_1	RESISTOR	
10K	resistor, TYPE DIP & SMD	J82, R20, R44, R54, R55, R56, R57, R58, R67, R69, R70, R71, R75, R76, R79, R85, R8	0603, R_1	RESISTOR	20
40.2K	resistor	J83	0603, R_1	RESISTOR	
1K 1206	TYPE DIP & SMD	J85	1206, R_1	RESISTOR	
1K	resistor, TYPE DIP & SMD	J89, R60, R72, R73, R74, R77, R78	0603, R_1	RESISTOR	11
3K	TYPE DIP & SMD	J12, R64	0603, R_1	RESISTOR	1
3K	TYPE DIP & SMD	J13	0603, R_1	RESISTOR	
47K	TYPE DIP & SMD	J15, R16, R35, R37	0603, R_1	RESISTOR	
47K	resistor	J51, R53, R68	0603, R_1	RESISTOR	
9K10C	resistor	J17, R22, R61, R62, R63	0603, R_1	RESISTOR	1
1M	resistor	J23	0603, R_1	RESISTOR	
220R 2W	TYPE DIP & SMD	J23, R65	RC2W, B	RESISTOR	
5K 250V	TYPE DIP & SMD	J30	RC2W, B	RESISTOR	1
1M	TYPE DIP & SMD	J31, R69	0603, R_1	RESISTOR	1
100 200K--2W	TYPE DIP & SMD	J33, R38	RC2W, B	RESISTOR	1
100R 2W	TYPE DIP & SMD	J38	RC2W, B	RESISTOR	1
100R 2W	TYPE DIP & SMD	J39	RC2W, B	RESISTOR	1
100R 2W	TYPE DIP & SMD	J40	RC2W, B	RESISTOR	1
10K	TYPE DIP & SMD	J42, R68	1206, R_1	RESISTOR	1
10 10K	resistor	J46	0603, R_1	RESISTOR	
RELAY		RL1, RL2	RELAY SINGLE 20A	RELAY20V	
CH 30A		S061, S0A2	S0A, 072100174	CH 30A	
TRANS		T1, T2, T4, T5, T6	TRANS	TRANS	1
12035H-8T	TRIAC 10-250V	T3	12035H-8T	12035H-8T	
P		TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19	TP	TP	14
SP12 WROOM 32	ESP32	U1	ESP32 WROOM 32D	SP12 WROOM 32	
140471K		U01	VARISTOR	820V	
MOV 100V1K		U02, U03	VARISTOR	820V	
100 500K 2W	DR	U04	RV247N25	DRP	
MOV140471K		U05	VARISTOR	820V	
DR	DR	U06	150VDP	DRP	