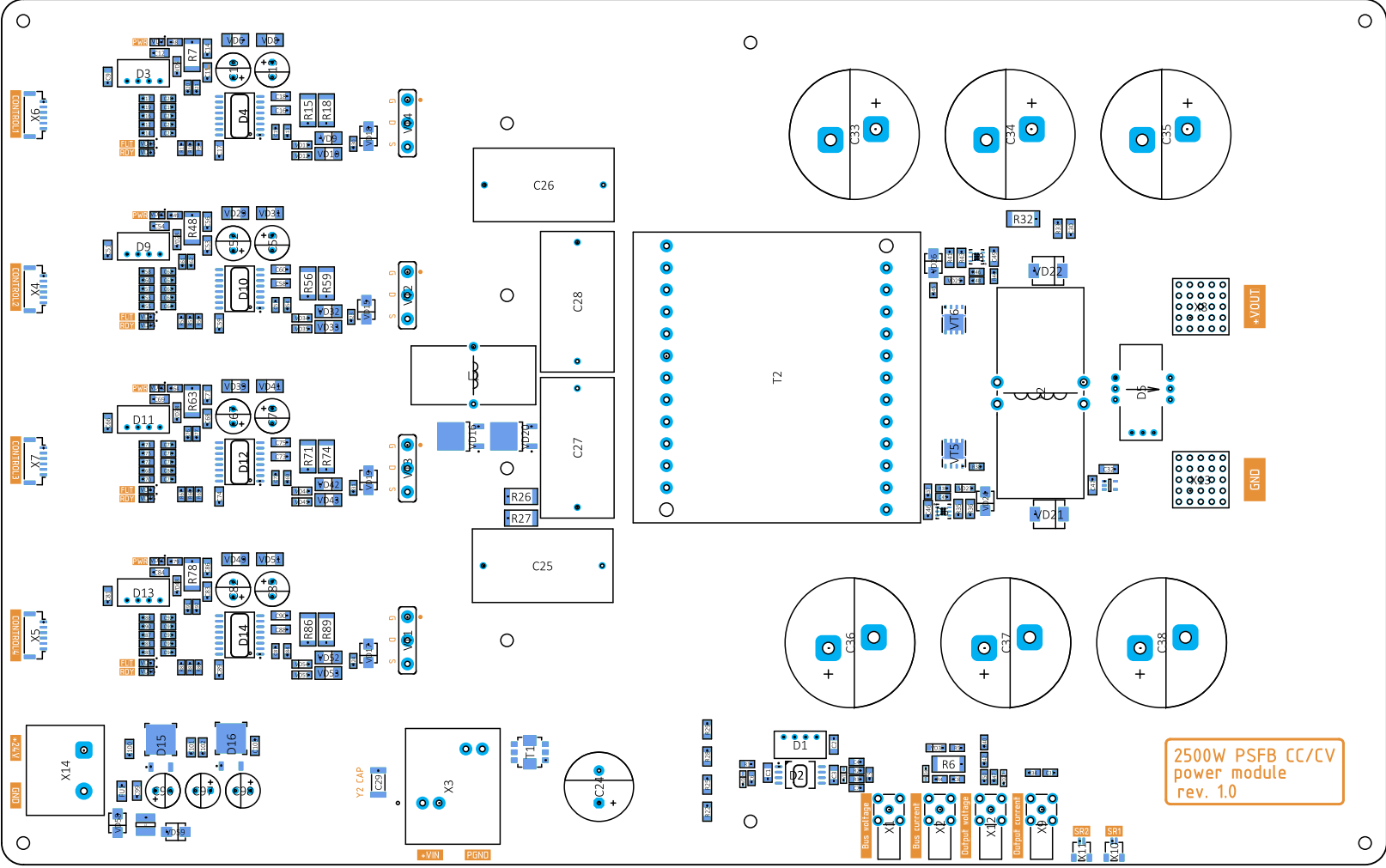
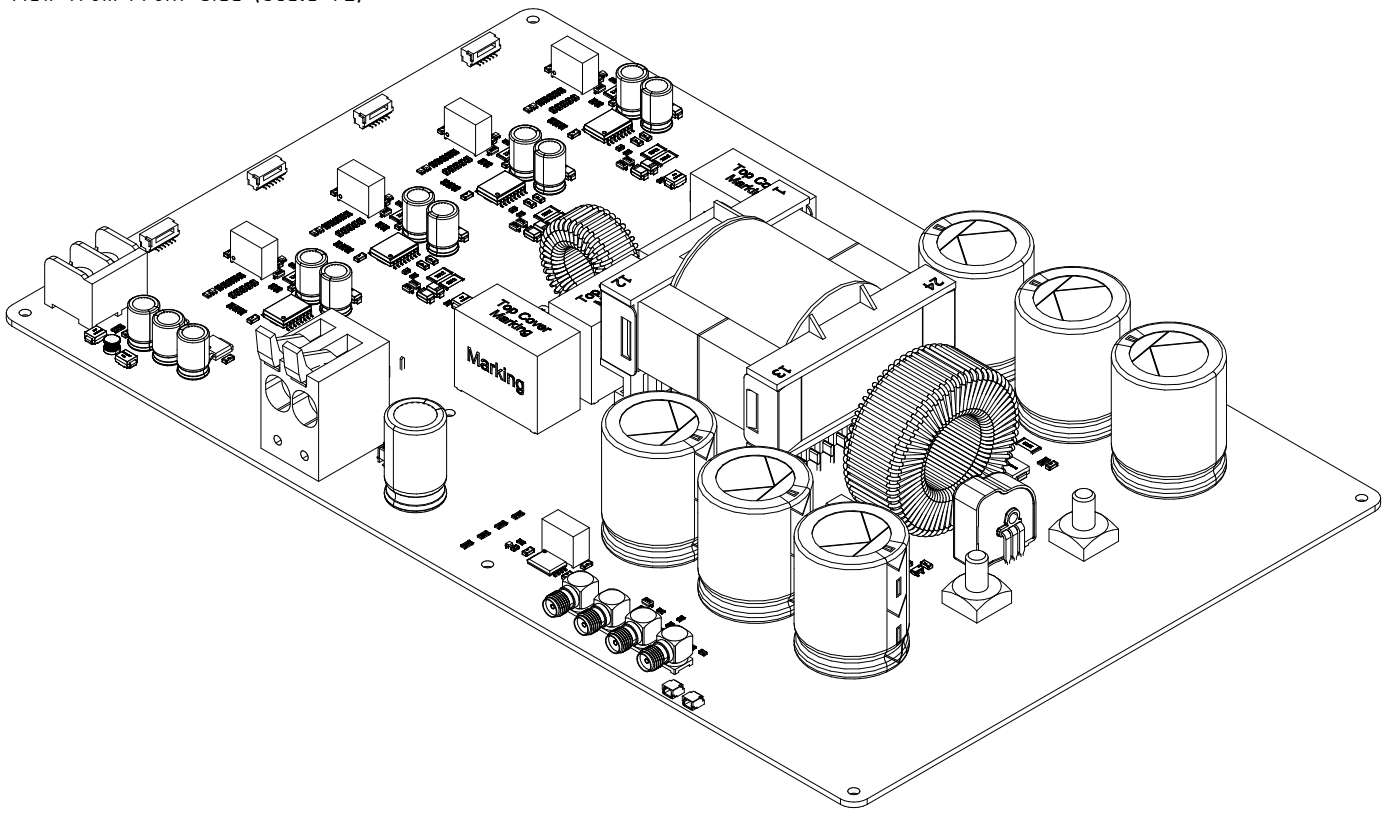


1

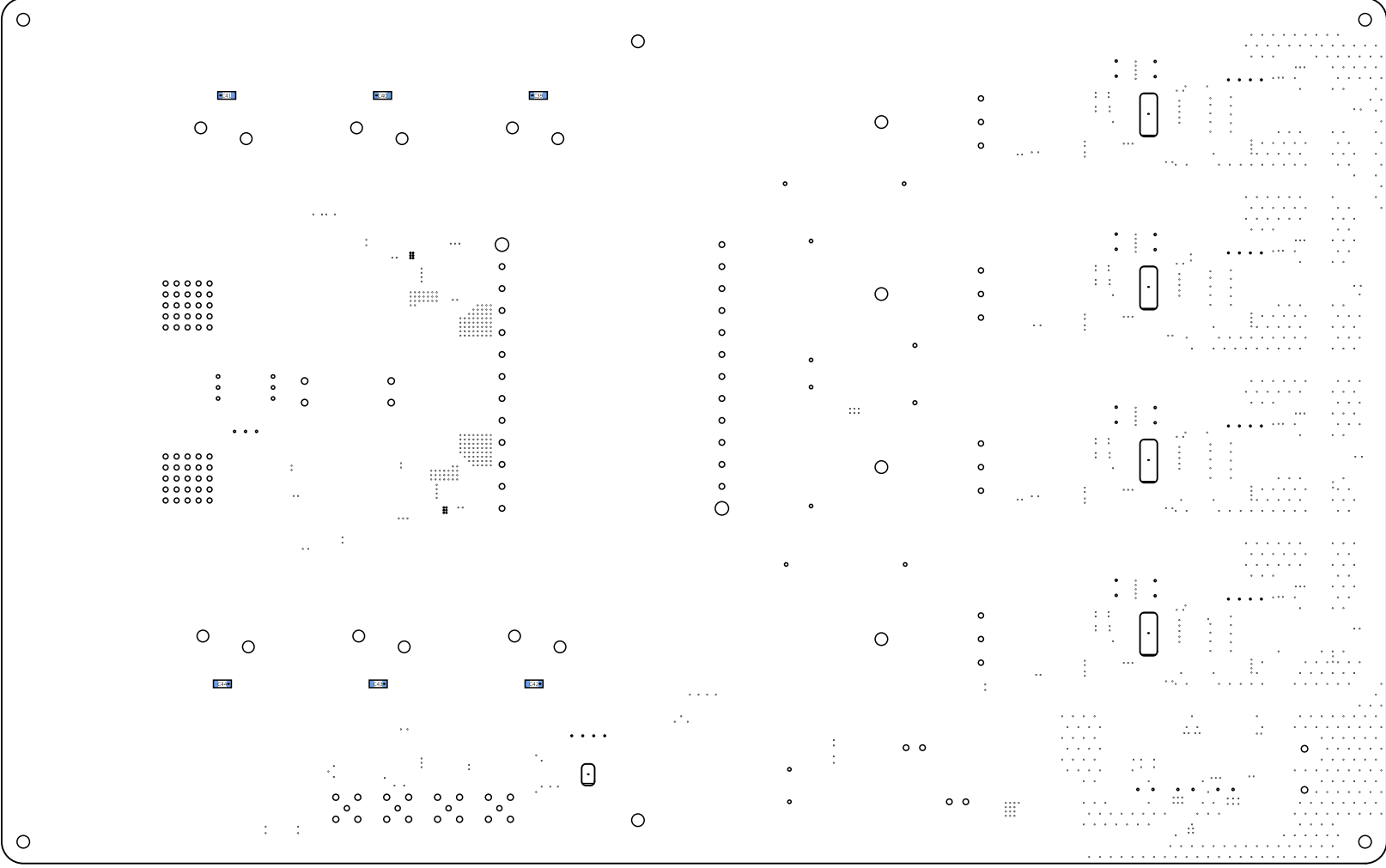


2

View from Front side (Scale 1:2)

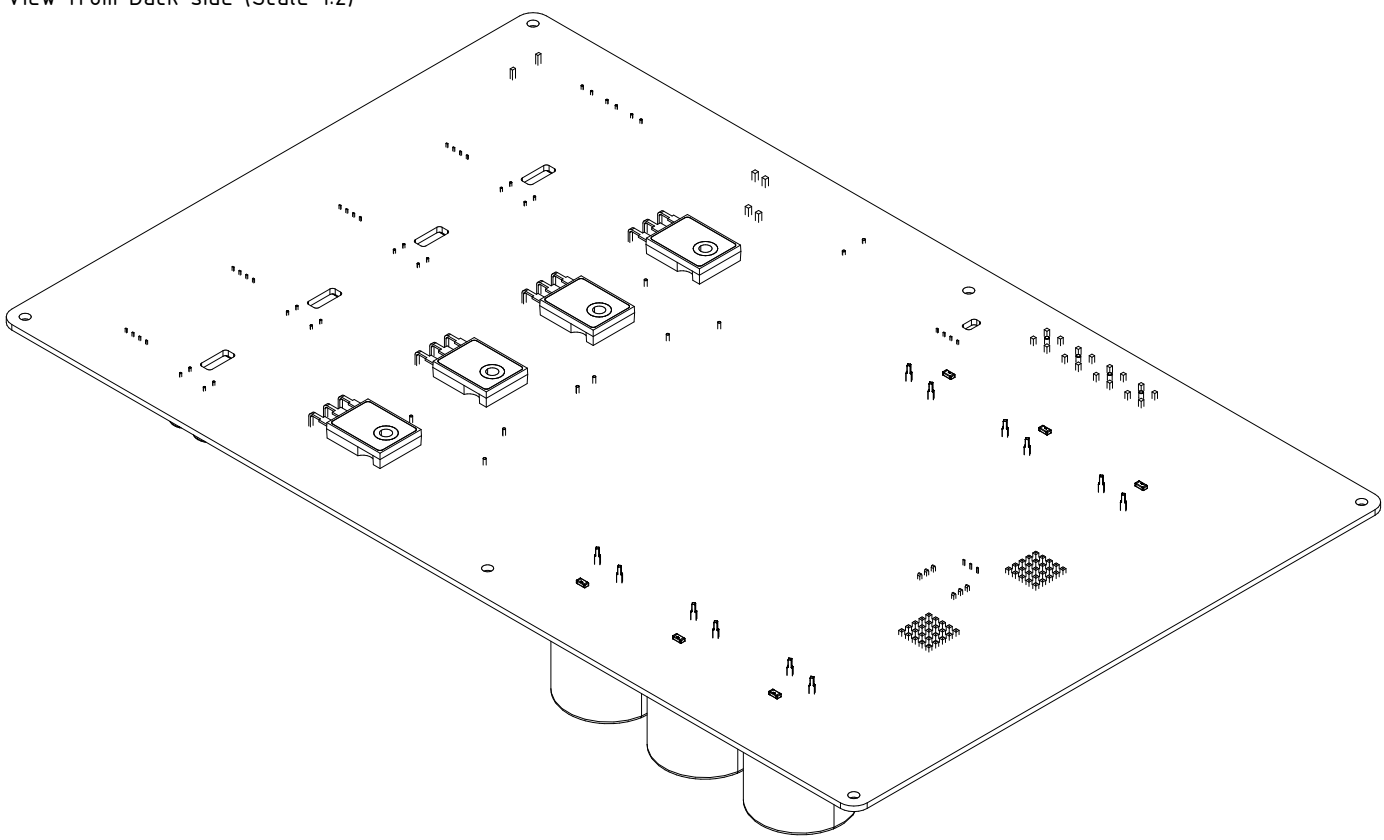


3



4

View from Back side (Scale 1:2)



5

6

7

8

Bill Of Materials				
Line #	Designator	PartNumber	Value	Quantity
1	C1, C2, C3, C9, C11, C12, C14, C16, C17, C18, C32, C46, C47, C49, C51, C53, C54, C56, C58, C59, C60, C66, C68, C69, C71, C73, C74, C75, C81, C83, C84, C86, C88, C89, C90, C99, C100, C101, C102, C103	CC1206KKX7R8BB106	10µF	40
2	C4, C7, C8, C15, C57, C72, C87	CC0805JRNP09BN270	27pF	7
3	C5, C6, C50	CC0805JKNP07BN103	10nF	3
4	C10, C13, C52, C55, C67, C70, C82, C85, C96, C97, C98	A750KS337M1EAAE018	330µF	11
5	C19, C20, C21, C22, C23, C45, C48, C61, C62, C63, C64, C65, C76, C77, C78, C79, C80, C91, C92, C93, C94, C95	CC0805JRNP09BN101	100pF	22
6	C24	A750KS337M1EAAE018	22µF	1
7	C25, C26, C27, C28	890303327008CS	1.5µF	4
8	C29	8853522130111	1nF	1
9	C30, C39, C40, C41, C42, C43, C44	CC1206KKX7R0BB225	2.2µF	7
10	C31	CC0805KRX7R9BB104	0.1µF	1
11	C33, C34, C35, C36, C37, C38	LGY2A152MELB30	1500µF	6
12	D1	B0303S-1WR2		1
13	D2	AMC1311BDWVR		1
14	D3, D9, D11, D13	B2424S-1WR2		4
15	D4, D10, D12, D14	UCC21750DWR		4
16	D5	CAS 50-NP		1
17	D6, D8	1EDN7512GXTMA1		2
18	D7	AP2205-50W5-7		1
19	D15	L7812CD2T-TR		1
20	D16	LD1086D2T33TR		1
21	FU1	C1Q 2.5		1
22	L1	0077930A7	*µH	1
23	L2	0077438A7	*µH	1
24	L3	SDR0403-4R7ML	4.7µH	1
25	R1, R5, R13, R54, R69, R84	RC0805JR-071KL	1K	6
26	R2, R3, R4, R34	RC0805FR-0749R9L	49.9R	4
27	R6	RC2512FK-0720R5L	20.5R	1
28	R7, R48, R63, R78	RC2512JK-07220RL	220R	4
29	R8, R20, R21, R23, R24, R30, R31, R38, R39, R40, R42, R45, R46, R49, R61, R62, R64, R76, R77, R79, R91, R92	RC0805FR-0710KL	10K	22
30	R9, R10, R11, R50, R51, R52, R65, R66, R67, R80, R81, R82	RC0805JR-074K7L	4.7K	12
31	R12, R14, R16, R17, R19, R37, R44, R53, R55, R57, R58, R60, R68, R70, R72, R73, R75, R83, R85, R87, R88, R90	RC0805JR-07100RL	100R	22
32	R15, R18, R56, R59, R71, R74, R86, R89	RC2512JK-07100RL	0.5R	8
33	R22, R25, R28	RC1206FR-071ML	1M	3
34	R26, R27, R32	RC2512FK-07499RL	499R	3
35	R29	RC1206FR-0716K2L	16.2K	1
36	R33	RC1206JR-07100KL	100K	1
37	R35, R41	RL1206JR-070R5L	0.5R	2
38	R36, R43	RC1206JR-073R3L	3.3R	2
39	R47	RC0805FR-07412RL	412R	1
40	T1	P8208NLT		1
41	T2	B66398W1024T001		1
42	VD1, VD2, VD4, VD27	PESD3V3L1BA		4
43	VD3	BAT46WQ-7-F		1
44	VD5, VD11, VD23, VD25, VD28, VD34, VD38, VD44, VD48, VD54	1N5819HW-7-F		10
45	VD6, VD29, VD39, VD49	SMAZ16-13-F		4
46	VD7, VD30, VD40, VD50	LTST-C171KRKT		4
47	VD8, VD31, VD41, VD51	SMAZ5V1-13-F		4
48	VD9, VD10, VD32, VD33, VD42, VD43, VD52, VD53	STTH112A		8
49	VD12, VD35, VD45, VD55	MMSZ5242B		4
50	VD13, VD14, VD36, VD37, VD46, VD47, VD56, VD57	LTST-C170GKT		8
51	VD15, VD17, VD18, VD19, VD24, VD26	SMBJ18CA		6
52	VD16, VD20	C6004065E		2
53	VD21, VD22	MBRS4201T3G		2
54	VD58	B340LB-13-F		1
55	VD59	SMBJ28CA		1
56	VT1, VT2, VT3, VT4	C3M0120065D		4
57	VT5, VT6	IPT012N08N5ATMA1		2
58	X1, X2, X9, X12	60311002111526		4
59	X3	2453690000		1
60	X4, X5, X6, X7	SM06B-GHS		4
61	X8, X13	7461098		2
62	X10, X11	SM02B-SRSS-TB(LF)(SN)		2

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES:			FINISH:			DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION		
		NAME	SIGNATURE	DATA			TITLE: PSFB CC/CV assembly					
DRAW		Burkovskiy										
CHK'D												
APP'VD												
MFG												
QA				MATERIAL:			DWG NO.			A2		
				WEIGHT:			SCALE 1:1			SHEET 1 OF 1		