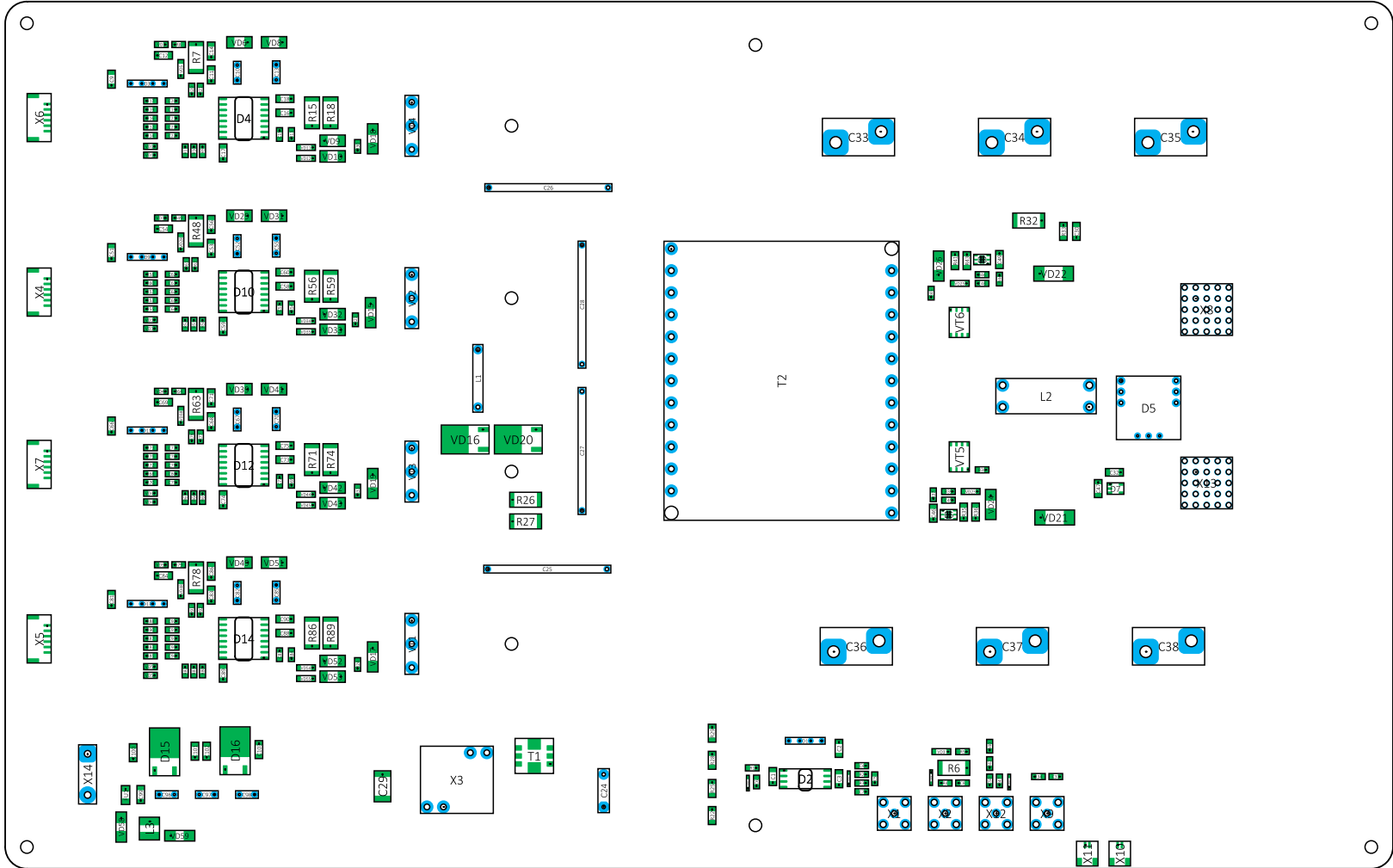
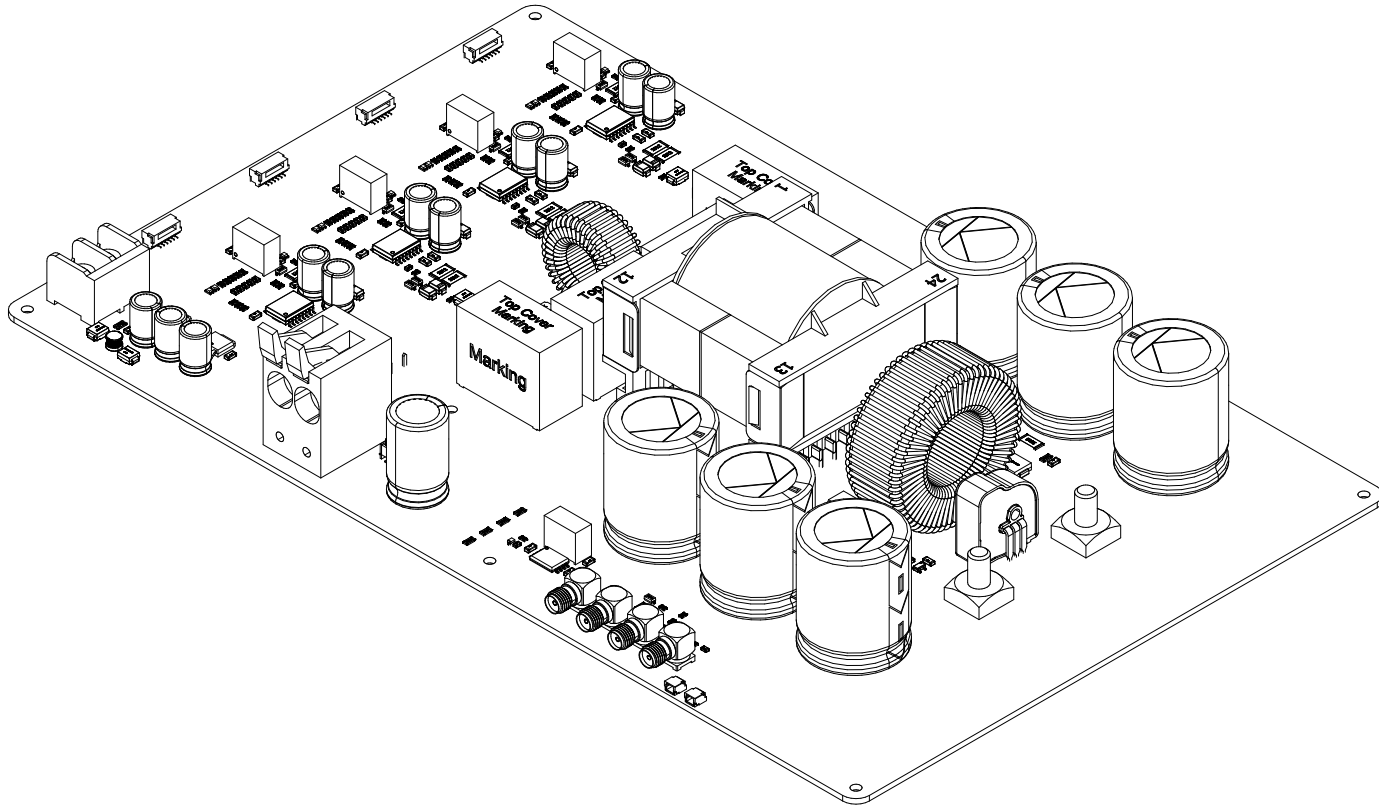


1

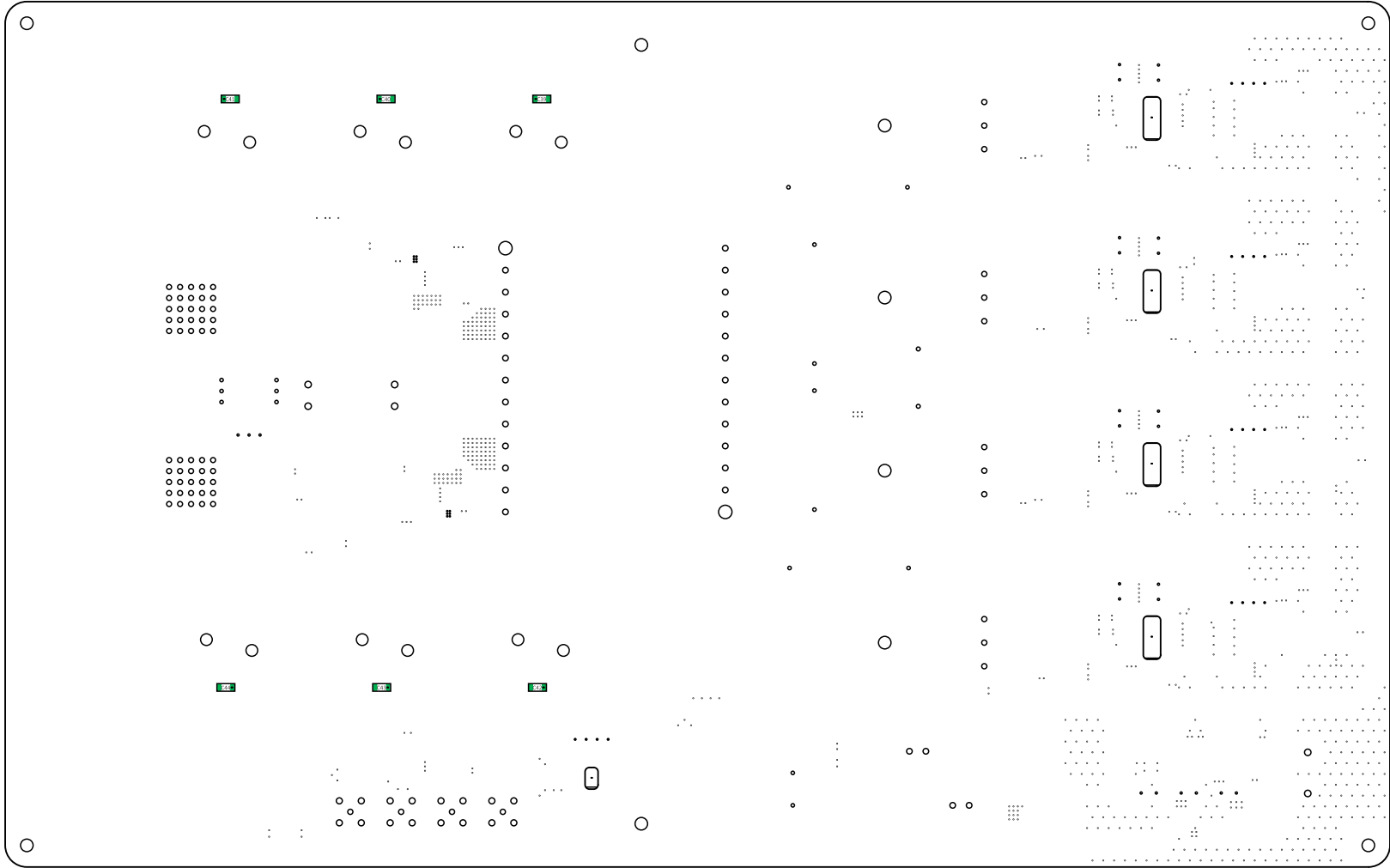


2

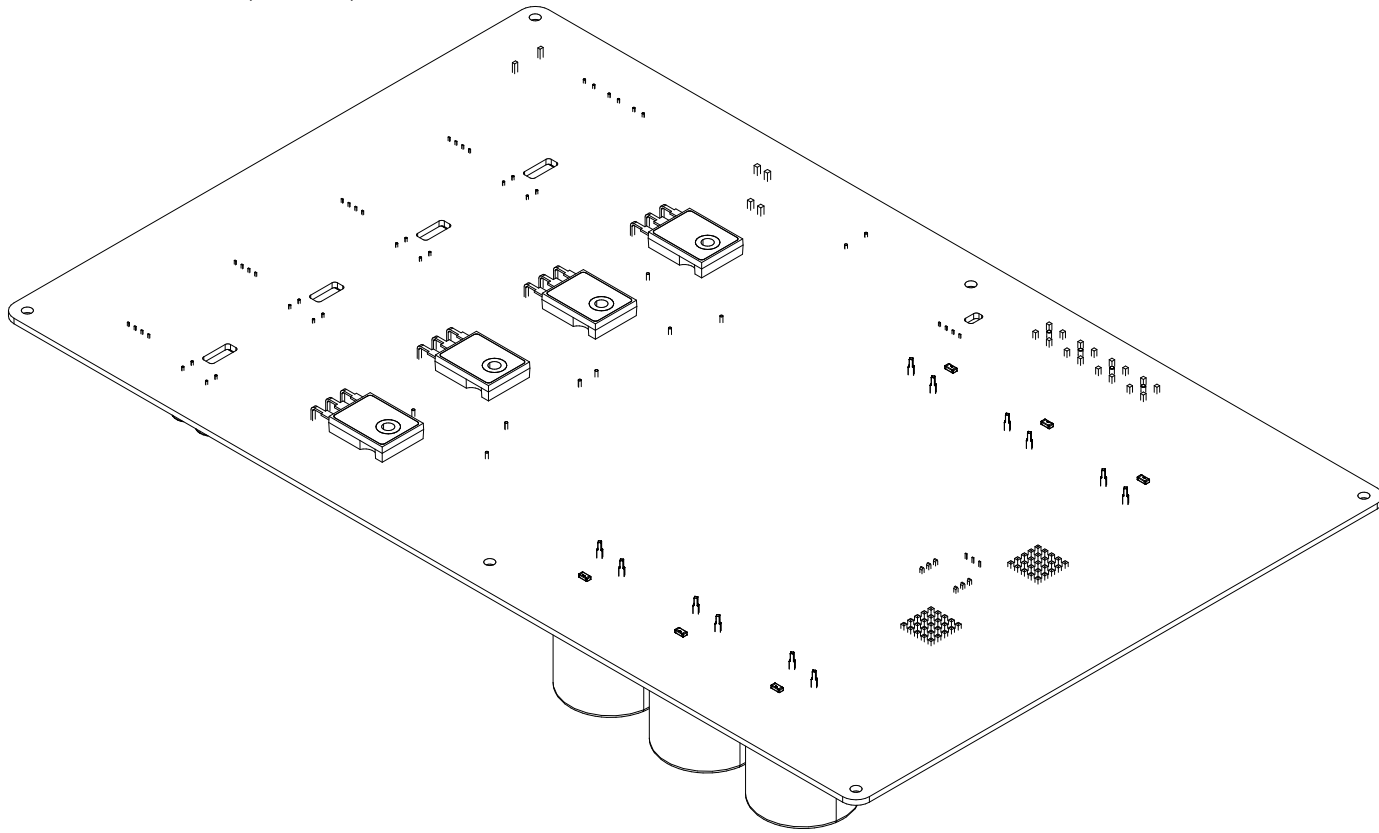
View from Front side (Scale 1:2)



3



View from Back side (Scale 1:2)



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Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.10mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.07mm		Signal	GTL
		1.66mm	FR-4	Dielectric	
Copper	Bottom Layer	0.07mm		Signal	GBL
Surface Material	Bottom Solder	0.10mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 2.00mm					

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Drill Table

Symbol	Count	Hole Size	Plated
□	12	0.3mm	Plated
⊗	1025	0.4mm	Plated
◆	20	0.7mm	Plated
☆	25	0.8mm	Plated
☆	16	1.1mm	Plated
⊙	2	1.2mm	Plated
◇	50	1.4mm	Plated
☆	16	1.5mm	Plated
⊗	28	1.6mm	Plated
◇	16	1.7mm	Plated
△	6	1.8mm	Plated
□	12	3.0mm	Plated
○	10	3.2mm	Non-Plated
⊕	2	3.4mm	Plated
1240 Total			

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	CC0805JRNPO9BN270	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	CC0805JRNPO9BN101	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	4.99R	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	4.99R	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	4.12R	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	C6D04065E		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	
DRAW		NAME		SIGNATURE		DATA		TITLE:	
CHKD		Burkovskiy						PSFB CC/ CV assembly	
APPVD									
MFG									
QA				MATERIAL:		DWG NO.		A2	
				WEIGHT:		SCALE 1:1		SHEET 1 OF 1	

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