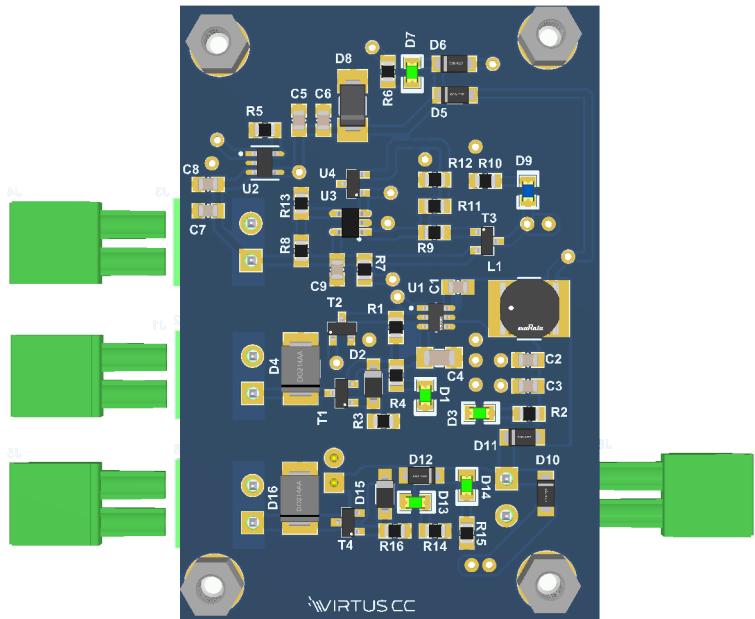
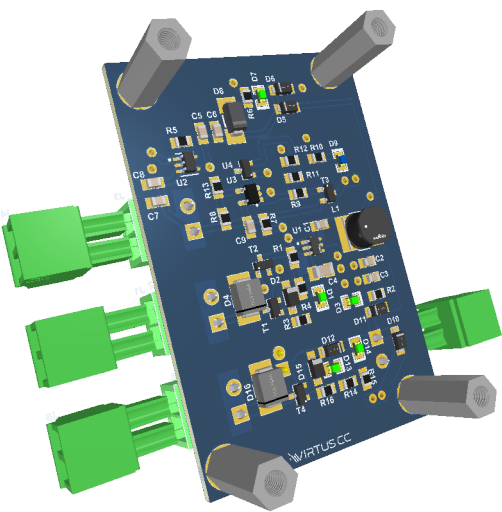


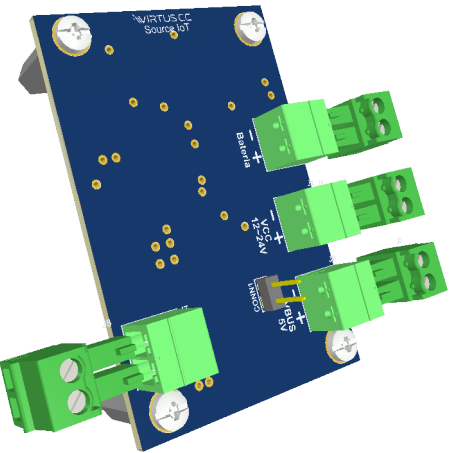
Realistic View



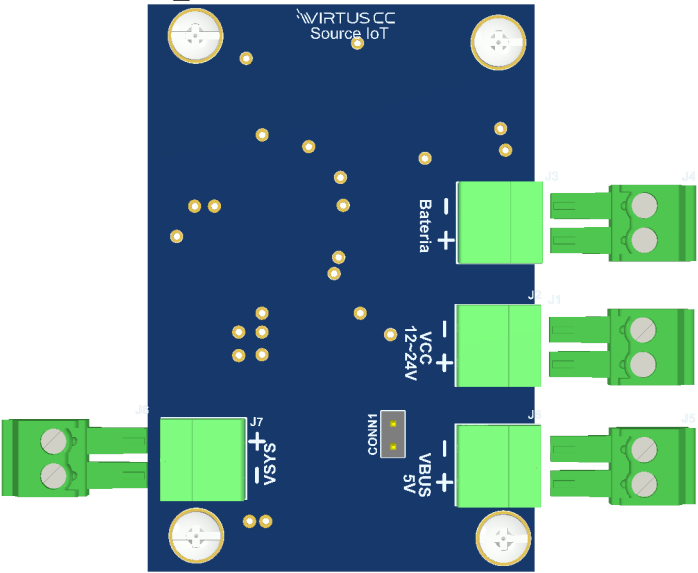
Realistic View




Realistic View_Bottom



Realistic View_Bottom



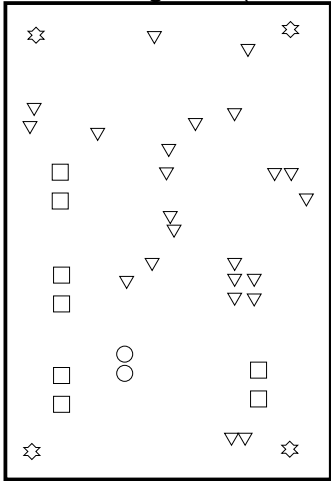
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Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.03mm	SM-003	Solder Mask	GTS
Copper	Top Layer	0.04mm		Signal	GTL
		1.50mm	FR-4	Dielectric	
Copper	Bottom Layer	0.04mm		Signal	GBL
Surface Material	Bottom Solder	0.03mm	SM-003	Solder Mask	GBS
	Bottom Overlay			Legend	GBO

Total thickness: 1.62mm

Drill Drawing View (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
▽	23	0.71mm	Plated	
○	2	0.90mm	Plated	
□	8	1.40mm	Plated	
☆	4	3.20mm	Plated	
	37 Total			



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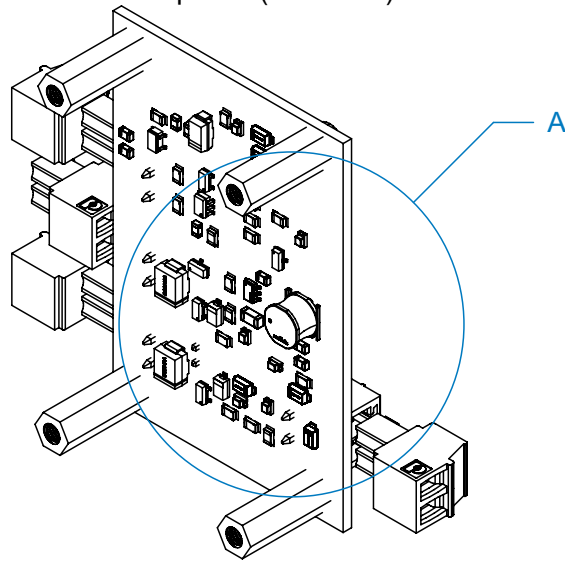
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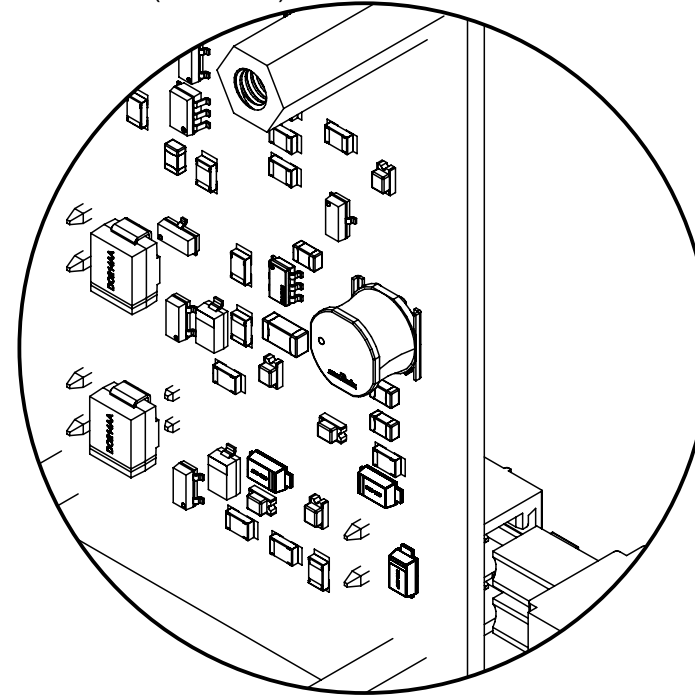
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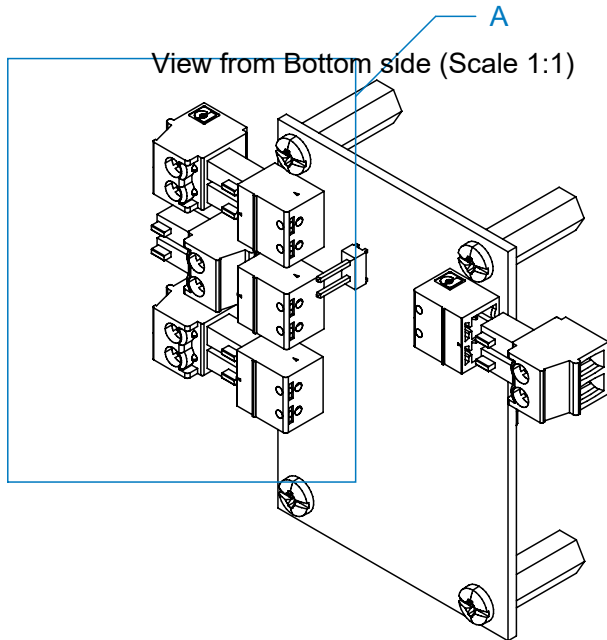
View from Top side (Scale 1:1)



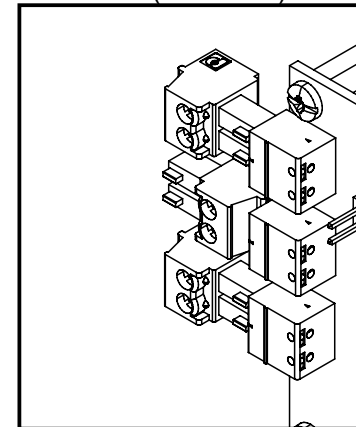
DETAIL A (Scale 2:1)



View from Bottom side (Scale 1:1)



DETAIL A (Scale 1:1)



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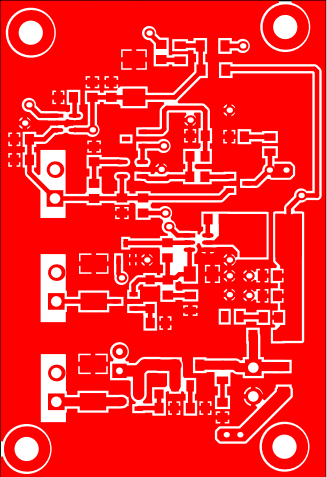
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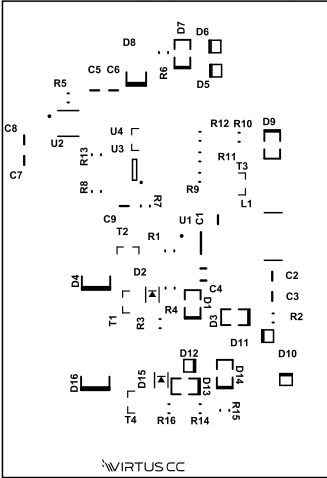
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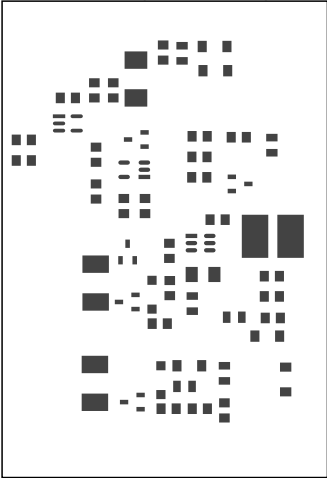
Top Layer (Scale 1:1)[Top]



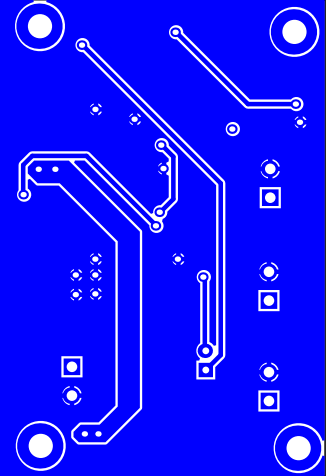
Top Overlay (Scale 1:1)[Top]



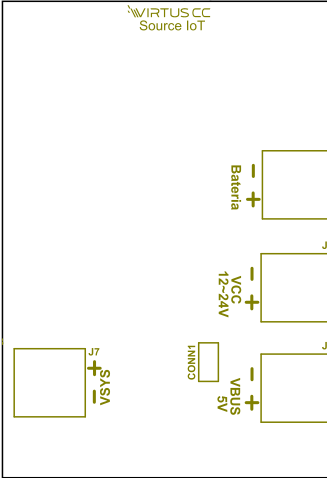
Top Paste (Scale 1:1)[Top]




Bottom Layer (Scale 1:1)[Bottom]



Bottom Overlay (Scale 1:1)[Bottom]



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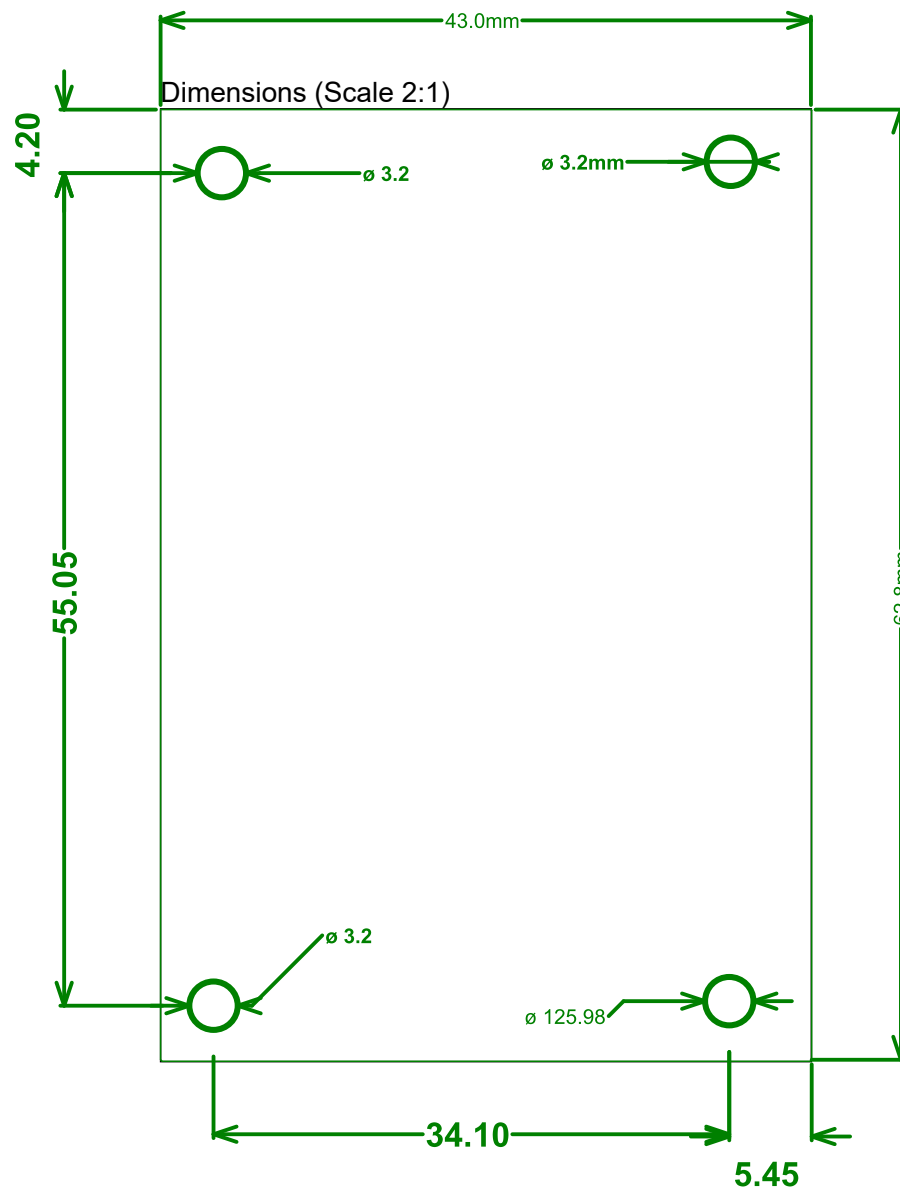
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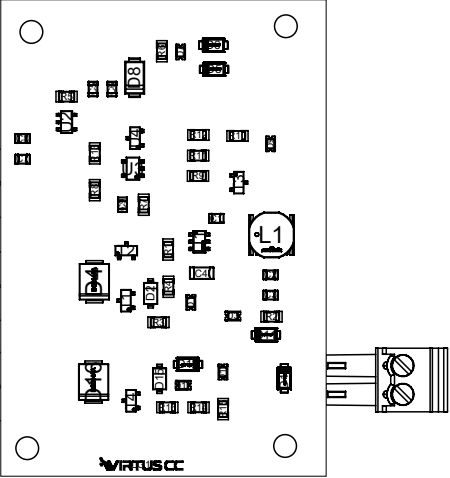
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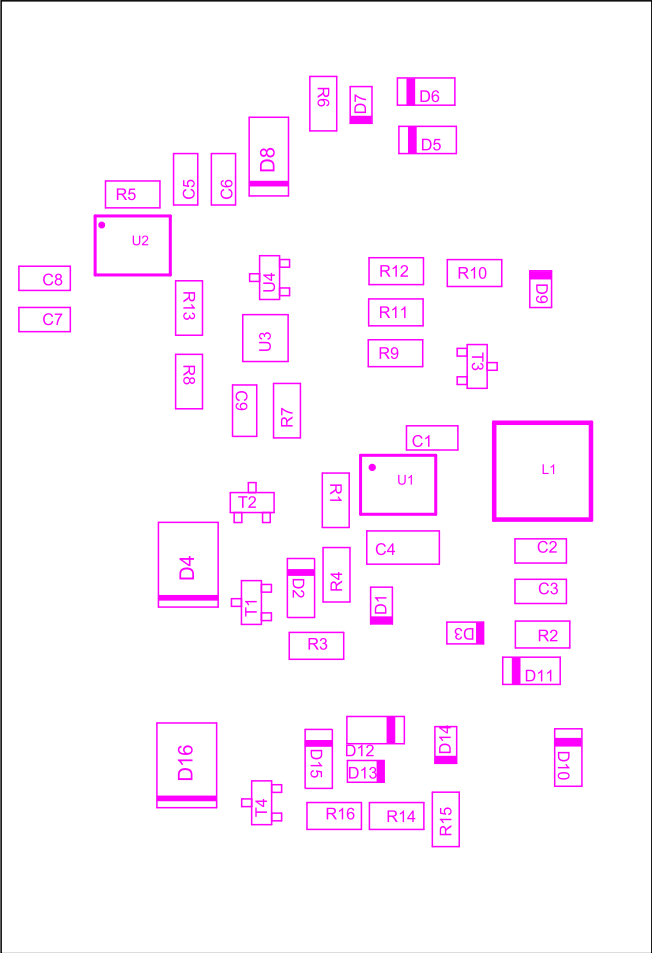
Bill Of Materials


Line #	Designator	Comment	Quantity
1	C1, C5, C7, C9	CL21B104KACNNNC	4
2	C2, C3	CL21A226MAYNNNE	2
3	C4	CL31A106KBHNNNE	1
4	C6, C8	C2012X5R1E475K125AB	2
6	D1, D3, D7, D13, D14	LTST-C170GKT	5
7	D2, D15	MMSZ5245B-TP	2
8	D4	SMBJ28CAQ-13-F	1
9	D5, D6, D10, D11, D12	MBR120VLSFT1G	5
10	D8	SMAJ5.0A-13-F	1
11	D9	LTST-C171TBKT	1
12	D16	SMBJ28CAQ-13-F	1
15	L1	1255AY-4R7M=P3	1
16	LG1	Logo_Virtus	1
17	R1, R8	CRGCQ0805F100K	2
18	R2, R6, R10, R14, R15	CRGCQ0805J470R	5
19	R3, R7, R16	RC0805FR-0710KL	3
20	R4	RC0805FR-071KL	1
21	R5	ERJ-6ENF2001V	1
22	R9	RC0805FR-071ML	1
23	R11	RC0805FR-07270KL	1
24	R12	RC0805FR-0716KL	1
25	R13	RC0805FR-13330KL	1
28	T1, T4	DMP4065S-7	2
29	T2	DDTC143ZCA-7-F	1
30	T3	PJA3415_R1_00001	1
31	U1	AP63205WU-7	1
32	U2	MCP73831T-2ACI/OT	1
33	U3	TLV7031QDBVRQ1	1
34	U4	LM4041DYM3-1.2-TR	1

View from Top side (Scale 1:1)

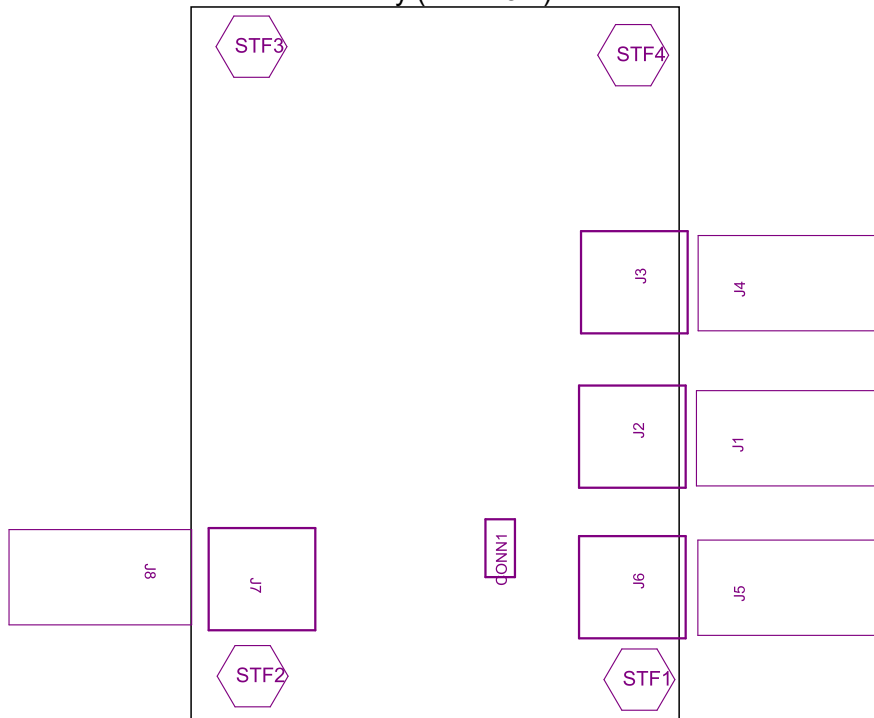


Top Assembly (Scale 2:1)

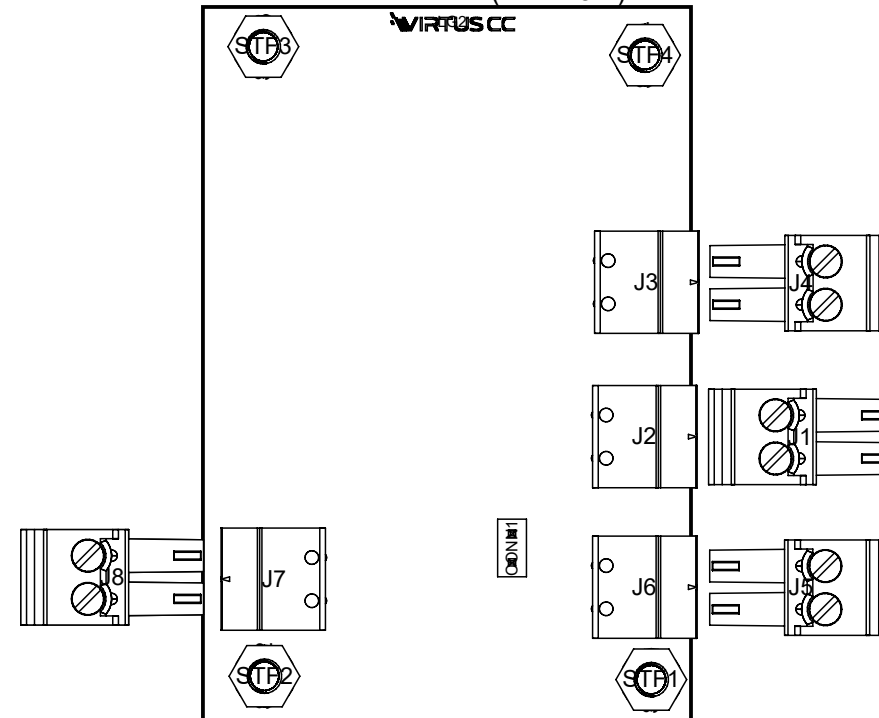


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Bottom Assembly (Scale 3:2)



View from Bottom side (Scale 3:2)



Bill Of Materials

Line #	Designator	Comment	Quantity
5	CONN1	TSW-101-07-G-D	1
13	J1, J4, J5, J8	5447861	4
14	J2, J3, J6, J7	5444262	4
16	LG2	Logo_Virtus	1
26	SCW1, SCW2, SCW3, SCW4	SCREW_M3	4
27	STF1, STF2, STF3, STF4	R30-1011502	4



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