

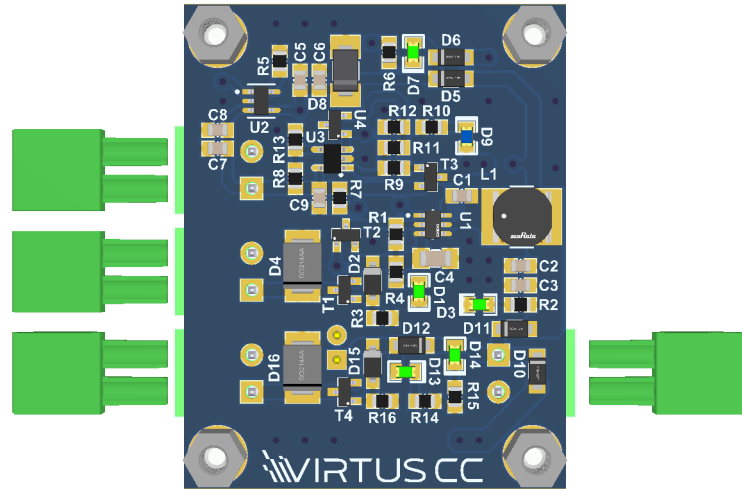
A

B

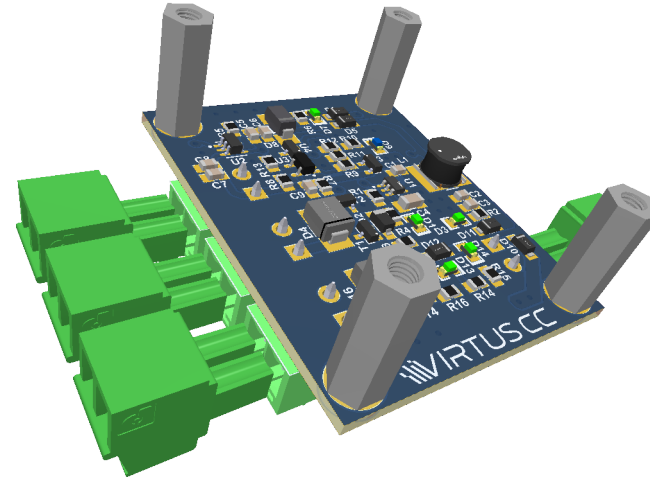
C

D

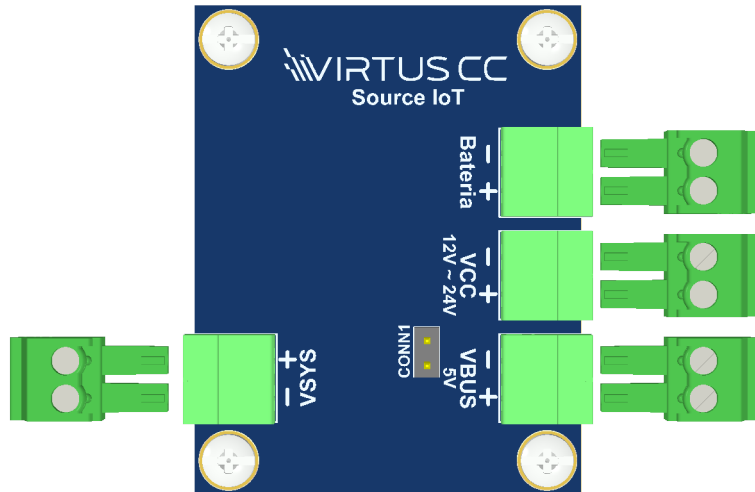
Realistic View Top



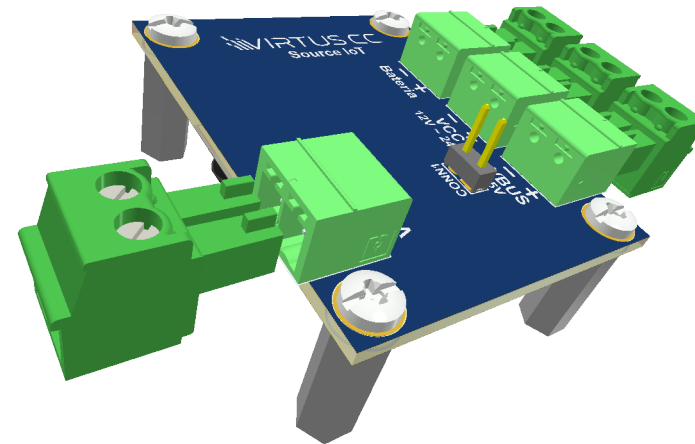
Realistic View Top



Realistic View Bottom



Realistic View Bottom



		<b>Endereço:</b> Rua Aprígio Veloso, 1500 - Bodocongó CEP: 58.429-140 Campina Grande, Paraíba Brasil	
<b>Título:</b> Fonte Padrão IoT			
<b>Projeto:</b> Virtus CC			
<b>Conta:</b> Virtus CC		1º Contrato	
<b>Projetista:</b> Jonatas Rodrigo Kinas		<b>Revisor:</b> Fulano de Tal	
<b>Arquivo:</b> Draftsman.PCBDwf		<b>Pág.:</b> 1 de 7	
<b>Data:</b> 22/11/2024		<b>Rev.:</b> v.0.1	

A

B

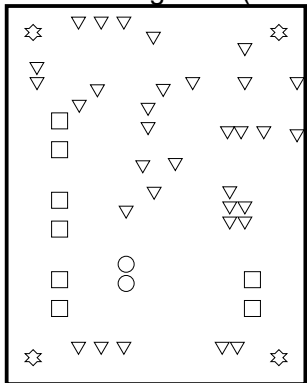
C

D

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.02540mm	SM-003	Solder Mask	GTS
Copper	Top Layer	0.03556mm		Signal	GTL
		1.50000mm	FR-4	Dielectric	
Copper	Bottom Layer	0.03556mm		Signal	GBL
Surface Material	Bottom Solder	0.02540mm	SM-003	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.62192mm					

Drill Drawing View (Scale 1:1)

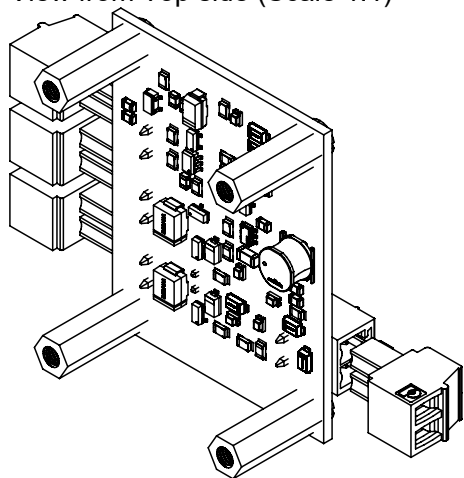


Drill Table

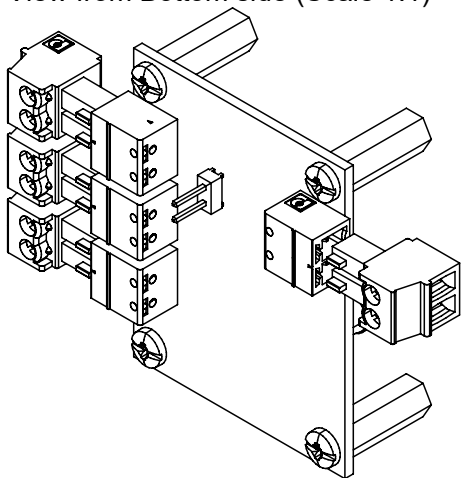
Symbol	Count	Hole Size	Plated	Hole Tolerance
▽	33	0.70mm	Plated	
○	2	0.90mm	Plated	
□	8	1.40mm	Plated	
☆	4	3.20mm	Plated	
	47 Total			

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<b>Projetista:</b> Jonatas Rodrigo Kinas		<b>Revisor:</b> Fulano de Tal	
<b>Arquivo:</b> Draftsman.PCBDwf		<b>Pág.:</b> 2 de 7	
<b>Data:</b> 22/11/2024		<b>Rev.:</b> v.0.1	

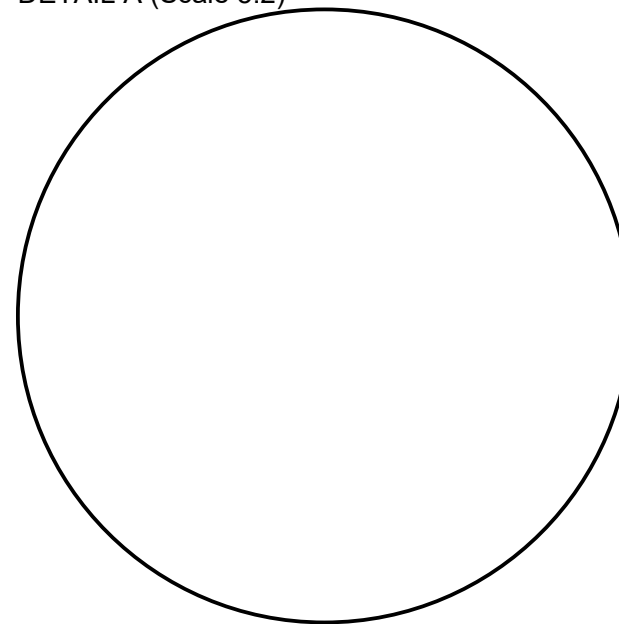
View from Top side (Scale 1:1)



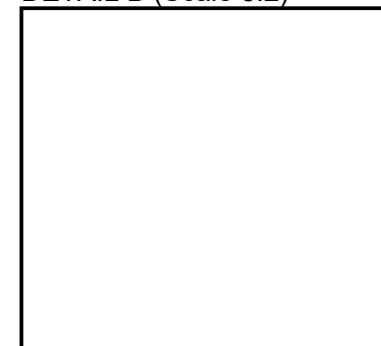
View from Bottom side (Scale 1:1)



DETAIL A (Scale 5:2)

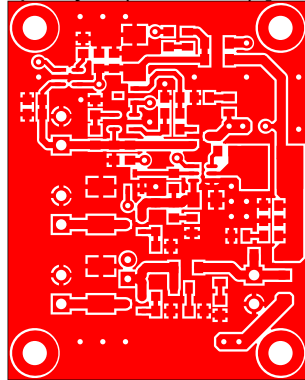


DETAIL B (Scale 5:2)

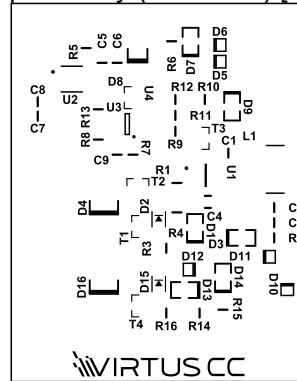


		<b>Endereço:</b> Rua Aprígio Veloso, 1500 - Bodocongó CEP: 58.429-140 Campina Grande, Paraíba Brasil	
<b>Título:</b> Fonte Padrão IoT			
<b>Projeto:</b> Virtus CC			
<b>Conta:</b> Virtus CC		1º Contrato	
<b>Projetista:</b> Jonatas Rodrigo Kinas		<b>Revisor:</b> Fulano de Tal	
<b>Arquivo:</b> Draftsman.PCBDwf		<b>Pág.:</b> 3 <b>de</b> 7	
<b>Data:</b> 22/11/2024		<b>Rev.:</b> v.0.1	

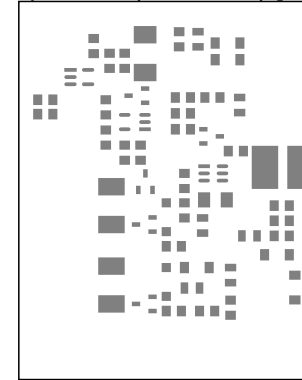
Top Layer (Scale 1:1) [Top]



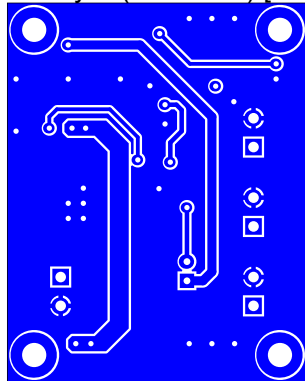
Top Overlay (Scale 1:1) [Top]



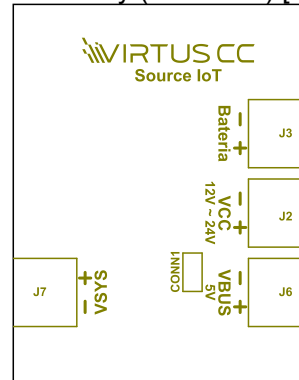
Top Paste (Scale 1:1) [Top]



Bottom Layer (Scale 1:1) [Bottom]



Bottom Overlay (Scale 1:1) [Bottom]



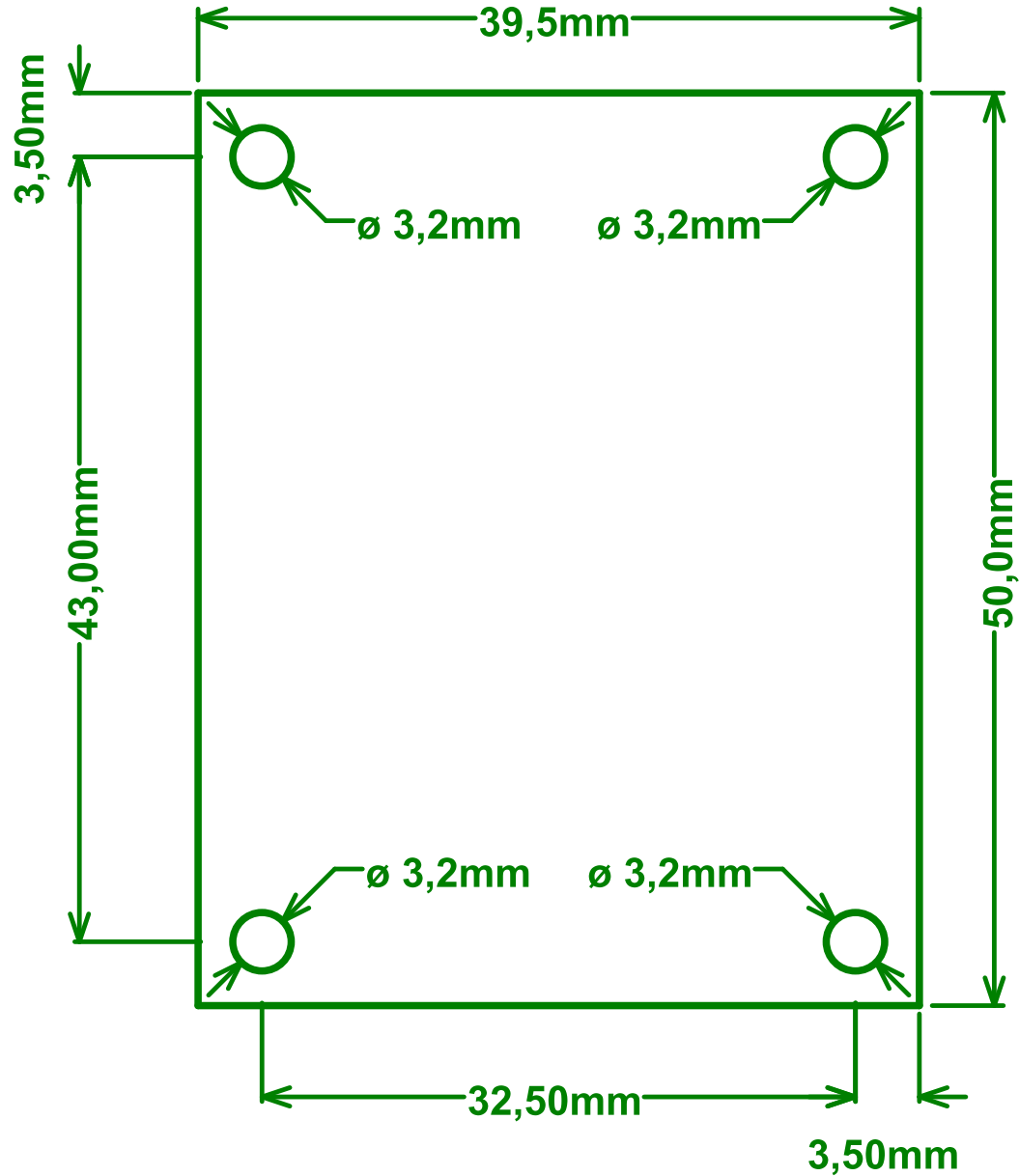
A

B

C

D

Dimensions (Scale 5:2)



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<b>Data:</b> 22/11/2024		<b>Rev.:</b> v.0.1	

A

B

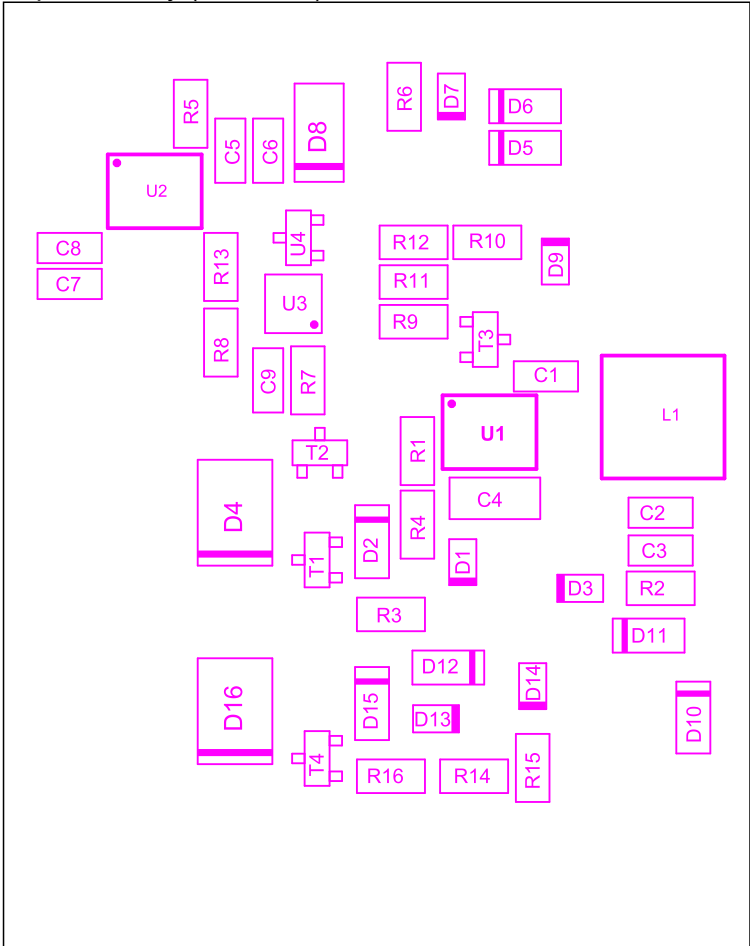
C

D

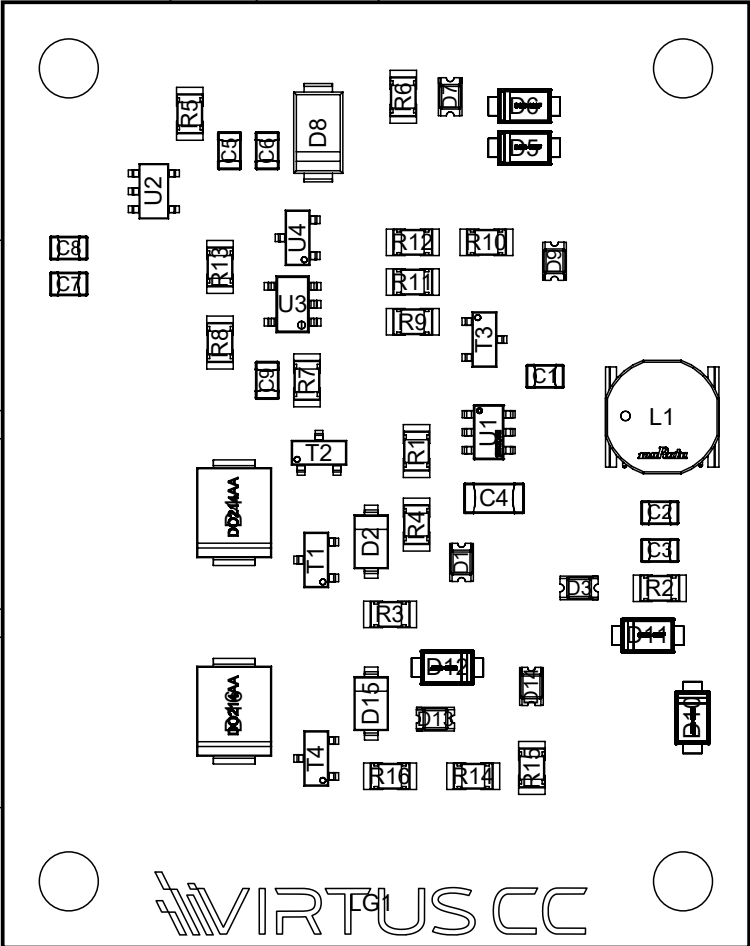
Bill Of Materials

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	SMBJ6.0CATR	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

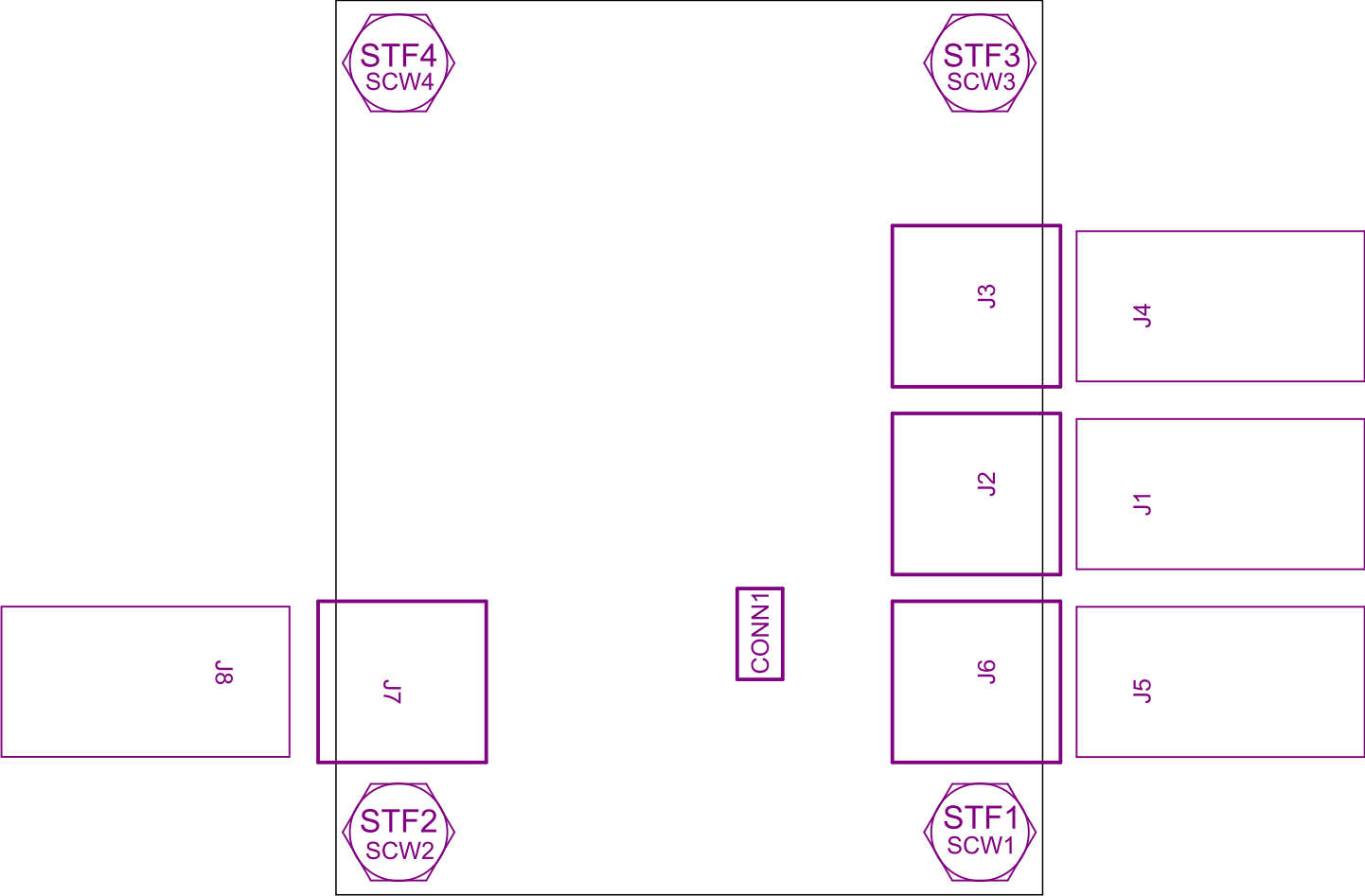
Top Assembly (Scale 5:2)



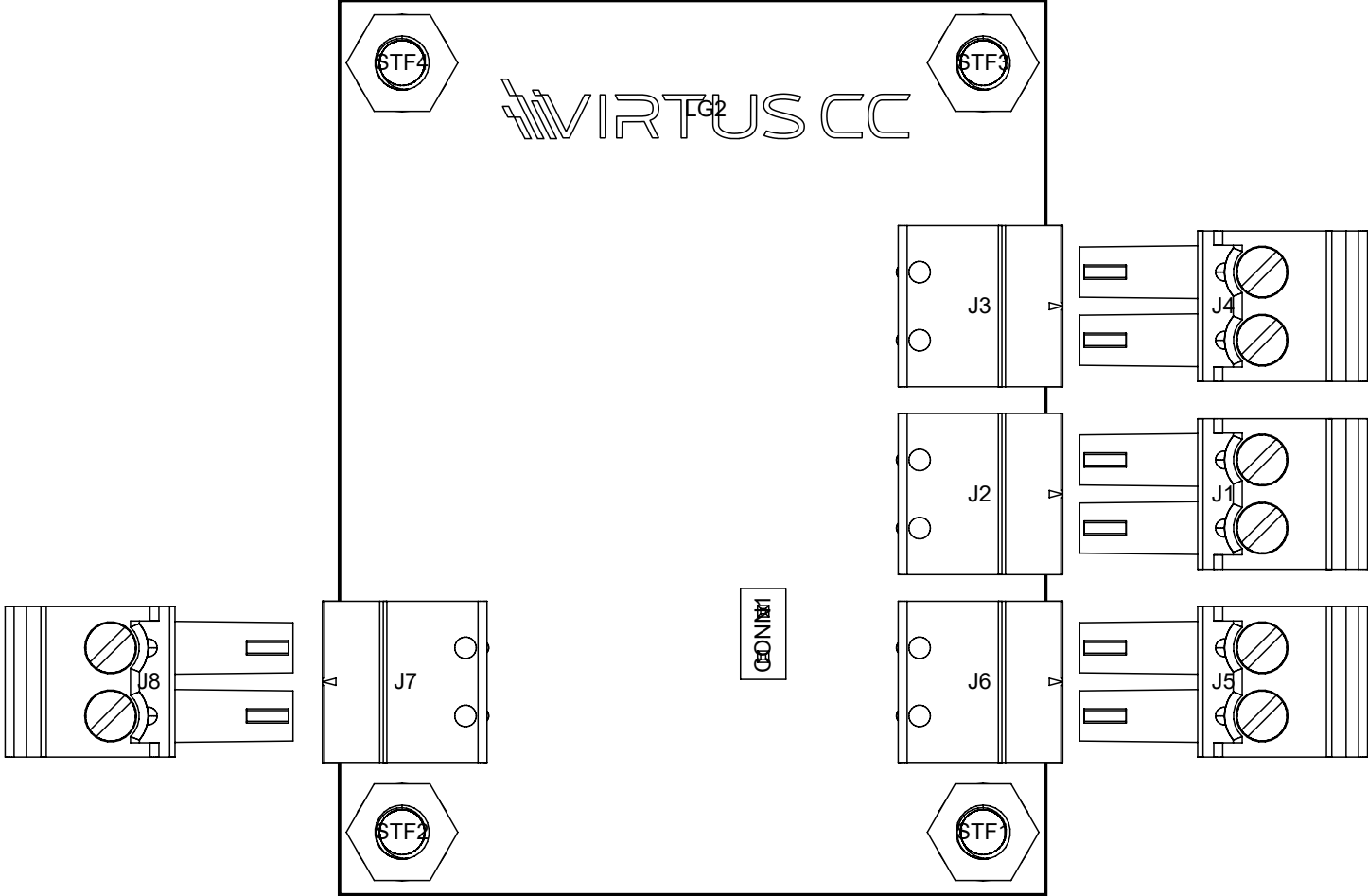
View from Top side (Scale 5:2)



Bottom Assembly (Scale 5:2)



View from Bottom side (Scale 5:2)



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