

A

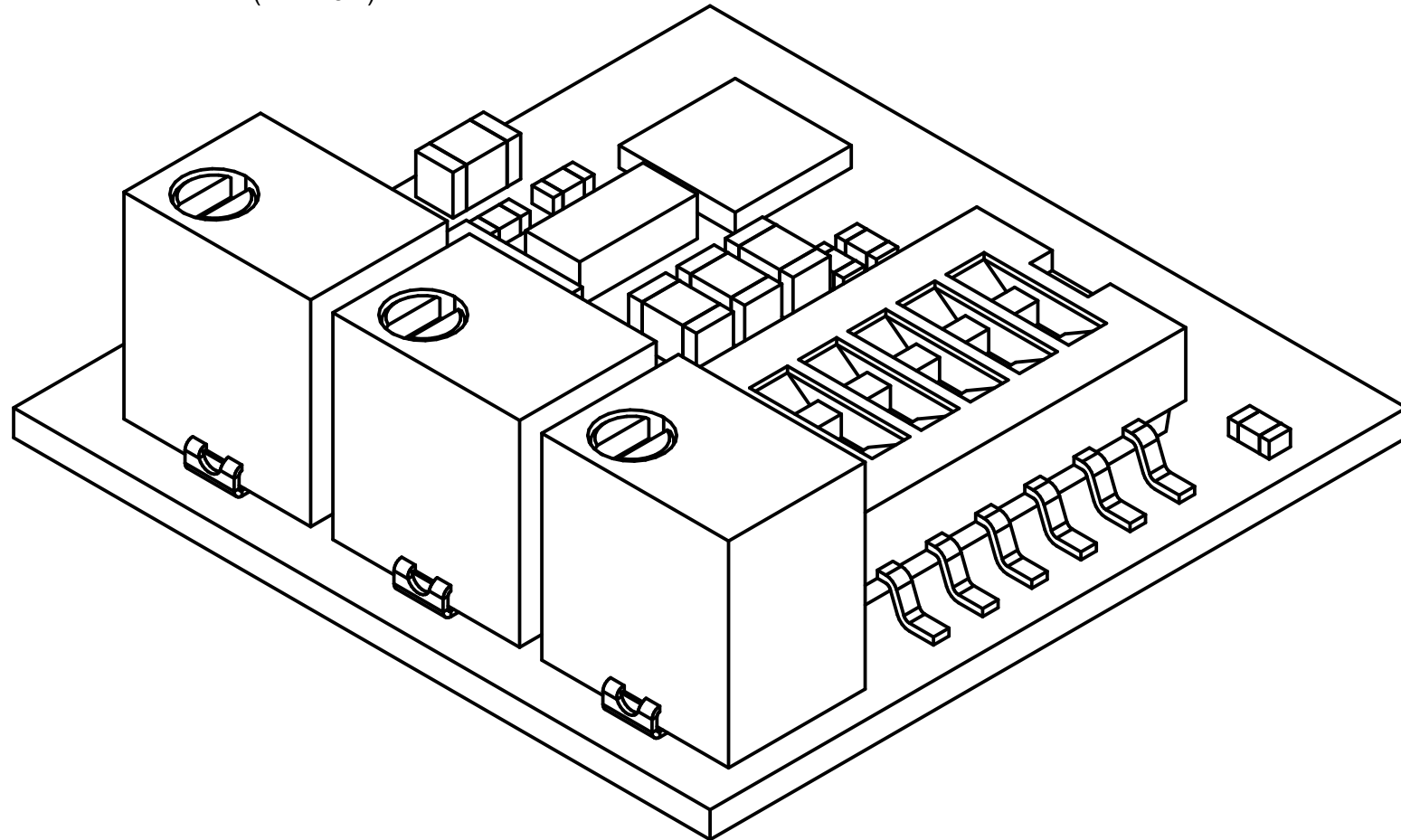
B

C

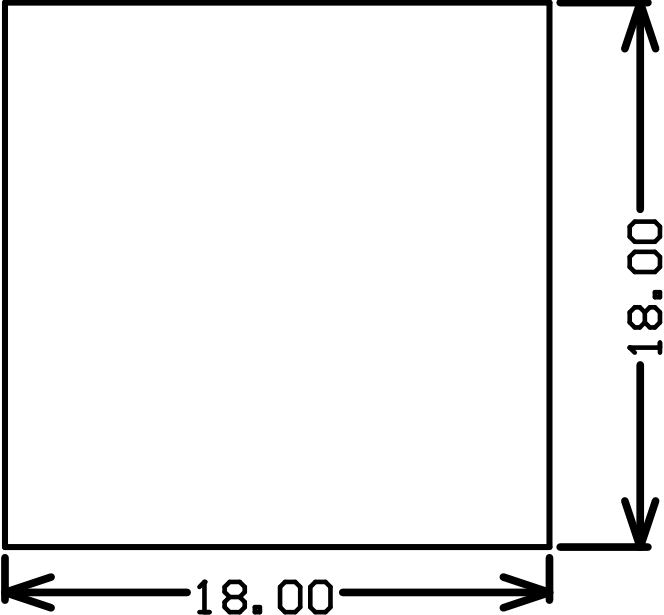
D

E

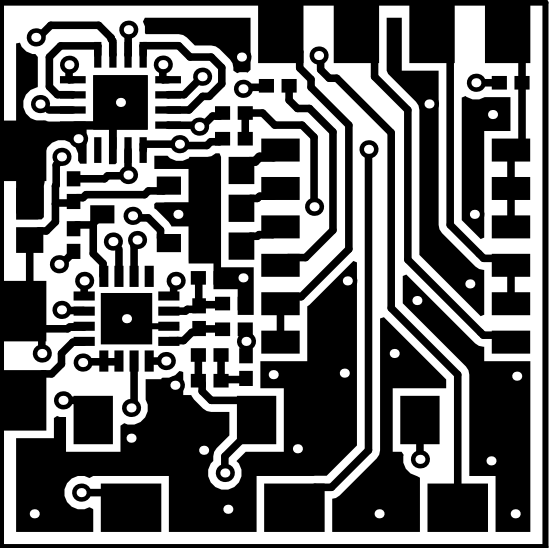
View from Front side (Scale 8:1)



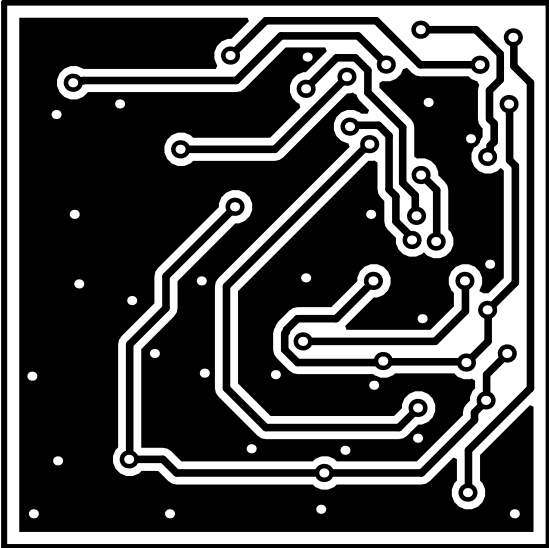
Dimensions (Scale 4:1)



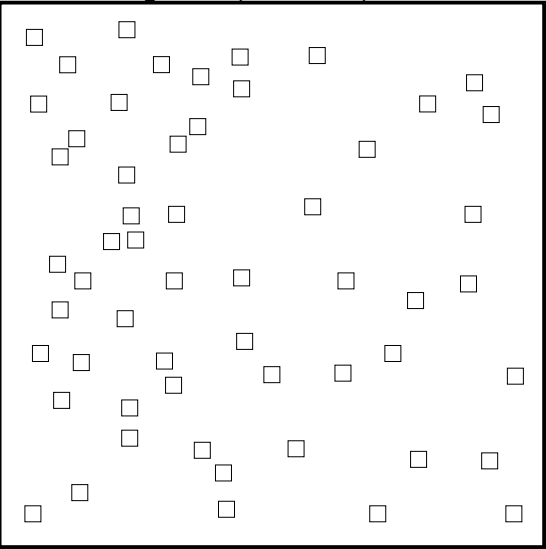
Top Layer (Scale 4:1)



Bottom Layer (Scale 4:1)



Drill Drawing View (Scale 4:1)



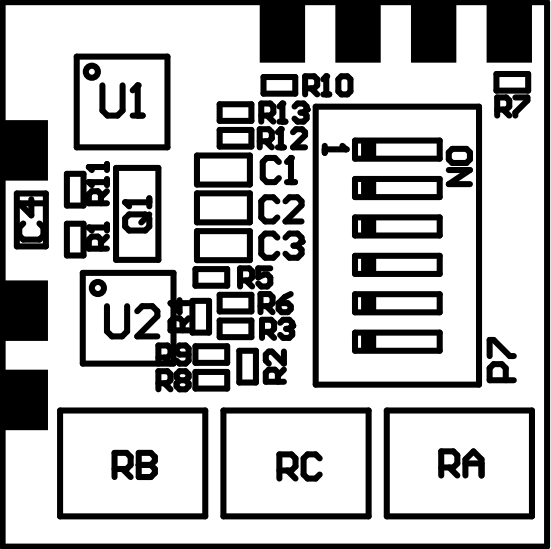
Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.03mm	SM-001	Solder Mask	GTS
PbSn	Top Surface Finish	0.02mm		Surface Finish	
CF-004	Top Layer	0.04mm		Signal	GTL
Core		0.60mm	Core-038	Dielectric	
CF-004	Bottom Layer	0.04mm		Signal	GBL
PbSn	Bottom Surface Finish	0.02mm		Surface Finish	
Surface Material	Bottom Solder	0.03mm	SM-001	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 0.76mm					

Drill Table

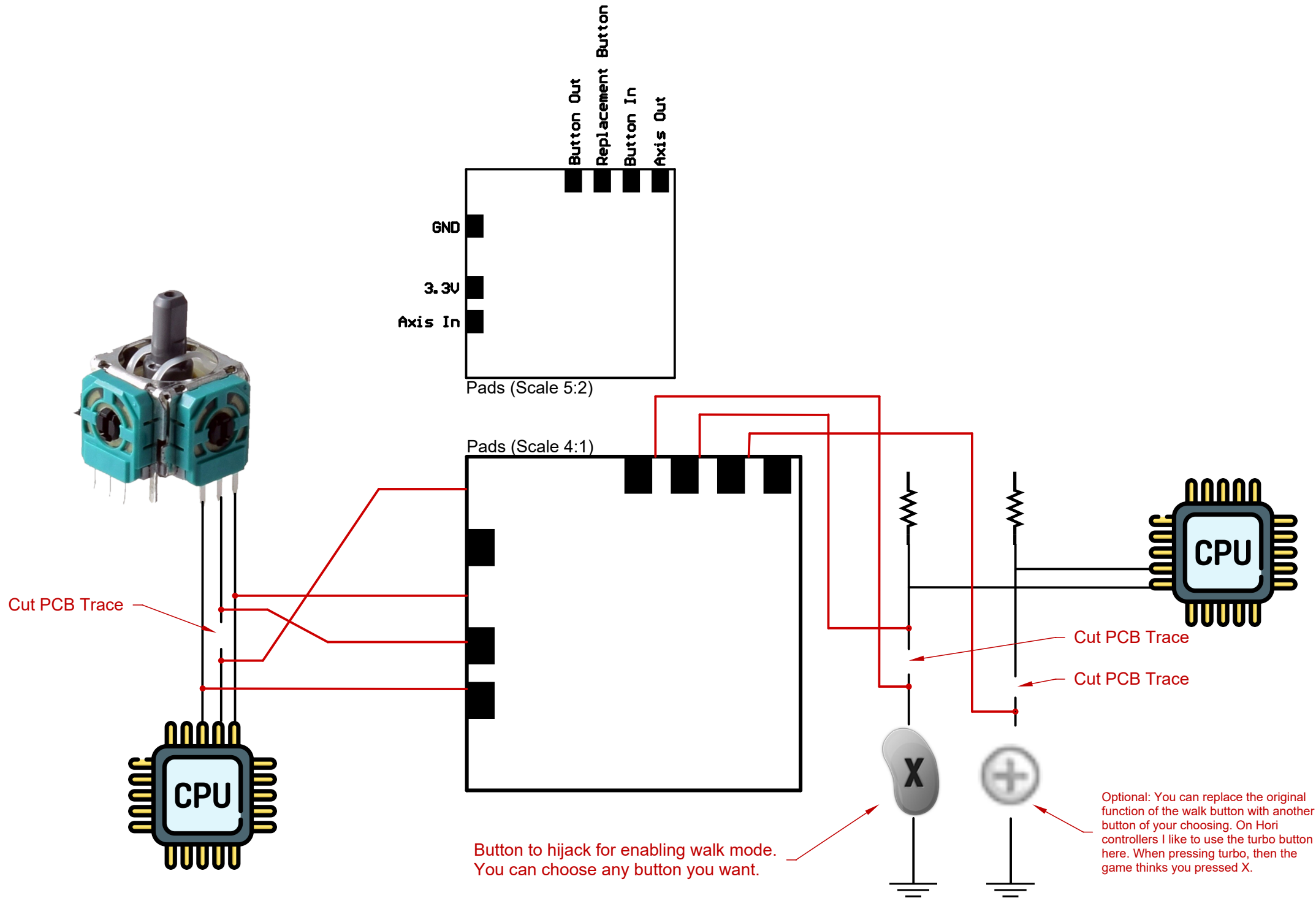
Symbol	Count	Hole Size	Plated	Hole Tolerance
□	56	0.30mm	Plated	
	56 Total			

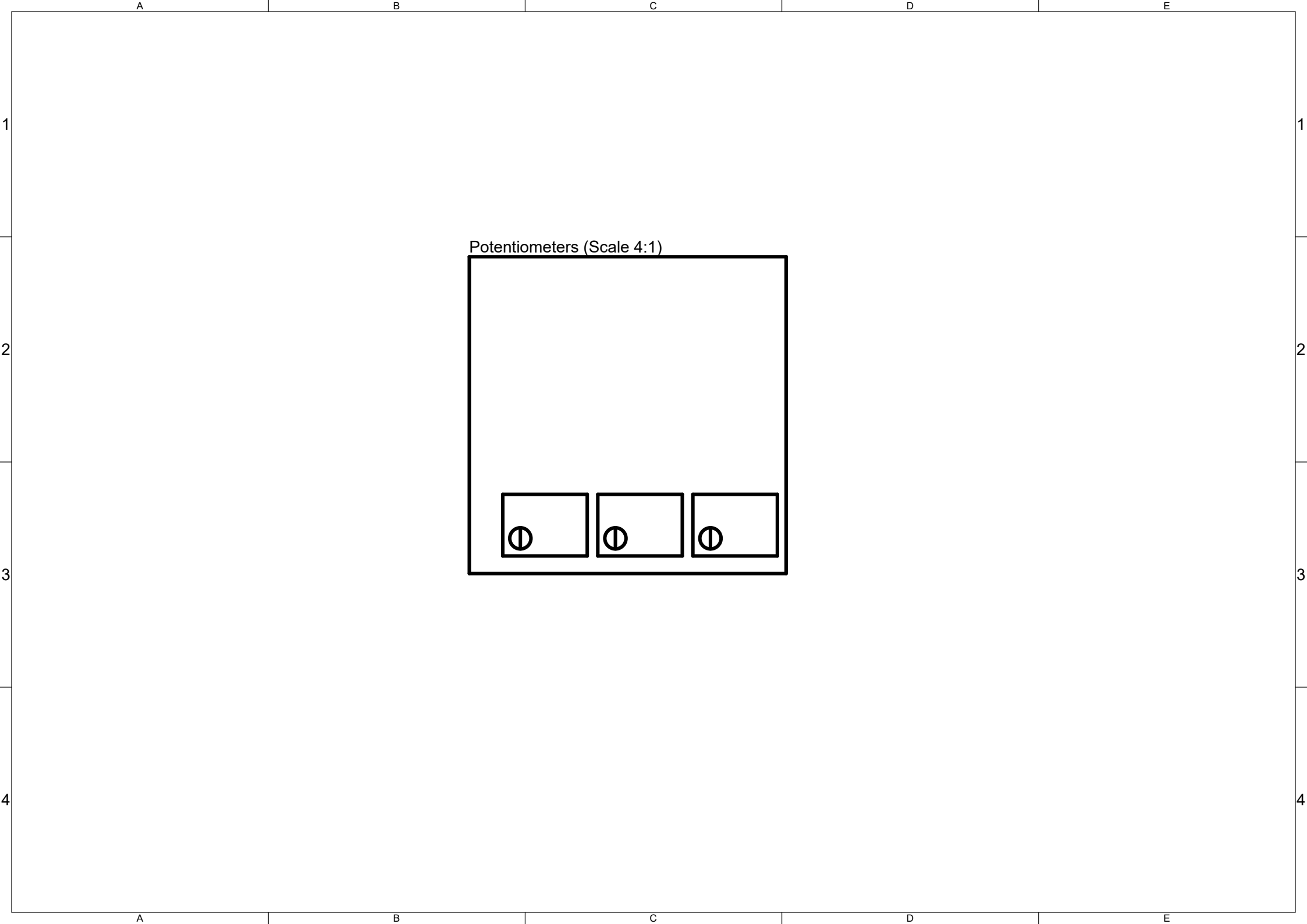
Top Assembly (Scale 4:1)



Bill Of Materials

Quantity	Designator	Type	Value	Value2
2	C1, C4	CL10B105KA8NFNC	1uF	25V
1	C2	CL10B474KO8NFNC	470nF	16V
1	C3	CC0603KRX7R6BB224	220nF	10V
7	P1, P2, P3, P4, P5, P6, P8			
1	P7	DS05-127-2-06BK-SMT-TR		
1	Q1	BC857B-TP		
13	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13	RG1005P-472-B-T5	4.7k	62.5mW
3	RA, RB, RC	3214W-1-103E	10k	250mW
1	U1	NX3L4053HR,115		
1	U2	LTC2068HUD#PBF		





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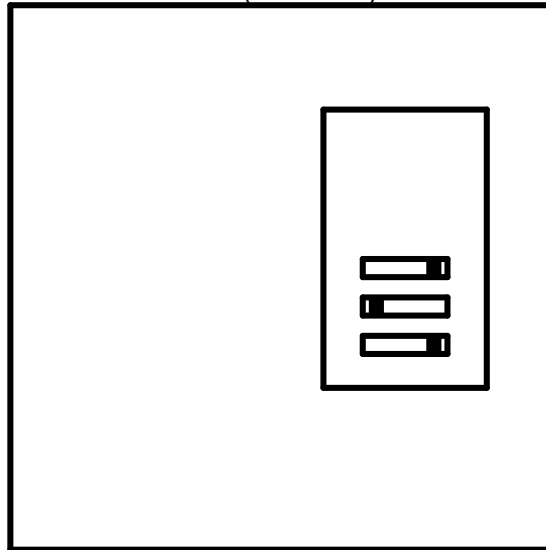
3

3

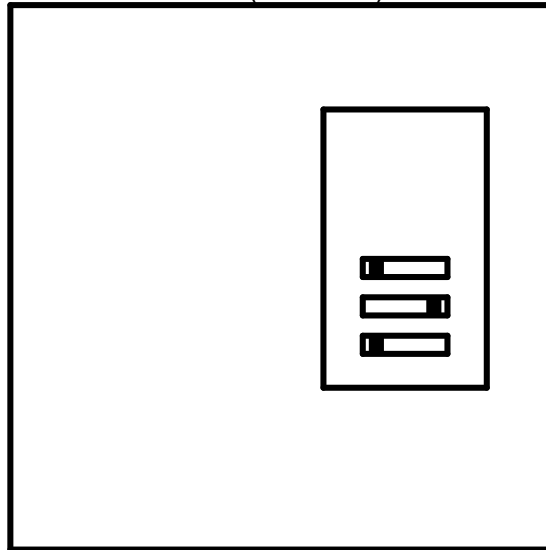
4

4

Switches - Enable (Scale 4:1)



Switches - Disable (Scale 4:1)



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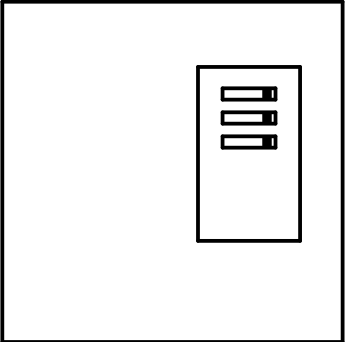
B

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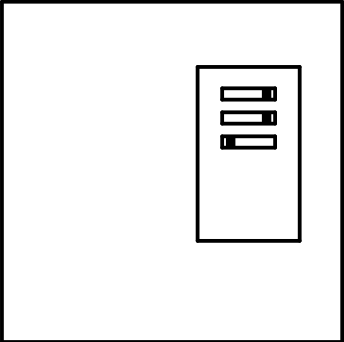
D

E

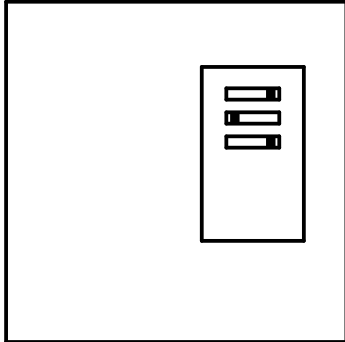
Switches - No Filter (Scale 5:2)



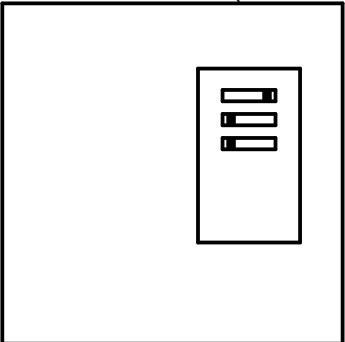
Switches - Filter 1 (Scale 5:2)



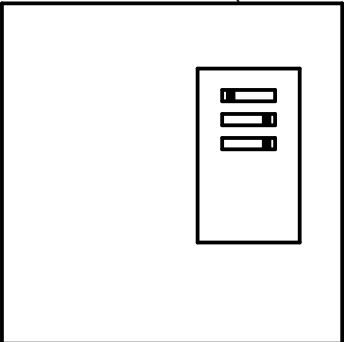
Switches - Filter 2 (Scale 5:2)



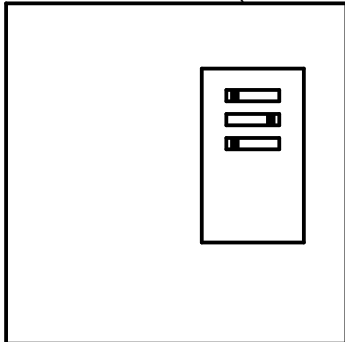
Switches - Filter 3 (Scale 5:2)



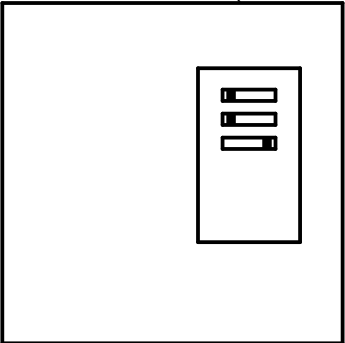
Switches - Filter 4 (Scale 5:2)



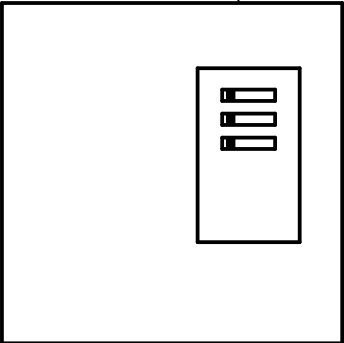
Switches - Filter 5 (Scale 5:2)



Switches - Filter 6 (Scale 5:2)



Switches - Filter 7 (Scale 5:2)



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