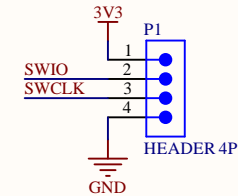
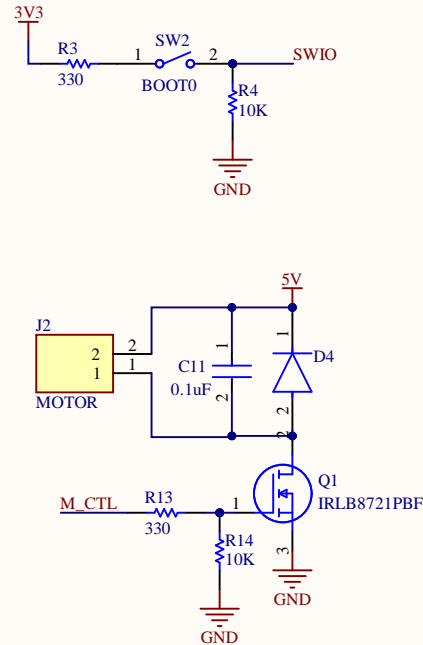
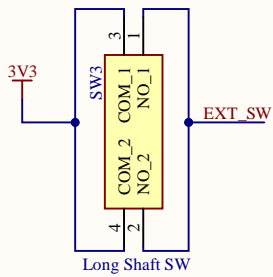
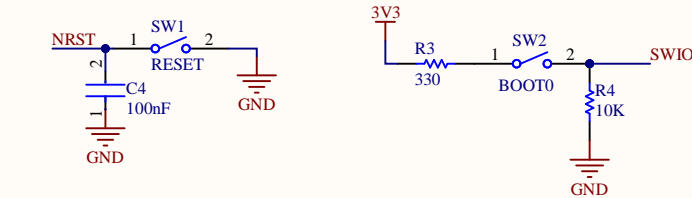
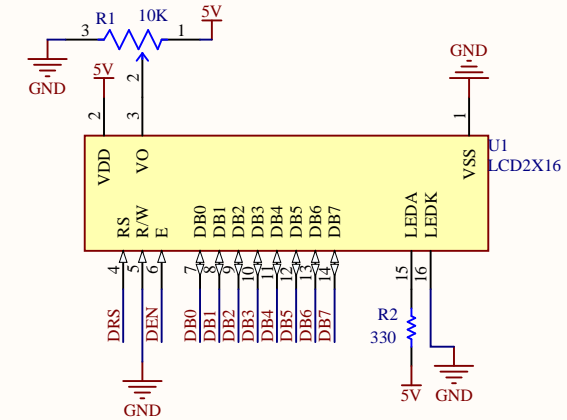
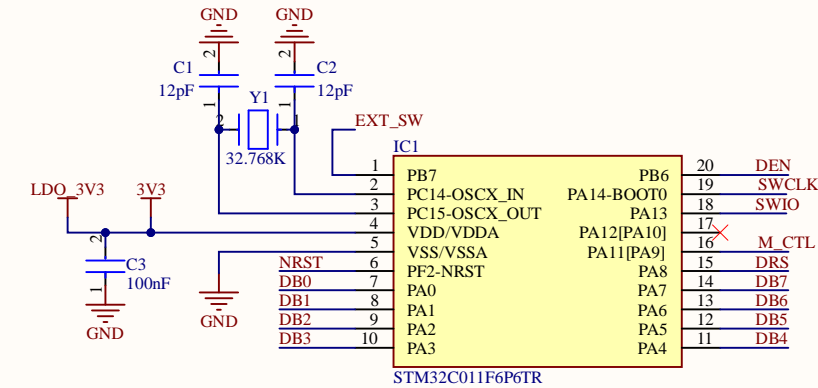


1

2

3

4



*If needed more control over the DC motor some IC like BD6211F-E2 can be used. For that the LCD will need to be reduced to 4b mode.

**The display is to be raised 5mm. And its screw holes used to fix it to it's encasing.

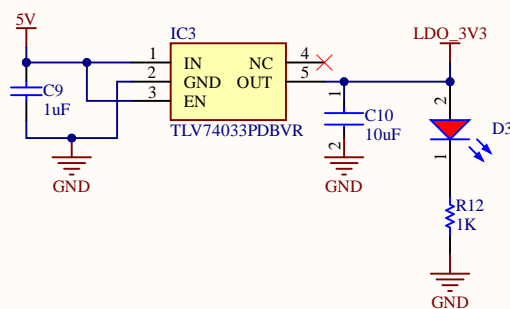
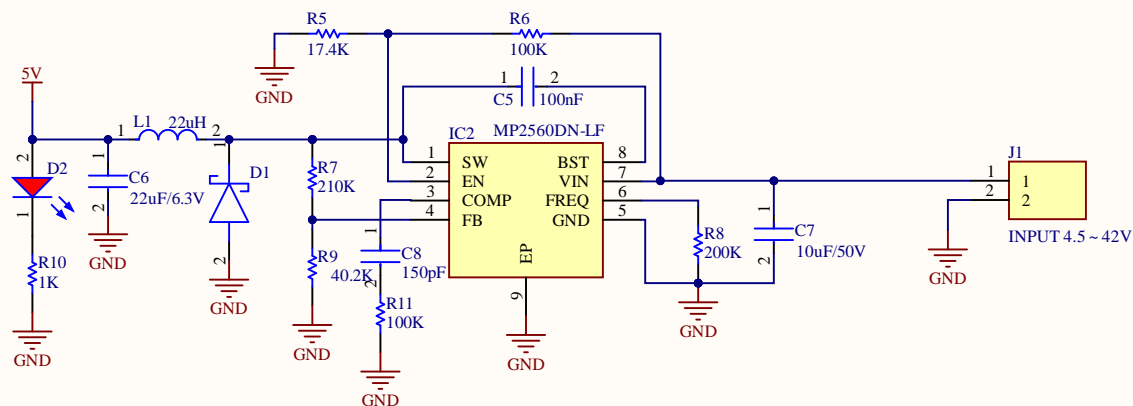
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Size	Number	Revision	
A4			
Date:	8/04/2024	Sheet	of 2
File:	C:\Users\...\MCU.SchDoc	Drawn By:	Arthur Oliveira

1

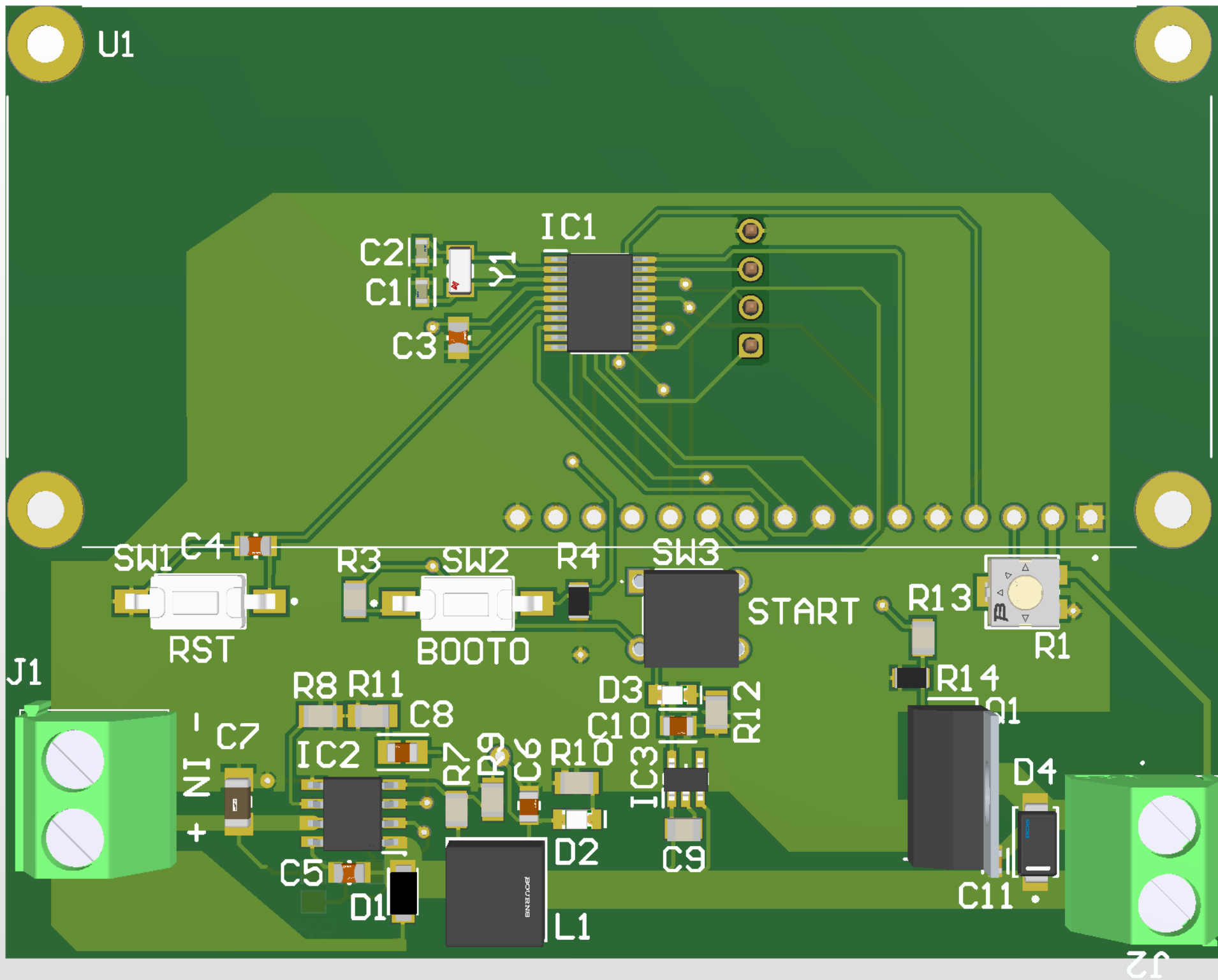
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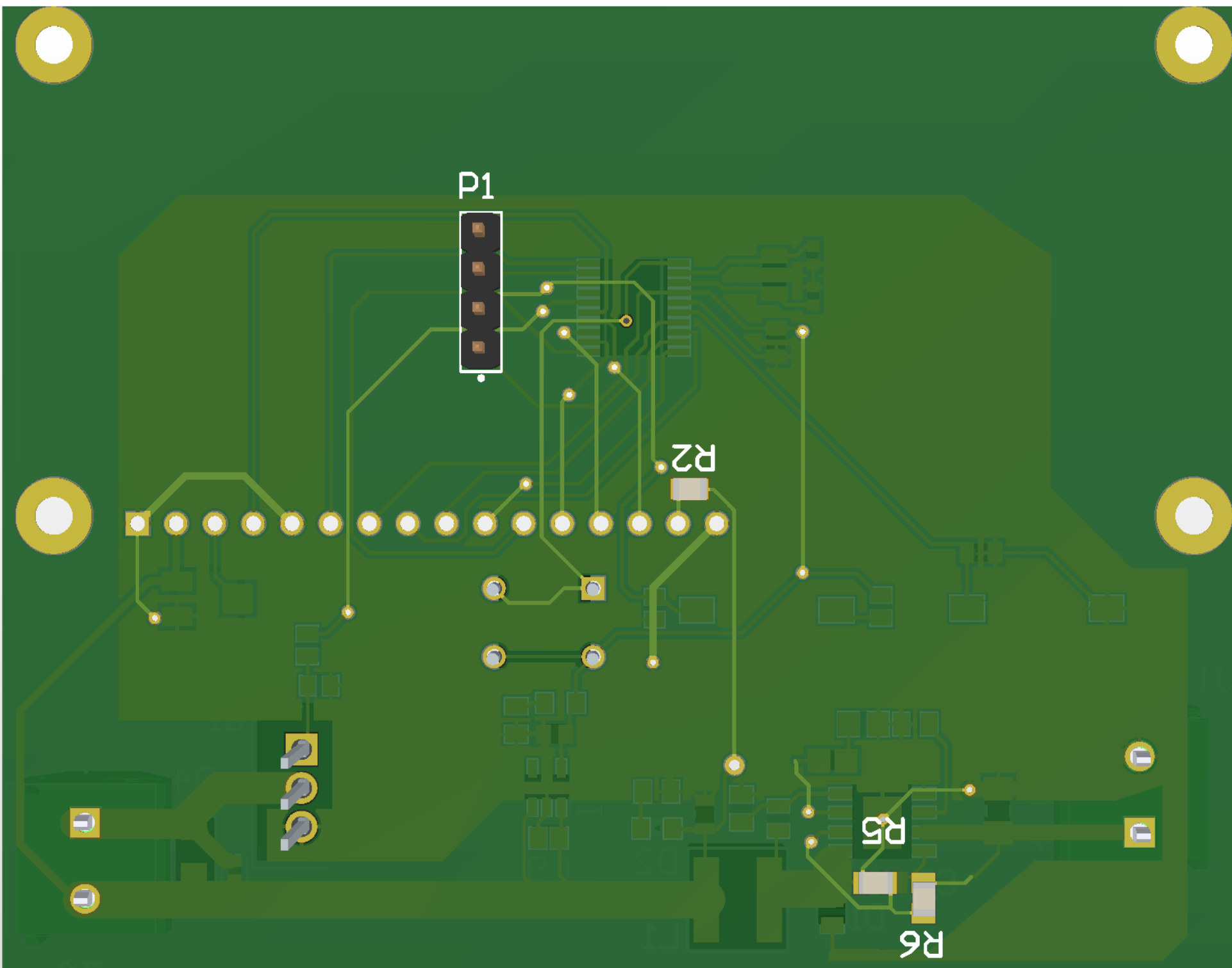
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4



Title		Desafio_HW_Sillion.PjPcb		PWR.SchDoc	
Size	Number	Revision			
A4					
Date:	8/04/2024	Sheet 2 of 2			
File:	C:\Users\...\PWR.SchDoc	Drawn By: Arthur Oliveira			





P1

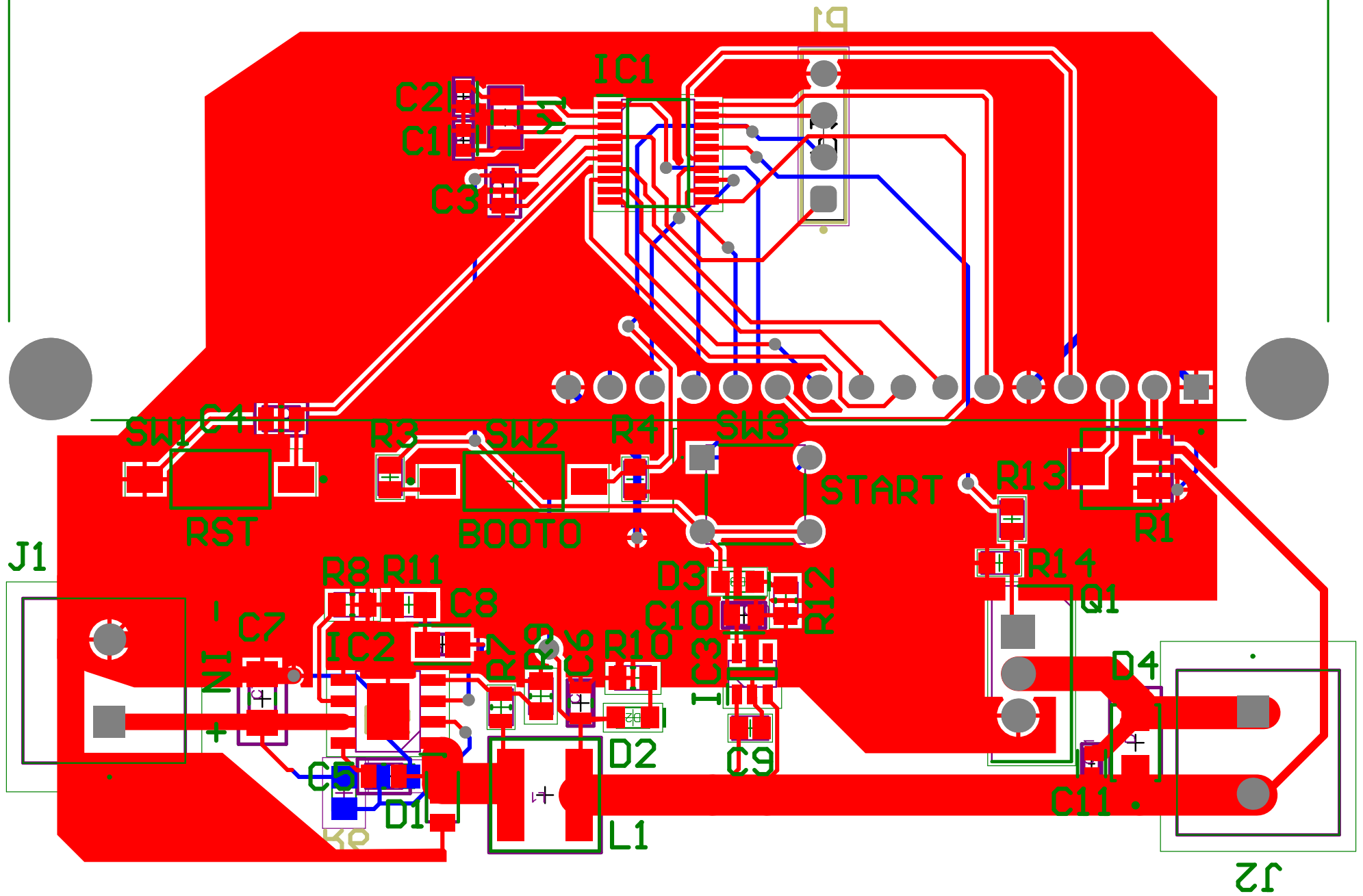
R2

R5

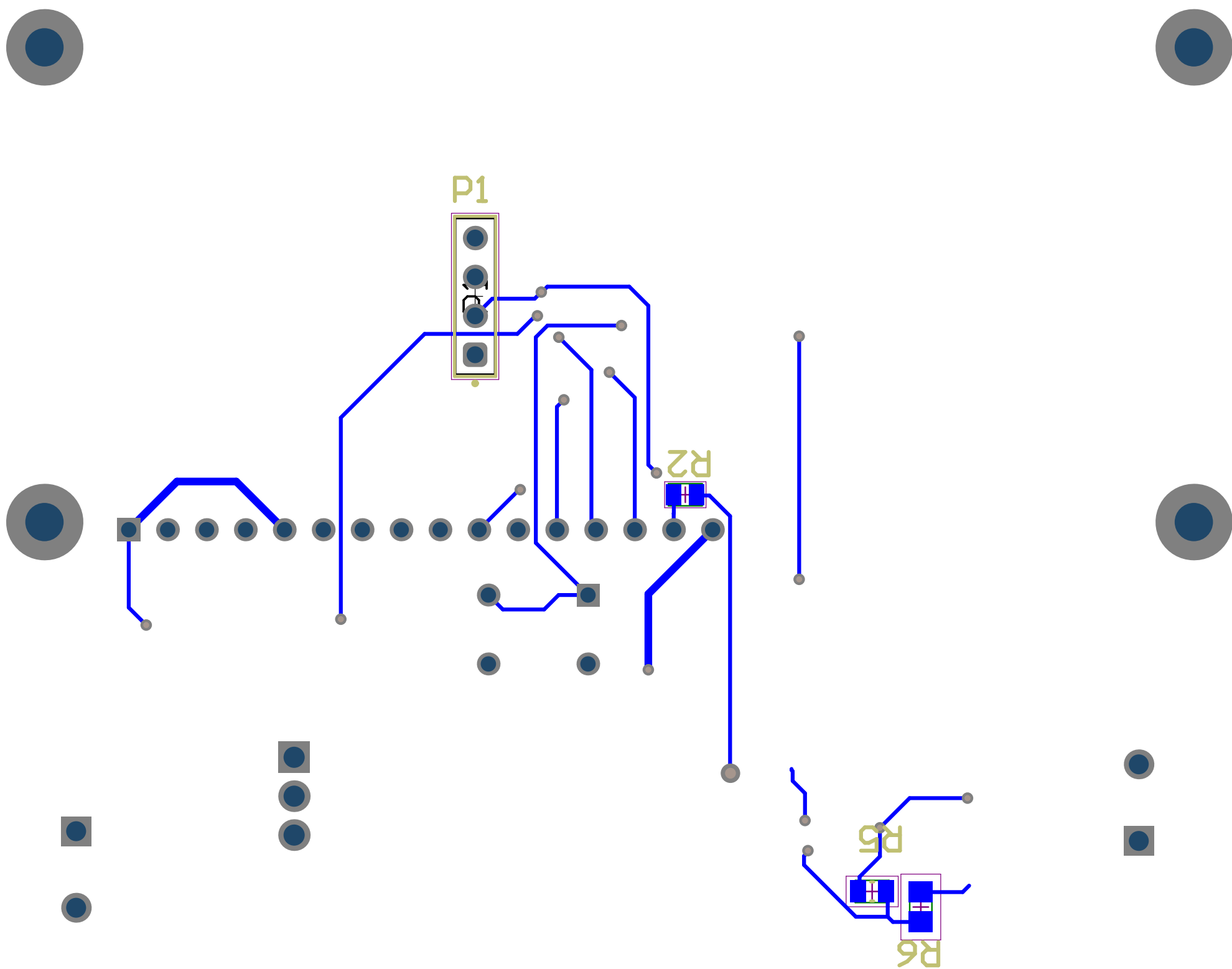
R6

13

U1







A

B

C

D

E

F

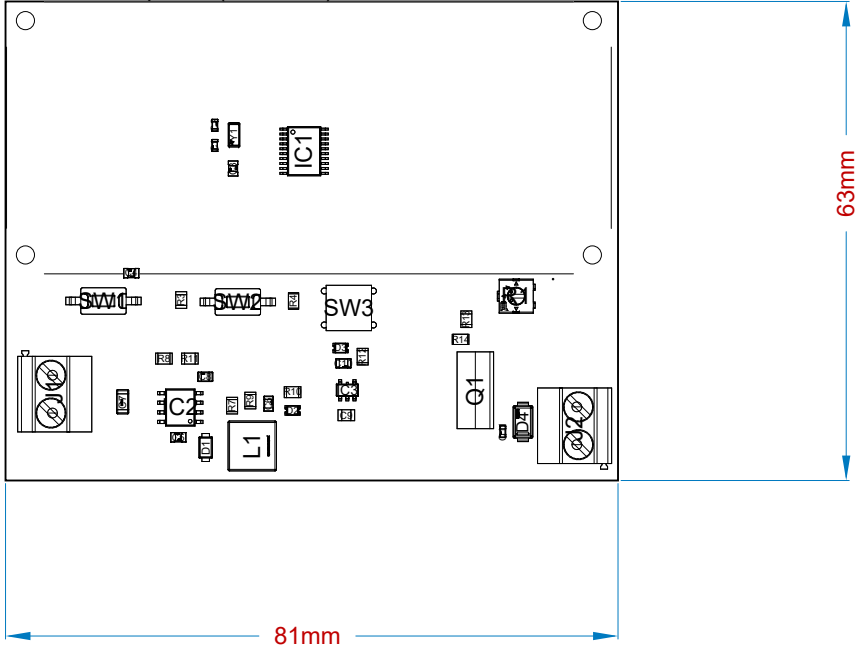
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2

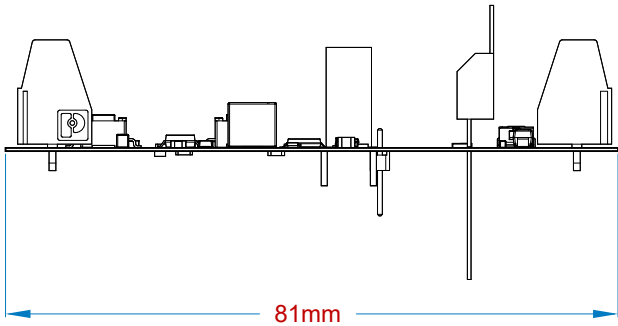
3

4

View from Top side (Scale 1:1)



View from Front side (Scale 1:1)



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE			
		DIMENSIONS ARE IN INCHES	DRAWN		04/08/2024	TITLE		
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			COMMENTS:		
		THREE PLACE DECIMAL ±						
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG. NO.	
		MATERIAL				SCALE: 1:1	WEIGHT:	SHEET 1 OF 1
		FINISH						
NEXT ASSY	USED ON	DO NOT SCALE DRAWING						
APPLICATION								