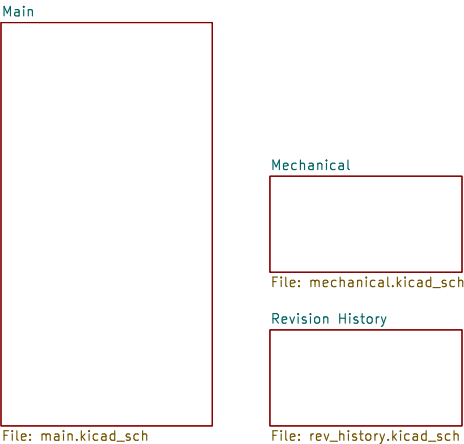


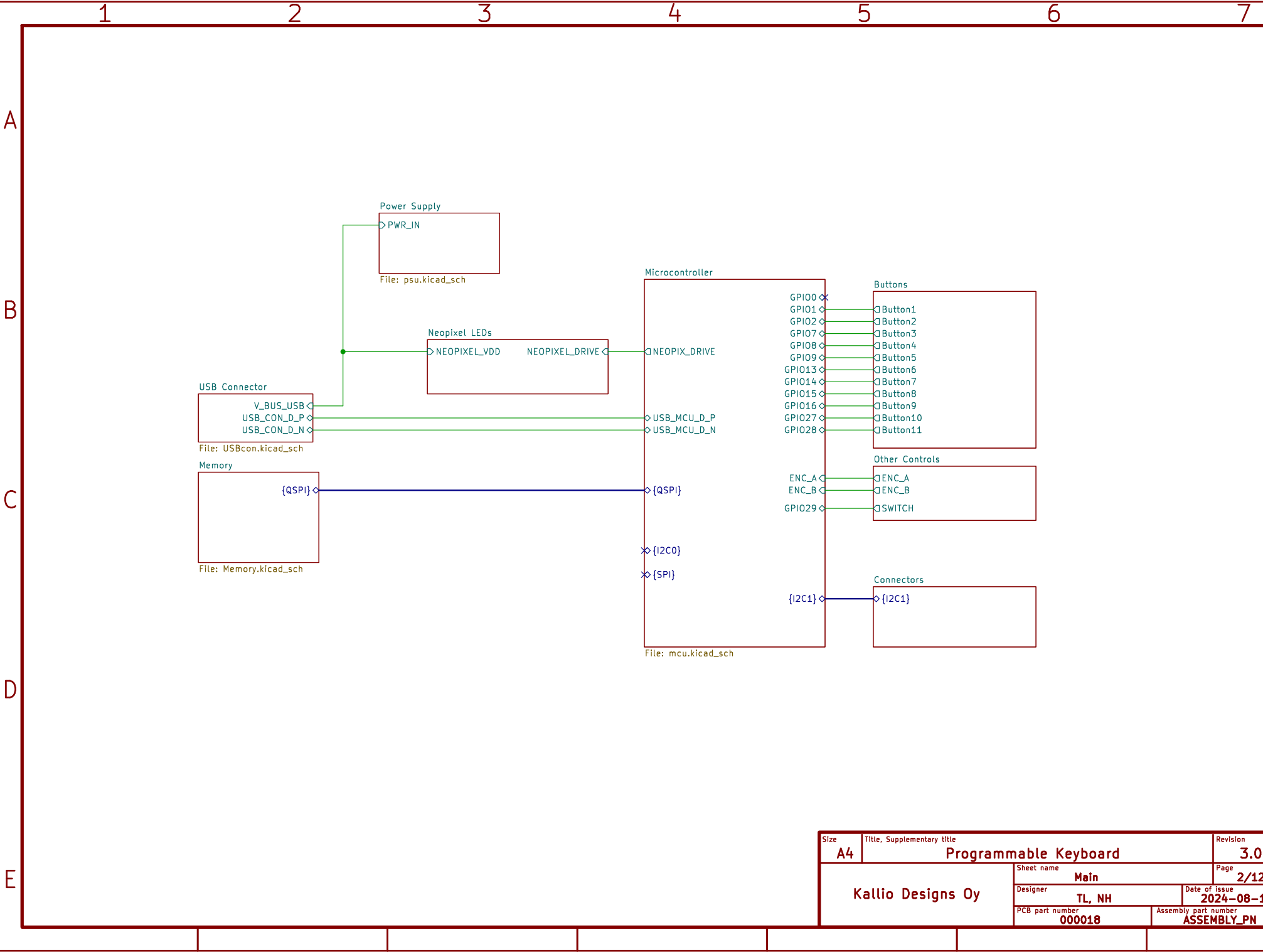
# Programmable Keyboard



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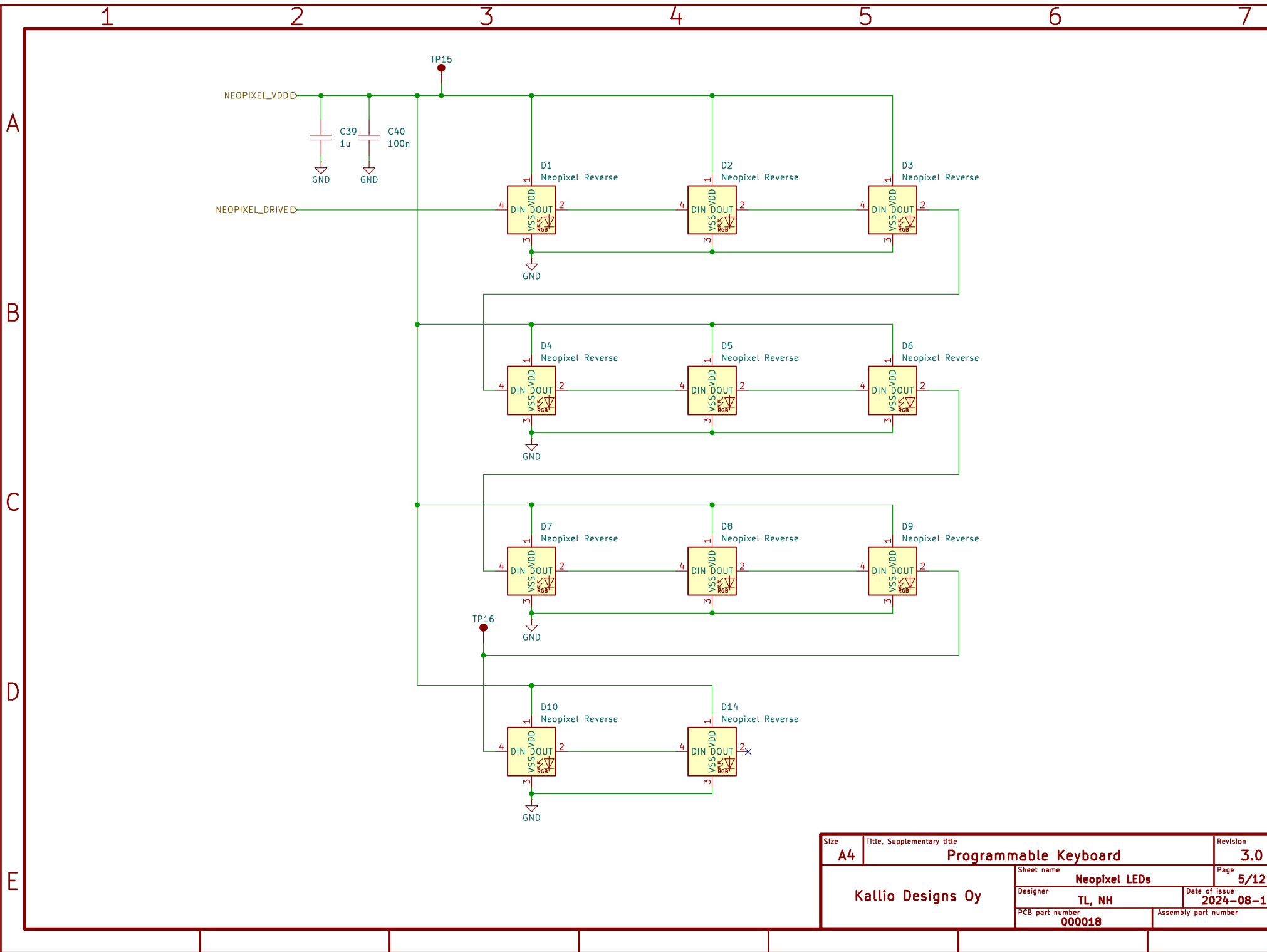
Size	Title, Supplementary title		Revision
A4	Programmable Keyboard		3.0
Kallio Designs Oy	Sheet name		Page
	Root		1/12
	Designer		Date of issue
	TL, NH		2024-08-18
PCB part number		Assembly part number	
000018		ASSEMBLY_PN	



Size	Title, Supplementary title		Revision
A4	Programmable Keyboard		3.0
Kallio Designs Oy		Sheet name	Page
		Main	2/12
		Designer	Date of issue
PCB part number		Assembly part number	
000018		ASSEMBLY_PN	
TL, NH		2024-08-18	







Size	Title, Supplementary title			Revision	
A4	Programmable Keyboard			3.0	
Kallio Designs Oy		Sheet name		Page	
		Neopixel LEDs		5/12	
		Designer		Date of issue	
		TL, NH		2024-08-18	
		PCB part number		Assembly part number	
		000018			

1

2

3

4

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6

7

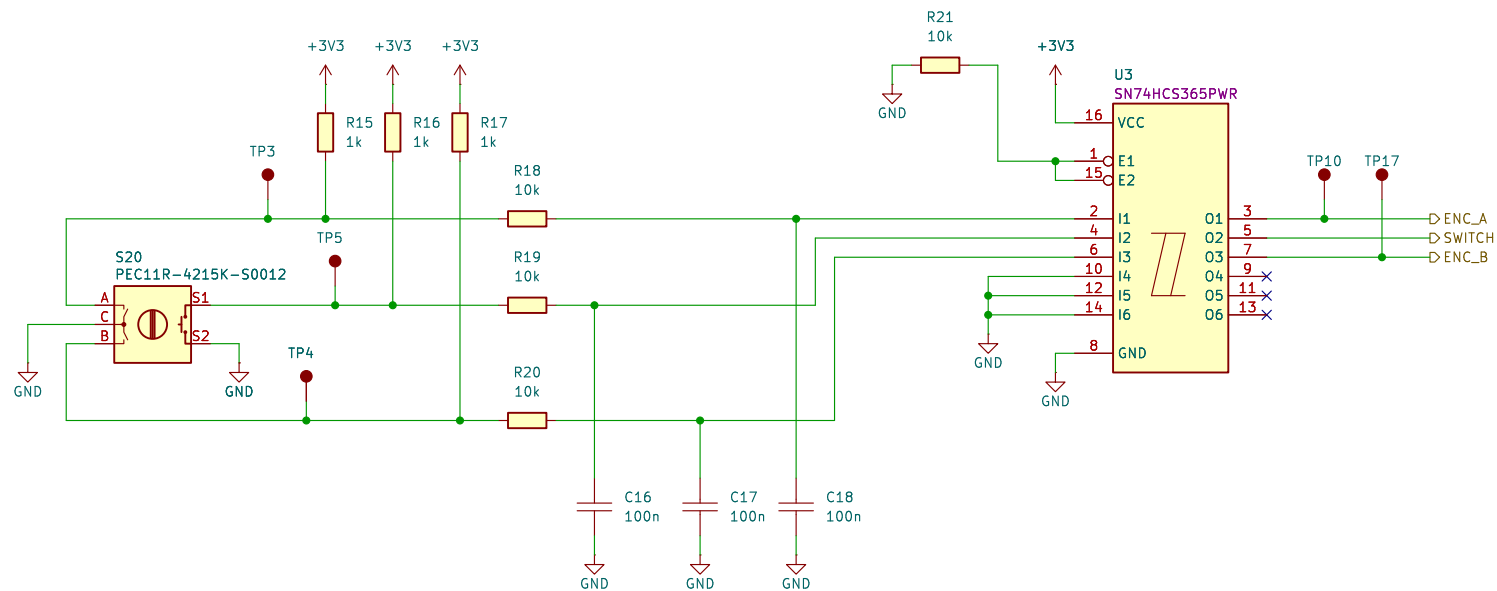
A

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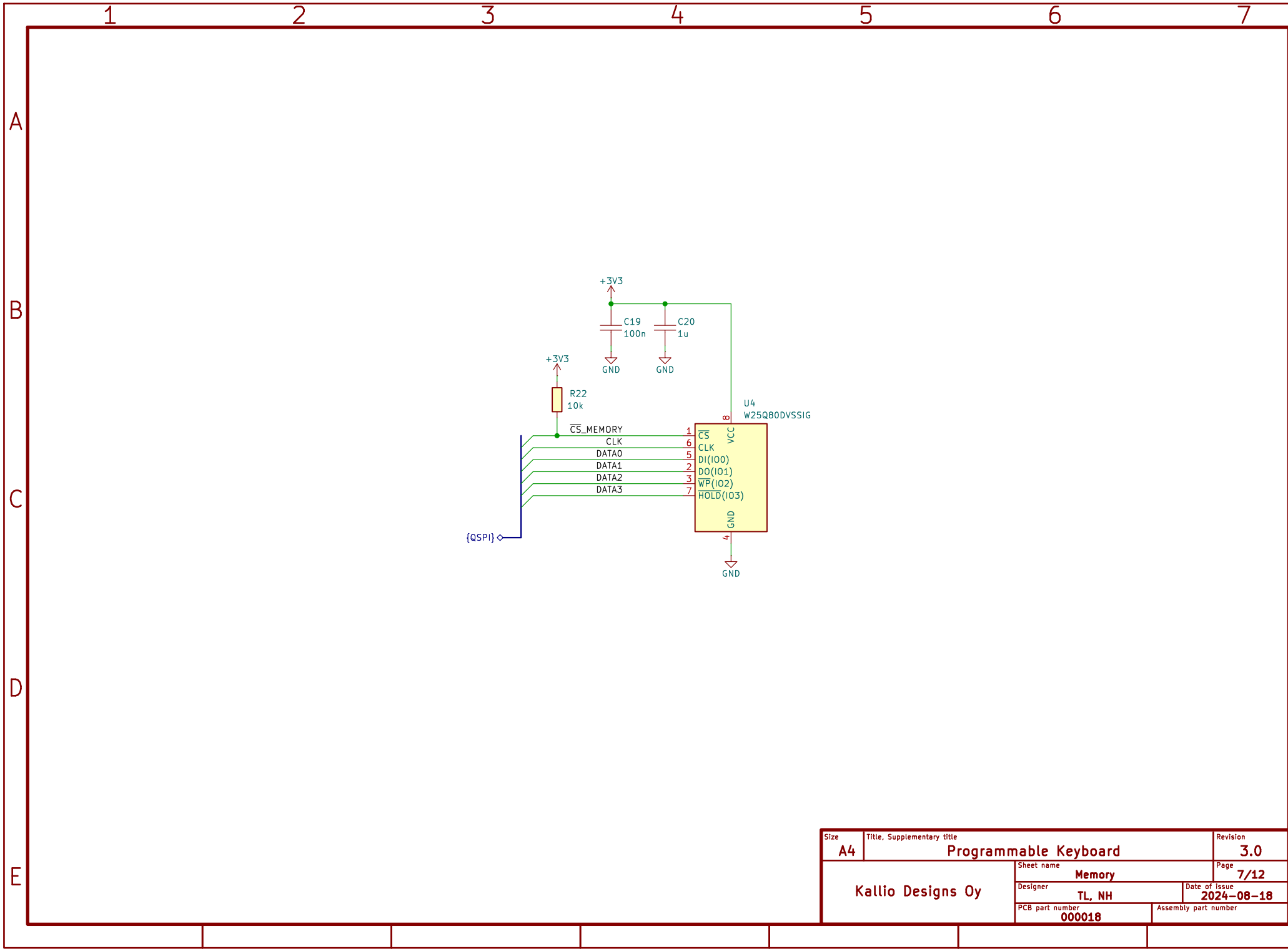
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D

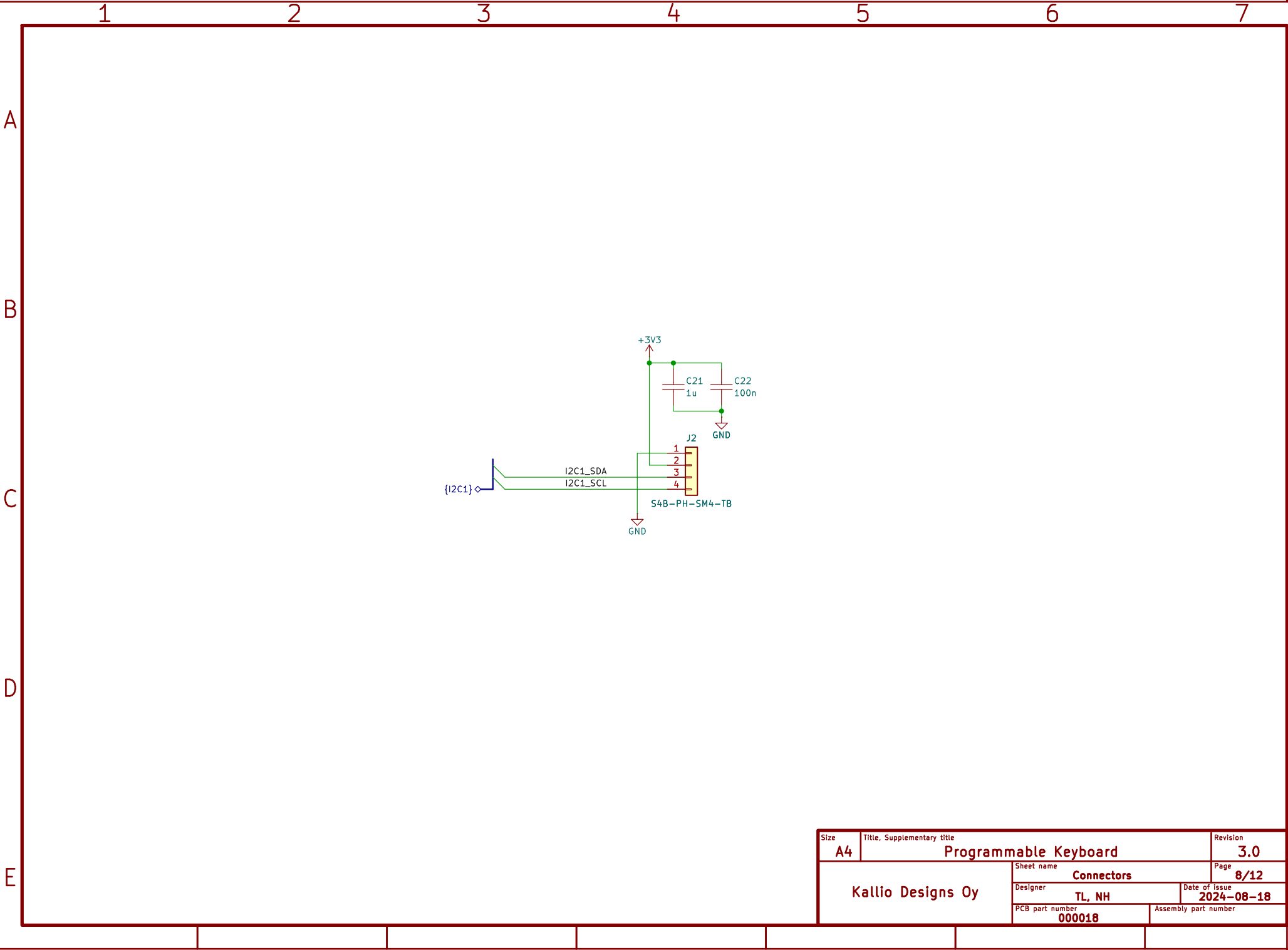
E



Size	Title, Supplementary title		Revision	
	A4	Programmable Keyboard		3.0
Kallio Designs Oy		Sheet name		Page
		Other Controls		6/12
		Designer		Date of issue
		TL, NH		2024-08-18
		PCB part number		Assembly part number
		000018		



Size	Title, Supplementary title		Revision
	A4 Programmable Keyboard		3.0
Kallio Designs Oy		Sheet name	Page
		Memory	7/12
		Designer	Date of issue
		TL, NH	2024-08-18
		PCB part number	Assembly part number
		000018	



Size	Title, Supplementary title		Revision	
	A4		Programmable Keyboard	
Kallio Designs Oy		Sheet name		Page
		Connectors		8/12
PCB part number		Designer		Date of issue
		TL, NH		2024-08-18
000018		Assembly part number		



1 2 3 4 5 6 7

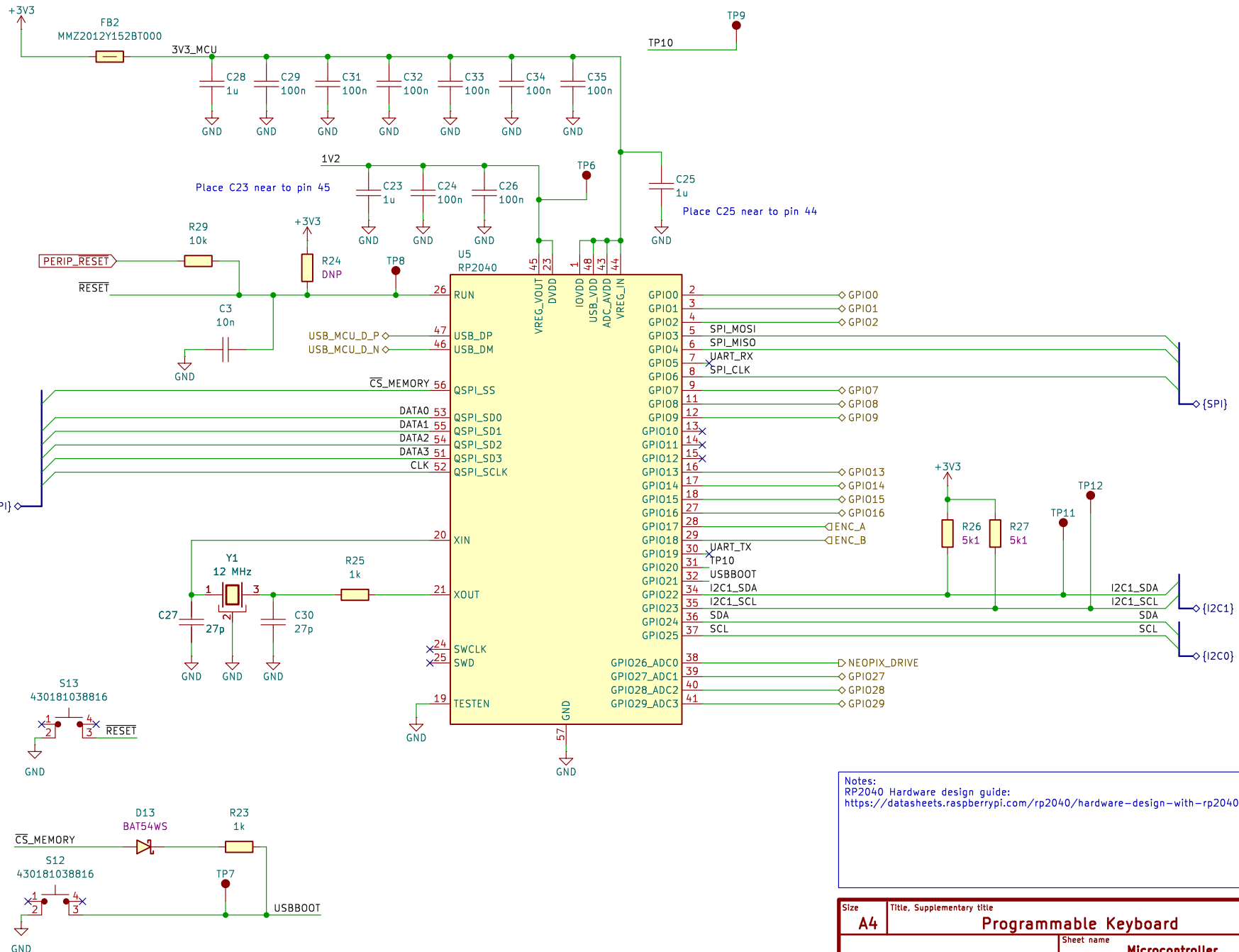
A

B

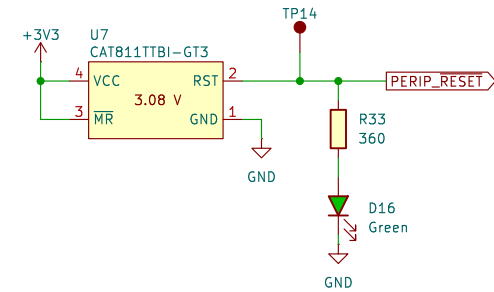
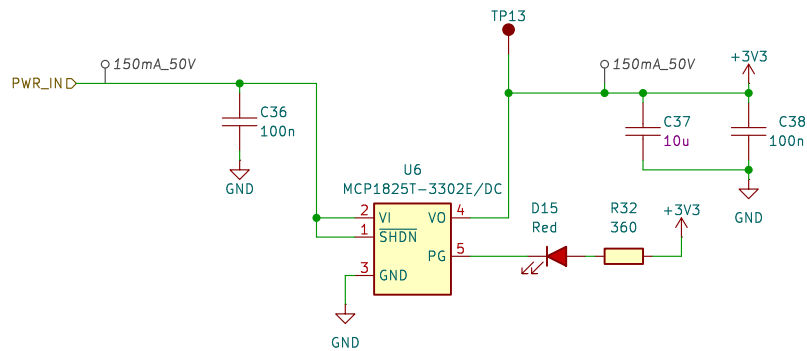
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D

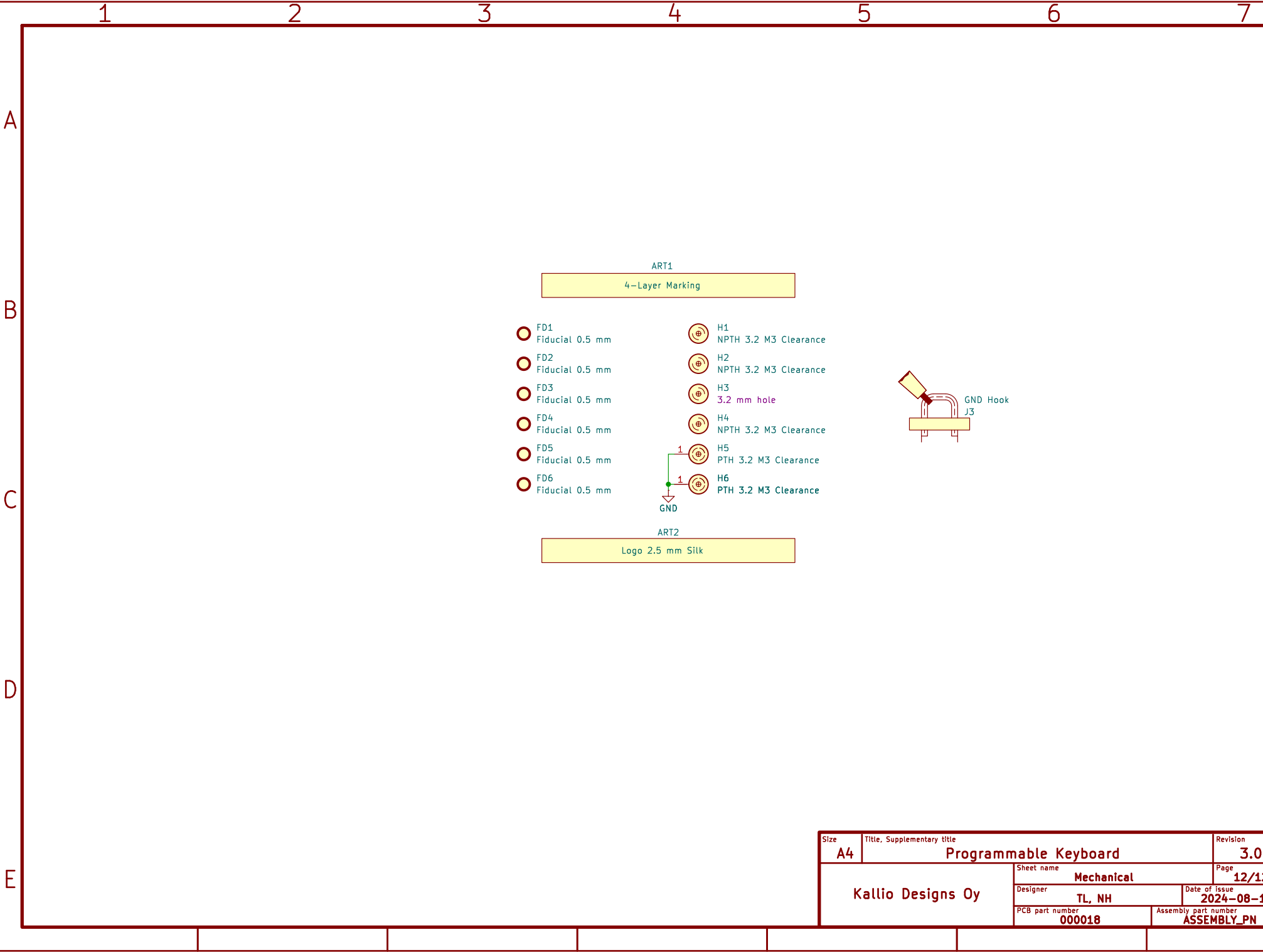
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Size	Title, Supplementary title		Revision
A4	Programmable Keyboard		3.0
Kallio Designs Oy		Sheet name	Microcontroller
		Designer	TL, NH
		Date of issue	2024-08-18
PCB part number		Assembly part number	
000018			



Size	Title, Supplementary title		Revision
A4	Programmable Keyboard		3.0
Kallio Designs Oy		Sheet name	Page
		Power Supply	11/12
		Designer	Date of issue
PCB part number		Assembly part number	
000018		ASSEMBLY_PN	



	1	2	3	4	5	6	7
A							
B							
C							
D							
E							

REVISION HISTORY				
REV	DATE	DESCRIPTION	DESIGNER	
1.0	19.10.2023	Initial	Teemu Latonen Niko Hämäläinen	
2.0	14.07.2024	USB Signals reversed Oscillator Y1 changed USB series resistor value changed from 10 ohm to 27 ohm	Teemu Latonen	

Size	Title, Supplementary title		Revision	
A4	Programmable Keyboard		3.0	
Kallio Designs Oy		Sheet name	Revision History	
		Designer	TL, NH	Date of issue 2024-08-18
		PCB part number	000018	Assembly part number ASSEMBLY_PN