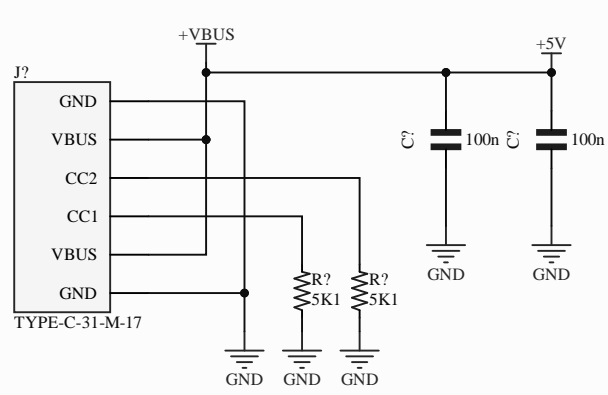
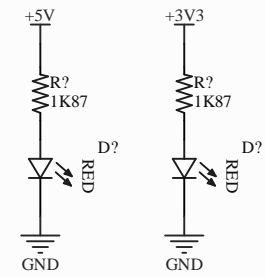


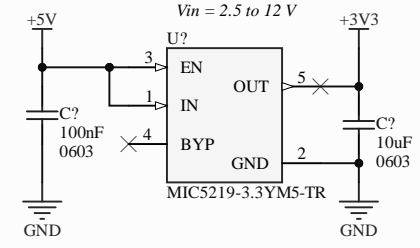
USB-C Connector



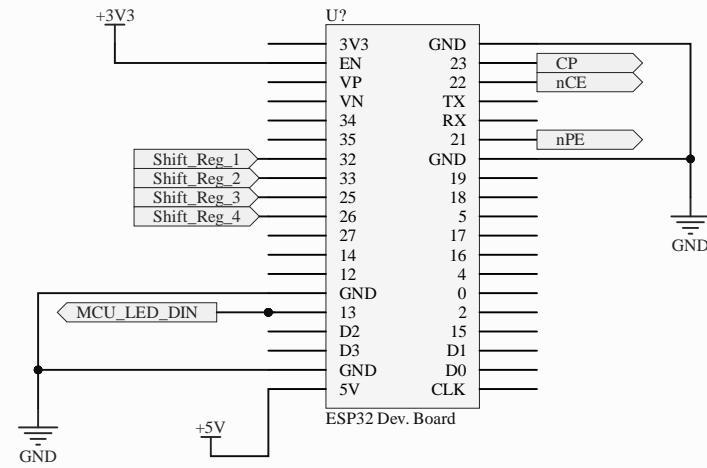
Indicator LEDs



+3V3 LDO



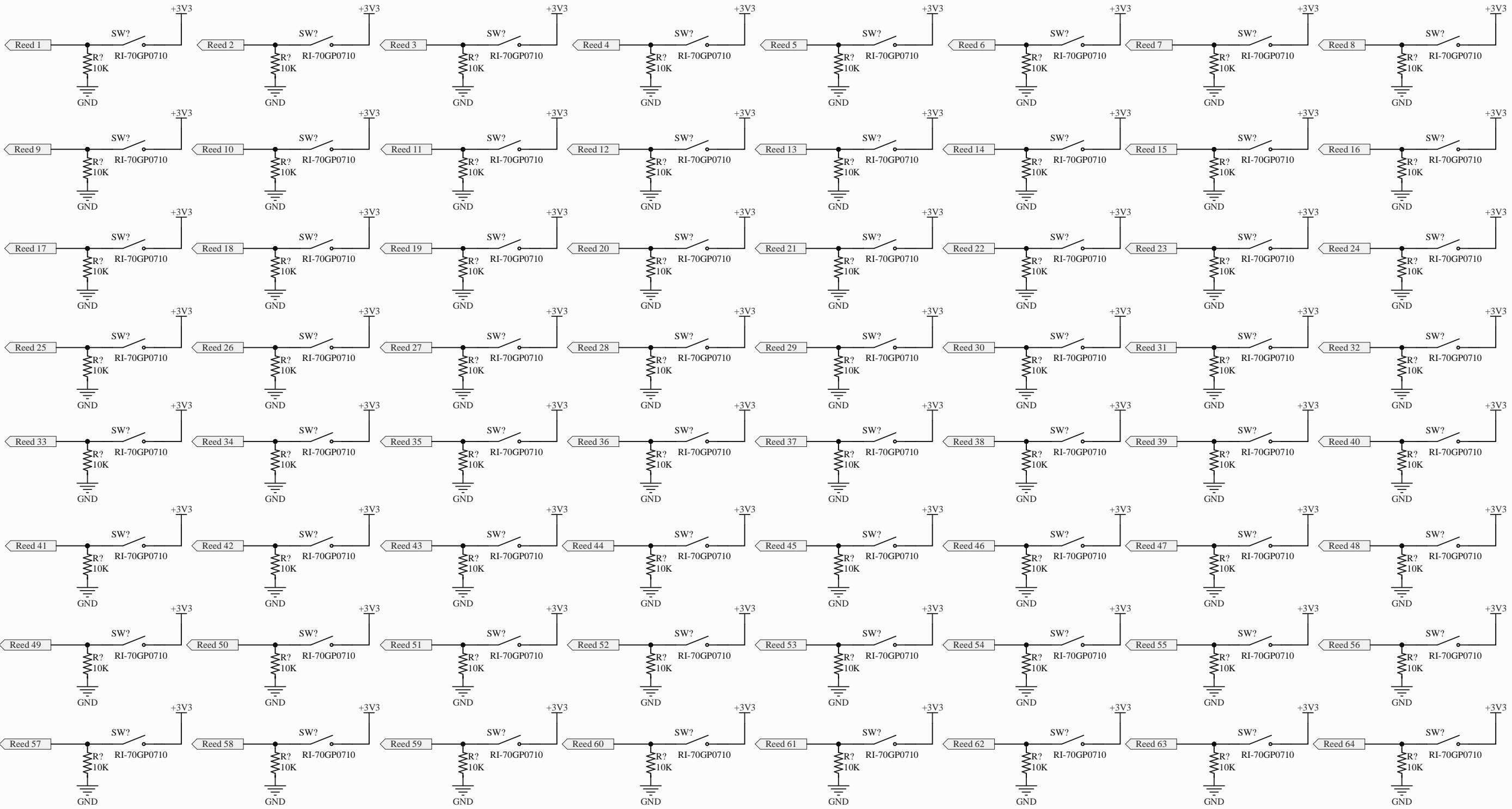
Microcontroller



EN pin set to logic HIGH because it turns on the MCU chip.

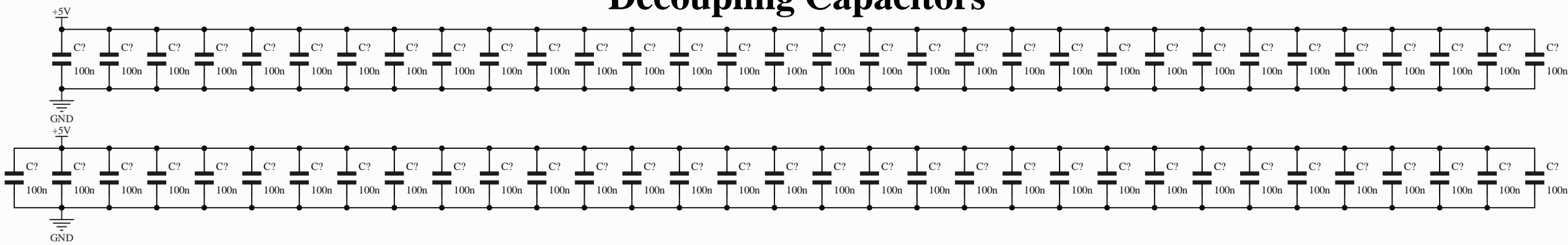
Title		
Size	Number	Revision
A4		
Date:	9-22-2024	Sheet of
File:	C:\Users\...\Microcontroller and Power Management\SchDoc	

Reed Switches

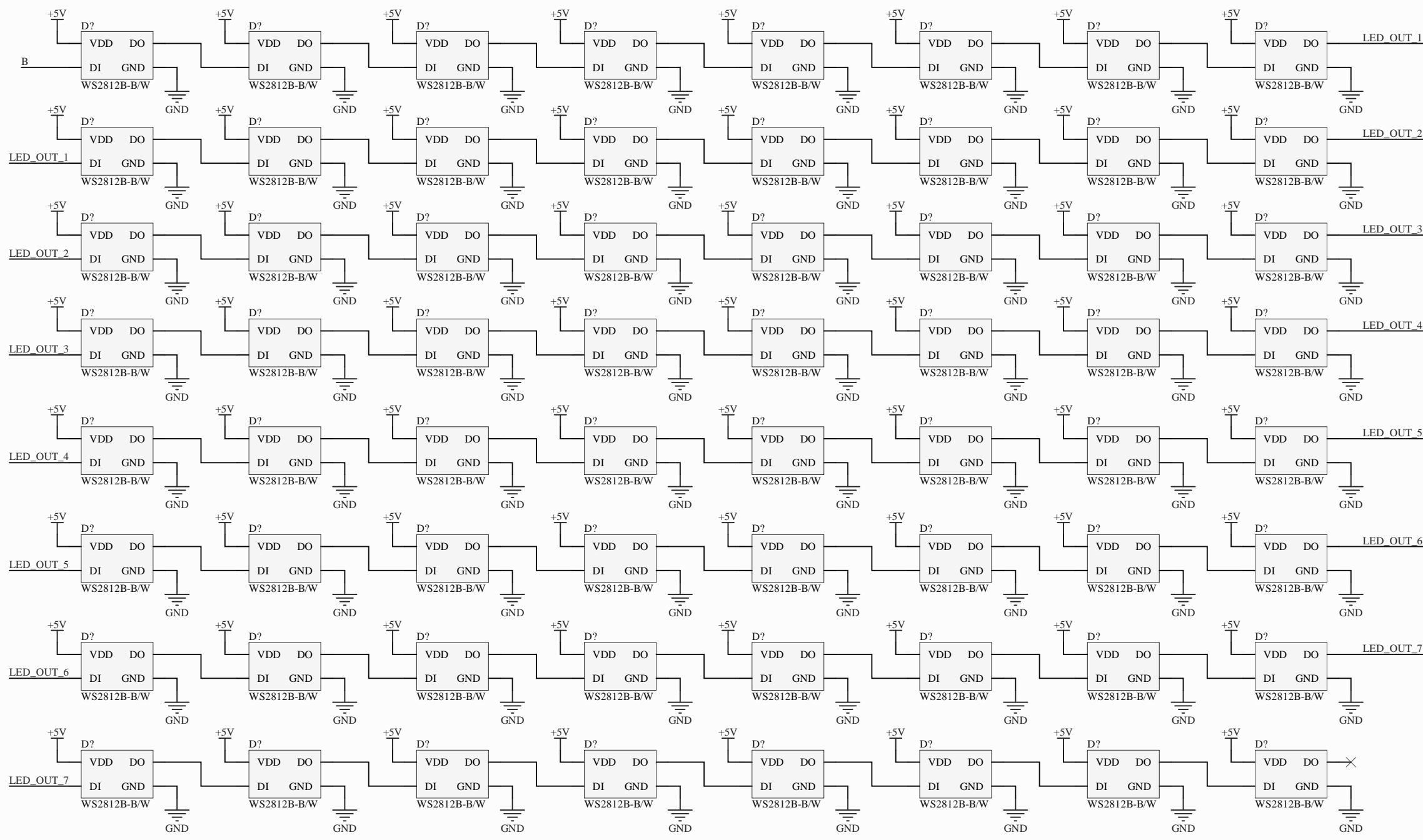


Title		
Size A3	Number	Revision
Date:	9-22-2024	Sheet of
File:	C:\Users\...\Reed Switches.SchDoc	Drawn By:

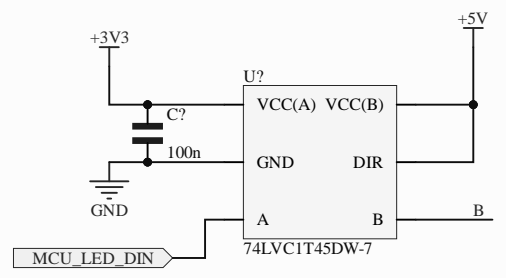
# Decoupling Capacitors



# LEDs

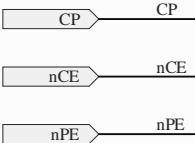


# Level Shifter

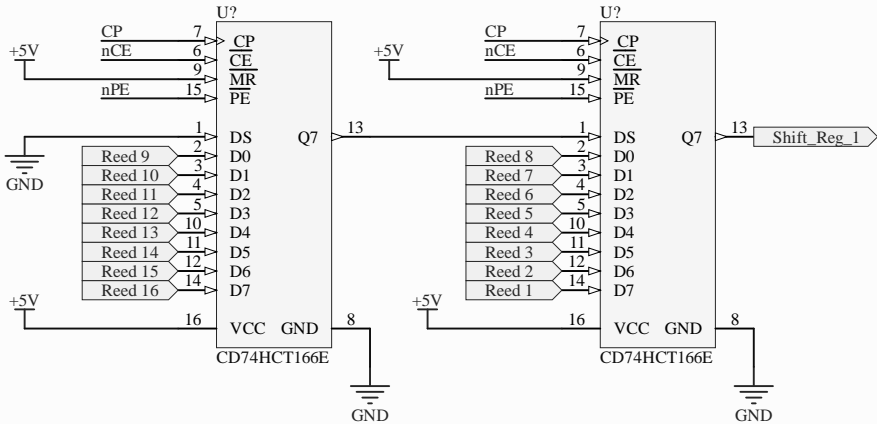


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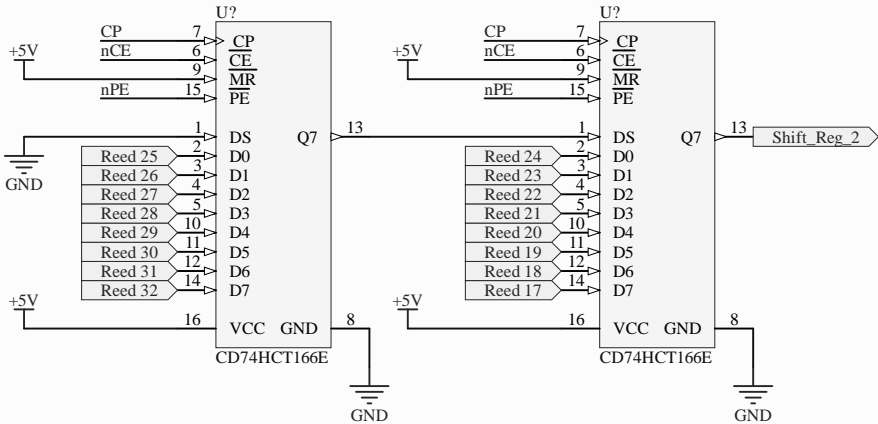
# Shift Registers



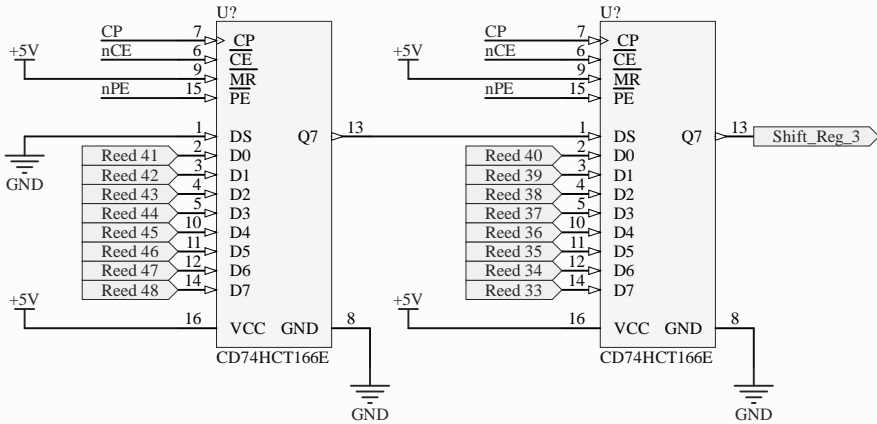
Rows 1 and 2



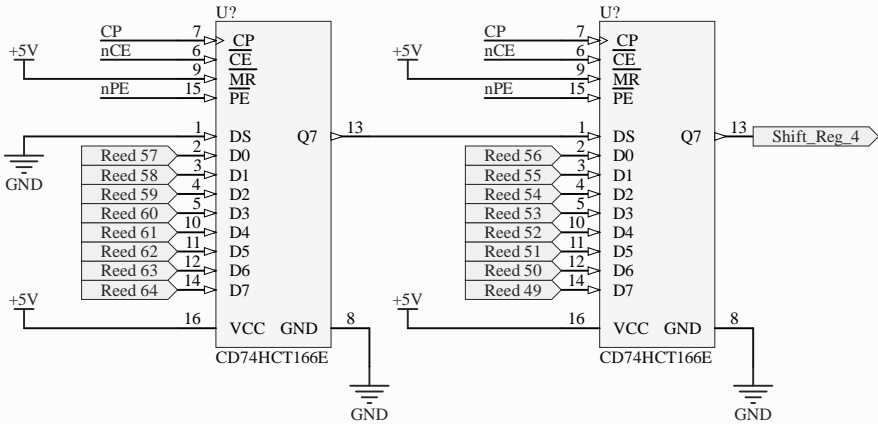
Rows 3 and 4



Rows 5 and 6



Rows 7 and 8



Note: According to the datasheet, for the proper functioning of the shift registers, all the pins must be set HIGH or LOW.

Title		
Size	Number	Revision
A4		
Date:	9-22-2024	Sheet of
File:	C:\Users\...\Shift Registers.SchDoc	Drawn By: