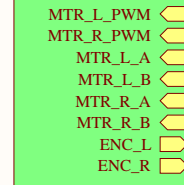


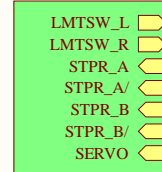
# OBC Top Sheet

PC104 Connectors

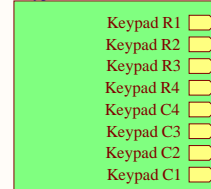
DCMTR\_ENC



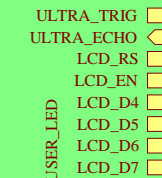
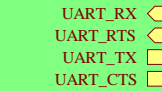
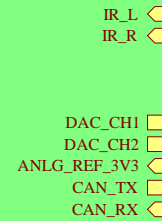
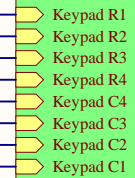
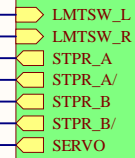
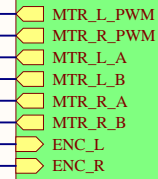
STPR\_LMTSW\_SRV



Keypad



MCU  
Nucleo



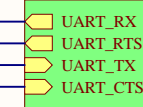
IR



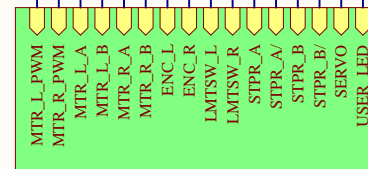
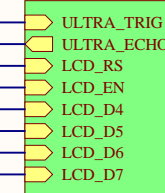
CAN\_DAC



RS232



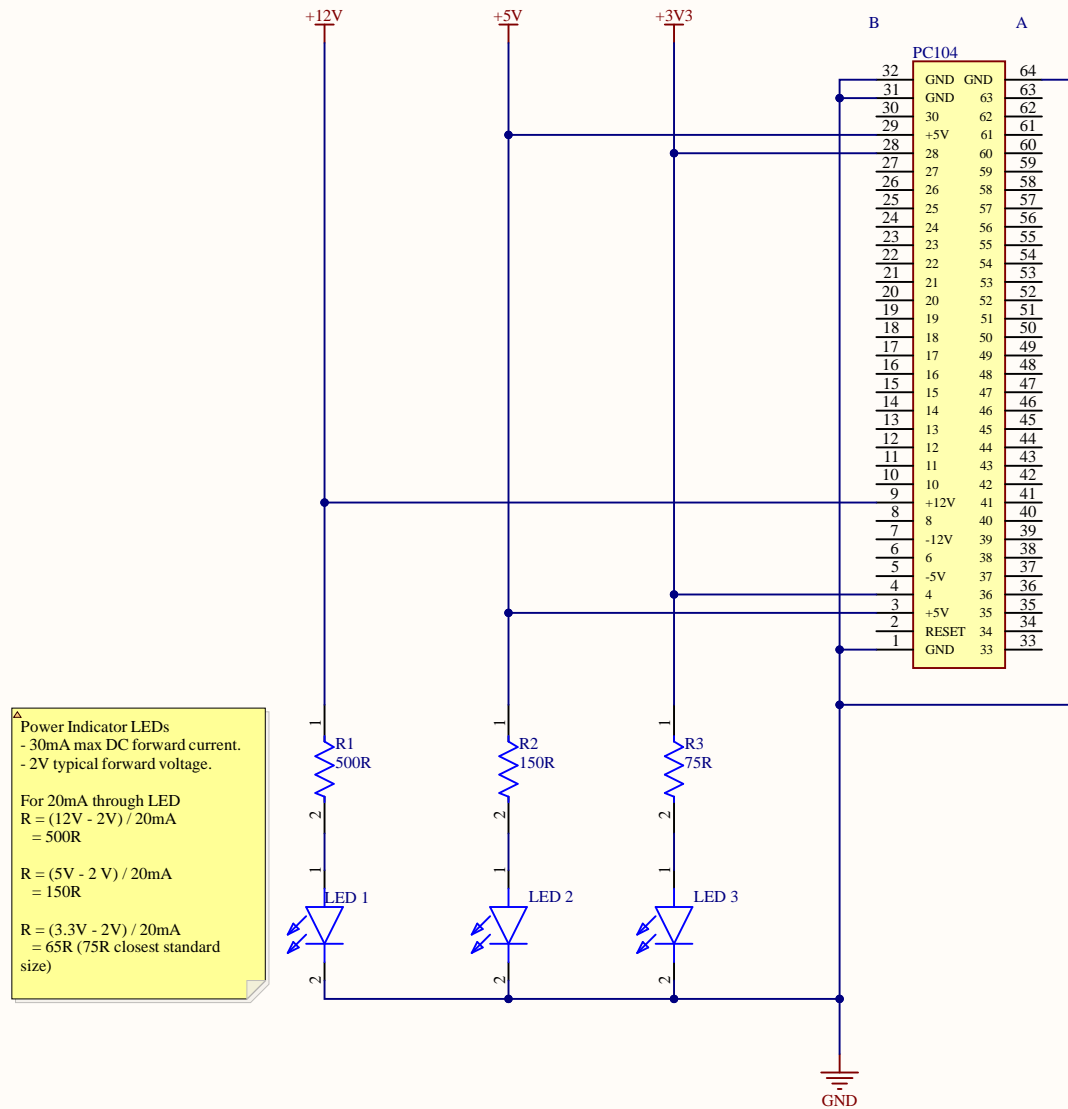
LCD\_ULTRA



Debug

Title OBC Top Sheet			
Size Letter	Number		Revision 1.0
Date: 2-20-2023	Sheet of		
File: C:\Users\...\Top_Sheet.SchDoc	Drawn By: Noah Grant		

# PC/104 8-bit Connector

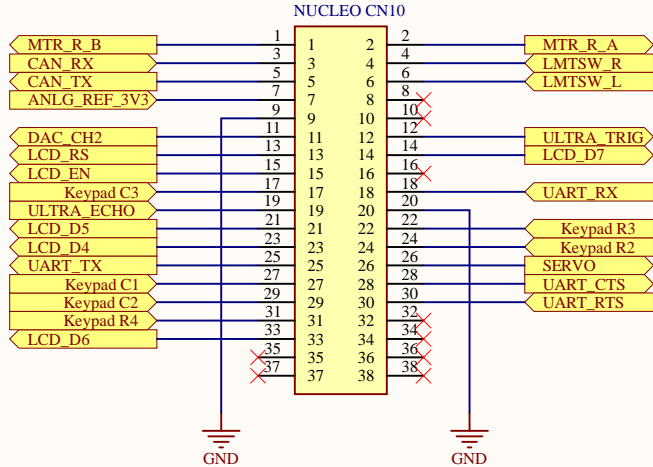
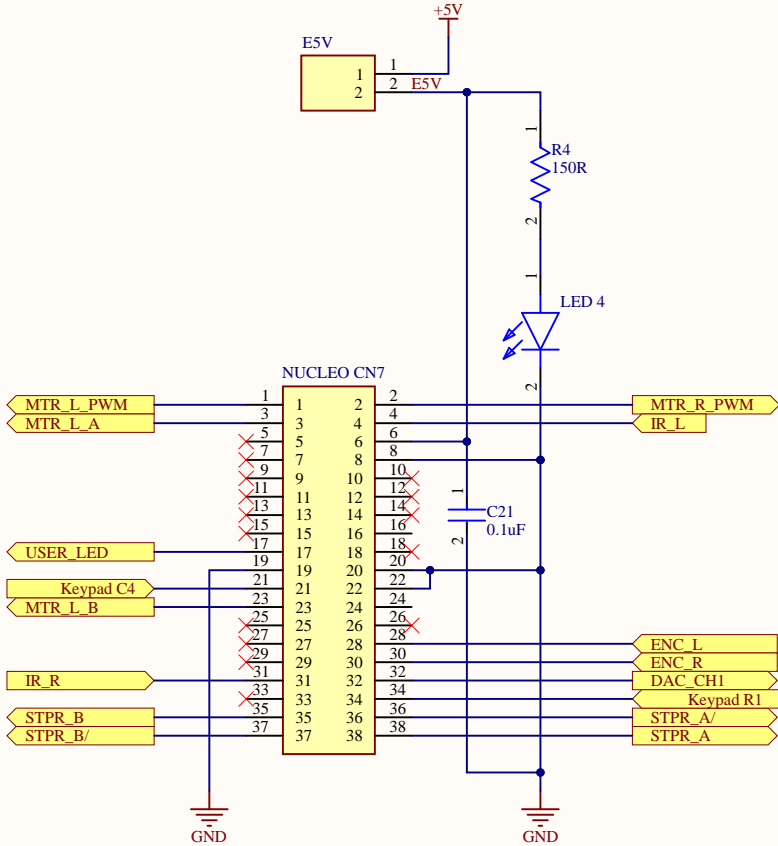


3V3 pin connections do not line up with PC/104 standard.

The placement of the connector on the PCB lines up with PC/104 standard.

Title PC/104 8-bit Connector		
Size Letter	Number	Revision 1.3
Date:	2-20-2023	Sheet of
File:	C:\Users\...\PC104_Connectors.SchDoc	Drawn By: Noah Grant

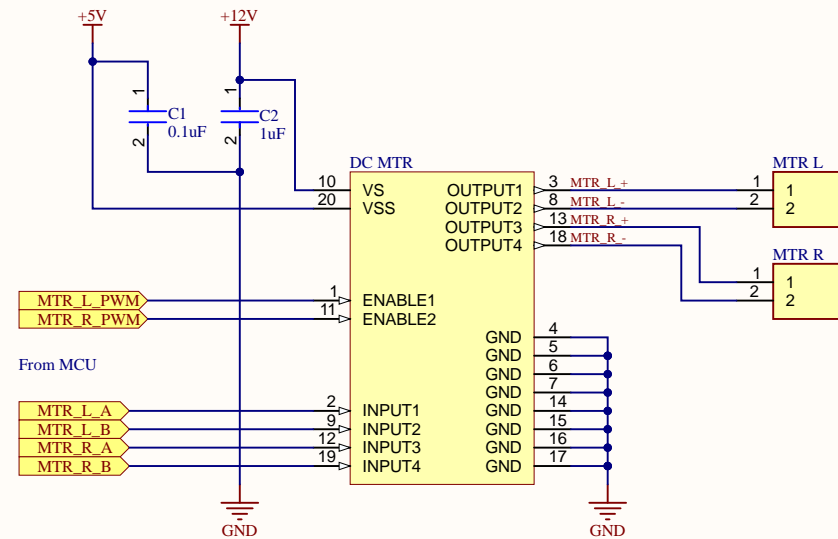
# Nucleo Connectors



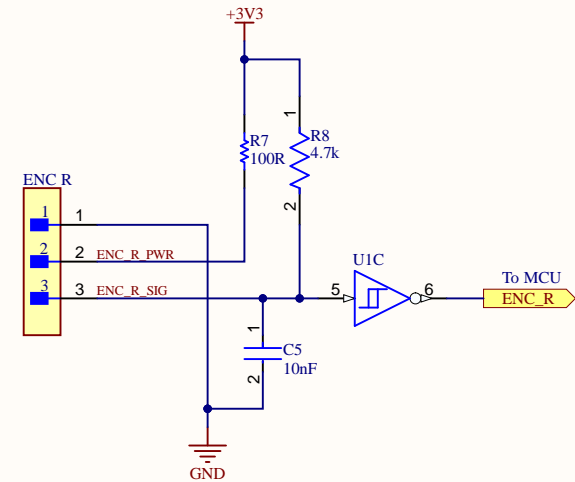
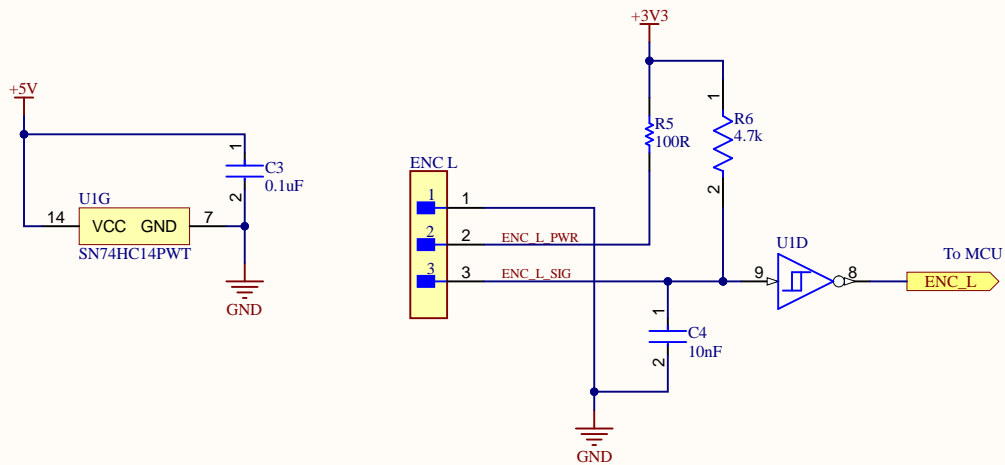
Title			Nucleo Connectors		
Size	Number			Revision	
Letter				1.2	
Date:	2-20-2023			Sheet of	
File:	C:\Users\...Nucleo.SchDoc			Drawn By: Noah Grant	

# DC Motors & Encoders

## DC Motors



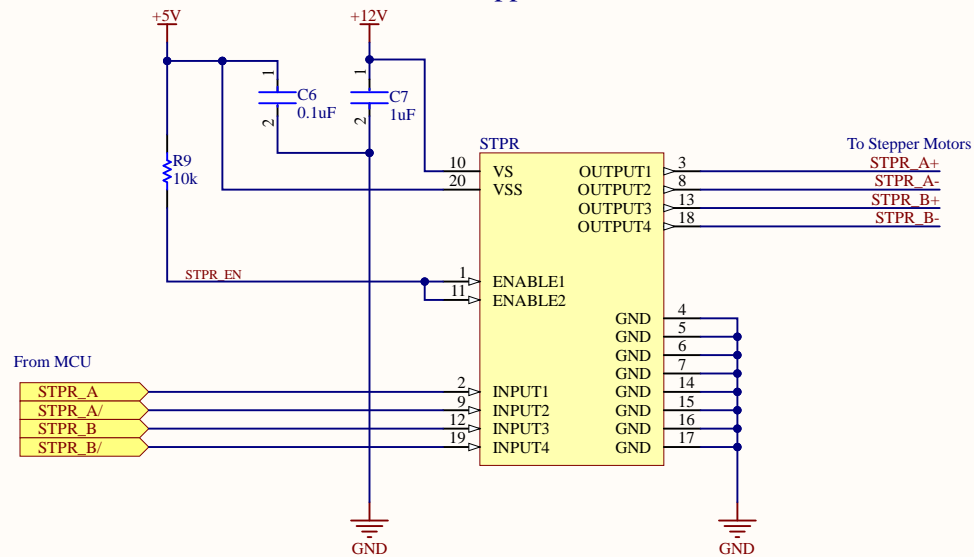
## Encoder



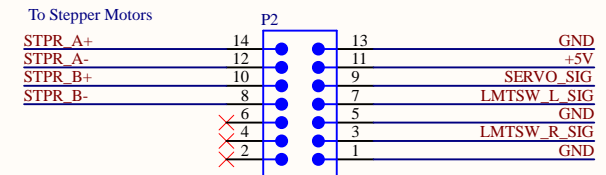
Title		
DC Motors & Encoders		
Size	Number	Revision
Letter		1.3
Date:	2-20-2023	Sheet of
File:	C:\Users\...\DCMTR_ENC.SchDoc	Drawn By: Noah Grant

# Stepper, Limit Switch, Servo

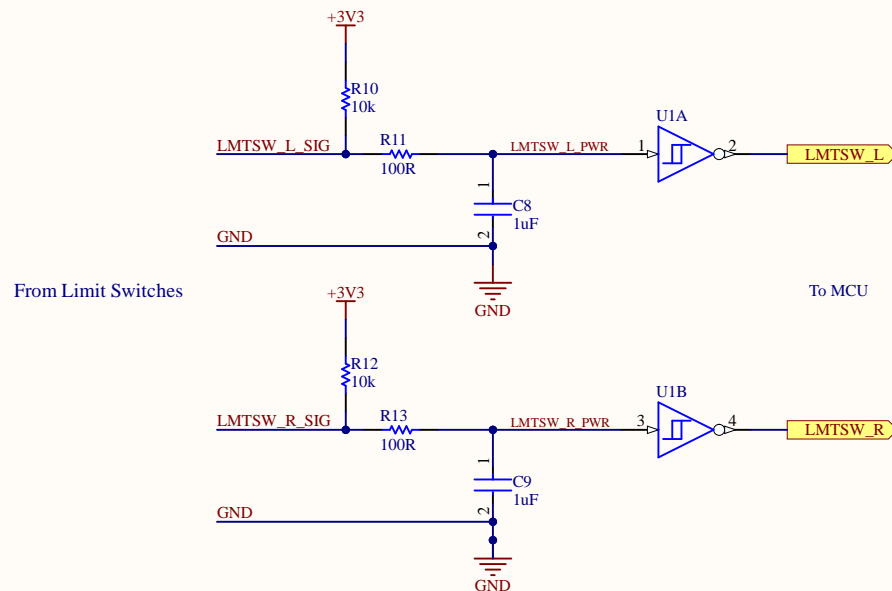
## Stepper Motor



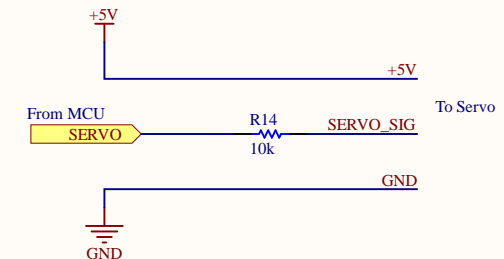
## Stepper, Limit Switch & Servo Interface



## Limit Switches

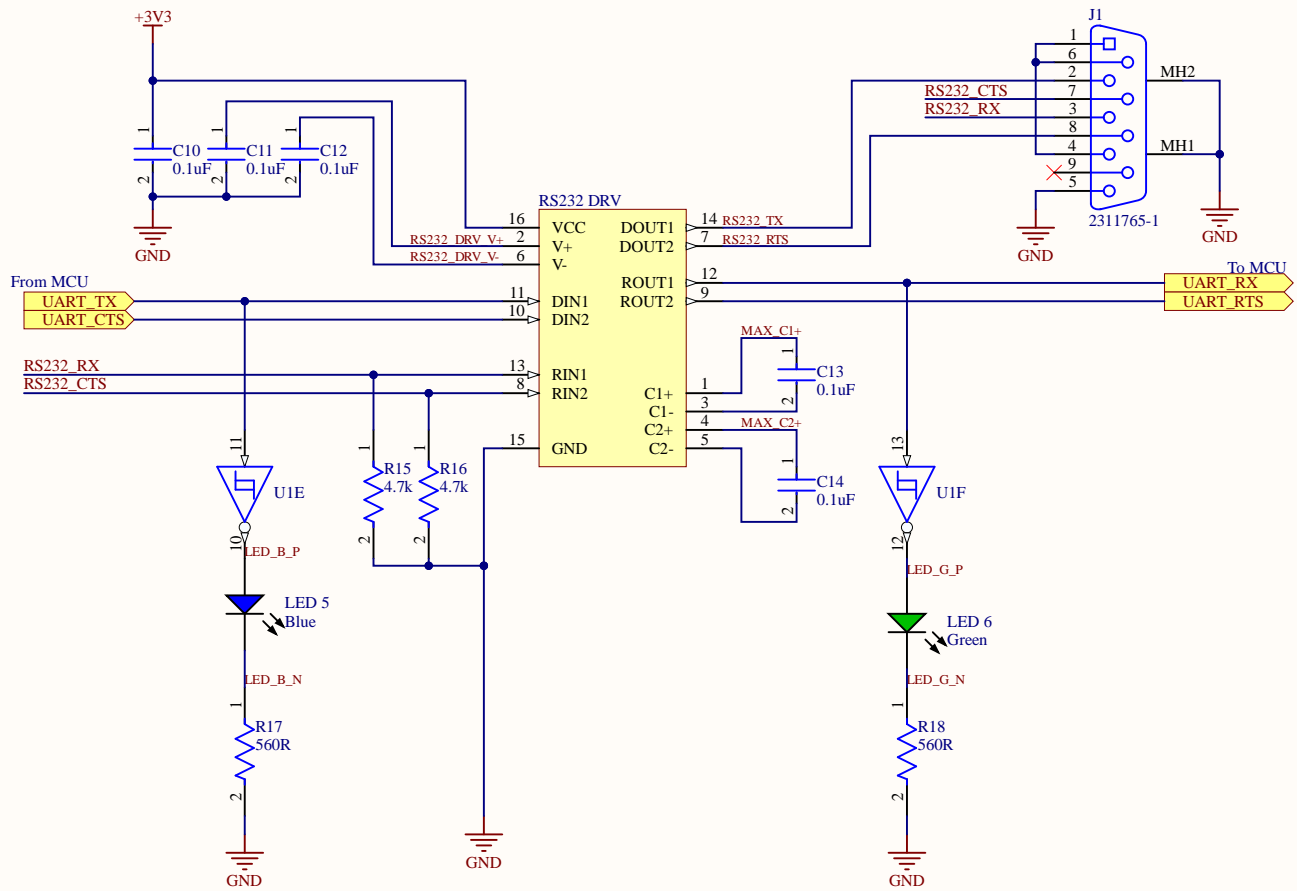
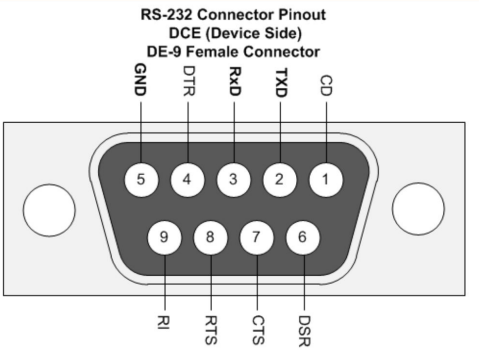


## Servo



Title Stepper, Limit Switch, Servo		
Size Letter	Number	Revision 1.3
Date: 2-20-2023	Sheet of	
File: C:\Users\...\STPR_LMTSW_SRV.SchDoc	Drawn By: Noah Grant	

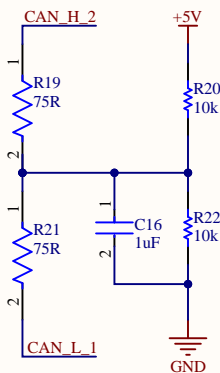
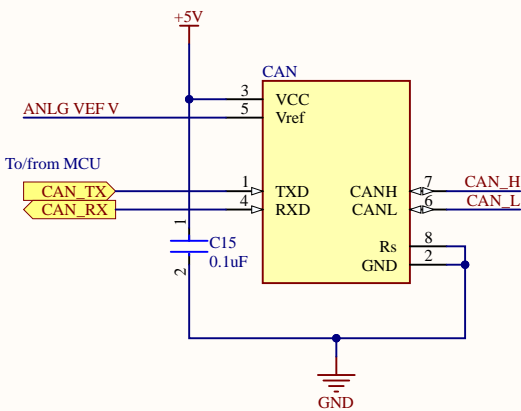
# RS232



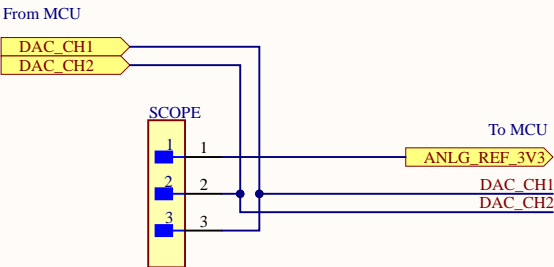
Title RS232		
Size Letter	Number	Revision 1.1
Date:	2-20-2023	Sheet of
File:	C:\Users\...\RS232.SchDoc	Drawn By: Noah Grant

# CAN & DAC

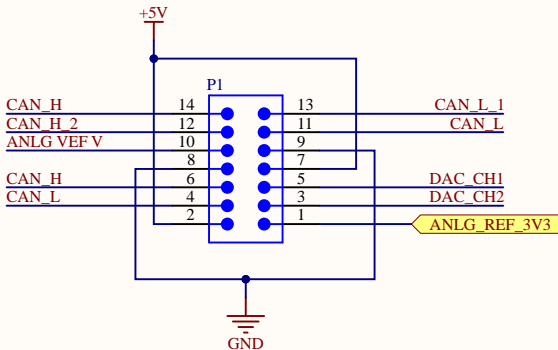
## CAN



## DAC



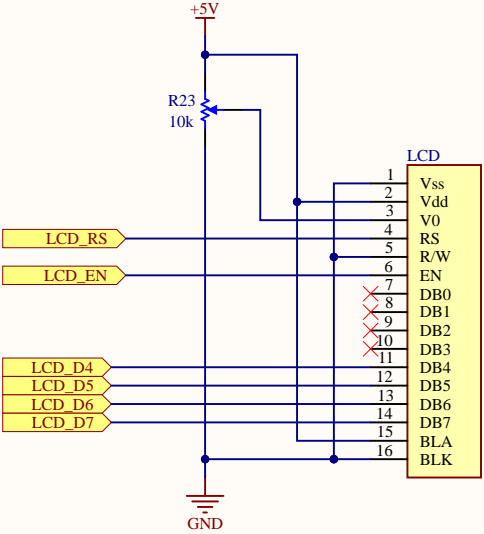
## CAN and DAC Interface



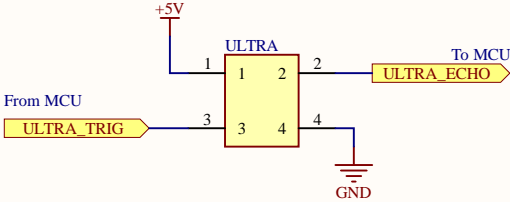
Title		
CAN & DAC		
Size	Number	Revision
Letter		1.3
Date:	2-20-2023	Sheet of
File:	C:\Users\...\CAN_DAC.SchDoc	Drawn By: Noah Grant

# LCD & Ultrasonic

1602A LCD Interface



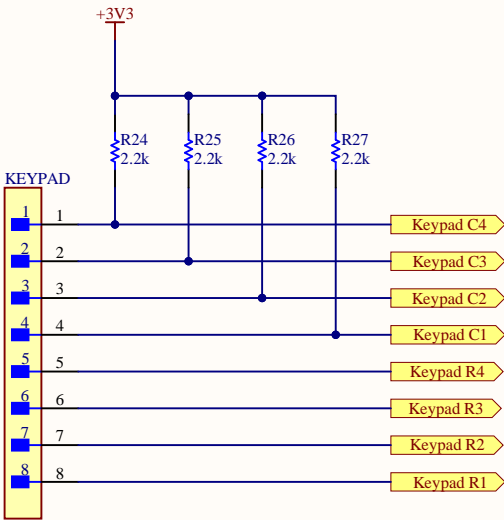
Ultrasonic Sensor



Title LCD & Ultrasonic		
Size Letter	Number	Revision 1.2
Date:	2-20-2023	Sheet of
File:	C:\Users\...\LCD_ULTRA.SchDoc	Drawn By: Noah Grant

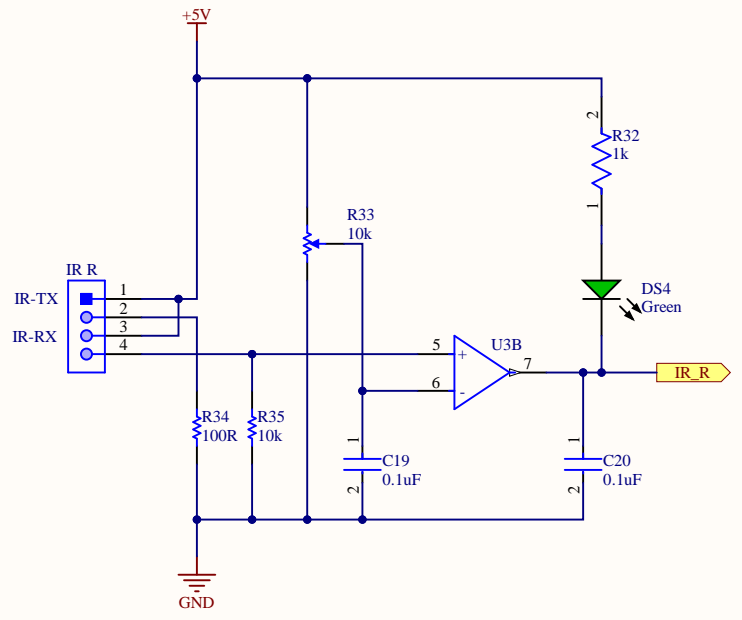
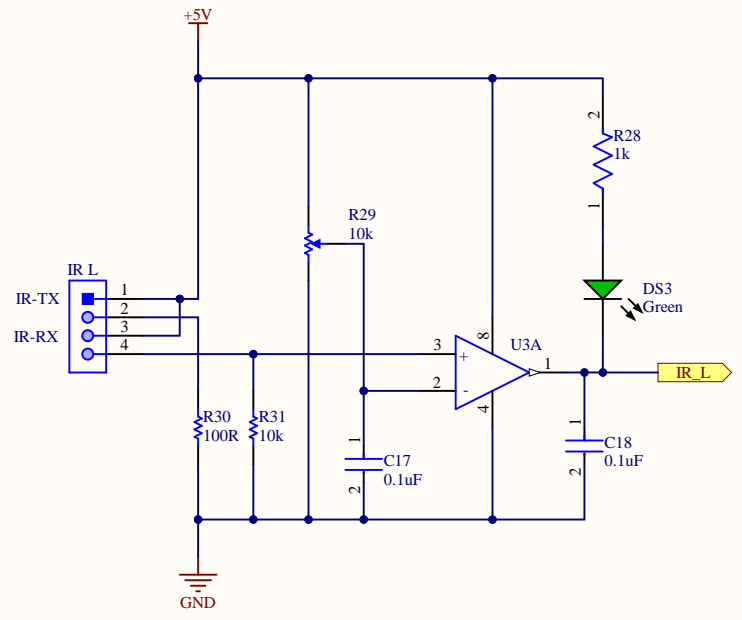


# Keypad



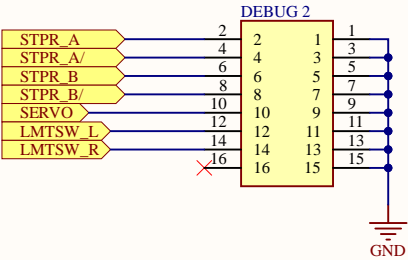
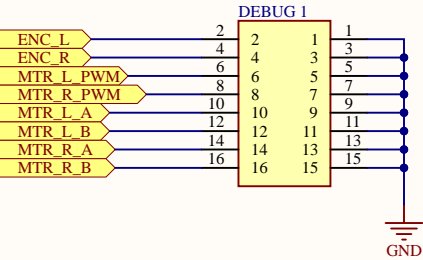
Title Keypad		
Size Letter	Number	Revision 1.1
Date:	2-20-2023	Sheet of
File:	C:\Users\...\Keypad.SchDoc	Drawn By: Noah Grant

# Infrared Sensors

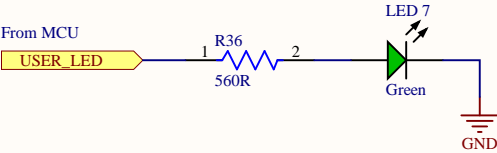


Title Infrared Sensors		
Size Letter	Number	Revision 1.0
Date:	2-20-2023	Sheet of
File:	C:\Users\...\IR.SchDoc	Drawn By: Noah Grant

# Debug Connectors



## User LED



Title Debug Connectors		
Size Letter	Number	Revision 1.1
Date:	2-20-2023	Sheet of
File:	C:\Users\...\Debug.SchDoc	Drawn By: Noah Grant