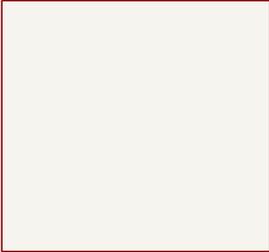
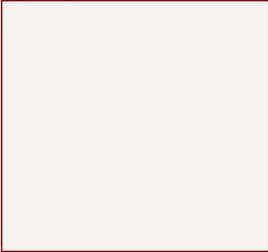
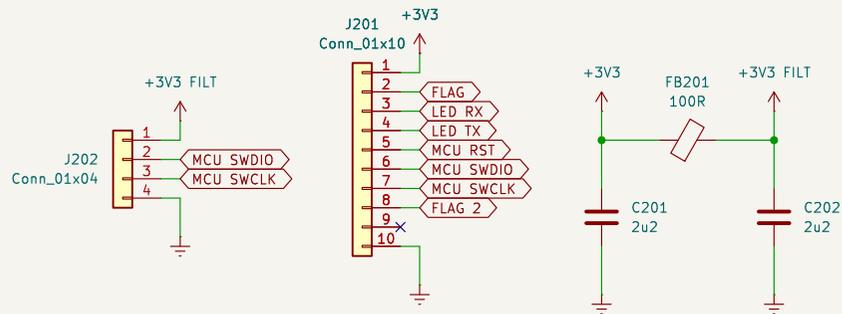


	1	2	3	4	5	6						
A												
B	<p>Connections</p>  <p>File: connections.kicad_sch</p>		<p>Light Ring</p>  <p>File: lightring.kicad_sch</p>		<p>Miscellaneous</p>  <p>File: miscellaneous.kicad_sch</p>							
C												
D					<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>Created By: Vincent Cayadi Sentinels Robotics Sheet: / File: l1.kicad_sch</p> </div> <div style="text-align: right;">   </div> </div> <p>Title: Master Sheet</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Size: A4</td> <td style="width: 33%;">Date: 2024-08-01</td> <td style="width: 33%; text-align: right;">Rev: 1</td> </tr> <tr> <td>KiCad E.D.A. 9.0.0</td> <td></td> <td style="text-align: right;">Id: 1/7</td> </tr> </table>		Size: A4	Date: 2024-08-01	Rev: 1	KiCad E.D.A. 9.0.0		Id: 1/7
Size: A4	Date: 2024-08-01	Rev: 1										
KiCad E.D.A. 9.0.0		Id: 1/7										
	1	2	3	4	5	6						



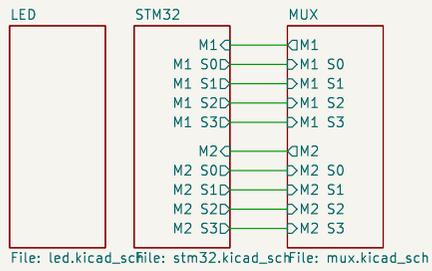
Created By: Vincent Cayadi
Sentinels Robotics

Sheet: /Connections/
 File: connections.kicad_sch

Title: Connections

Size: A4 Date: 2024-08-01
 KiCad E.D.A. 9.0.0

Rev:
 Id: 2/7



Created By: Vincent Cayadi

Sentinels Robotics

Sheet: /Light Ring/

File: lightring.kicad_sch

Title: Light Ring

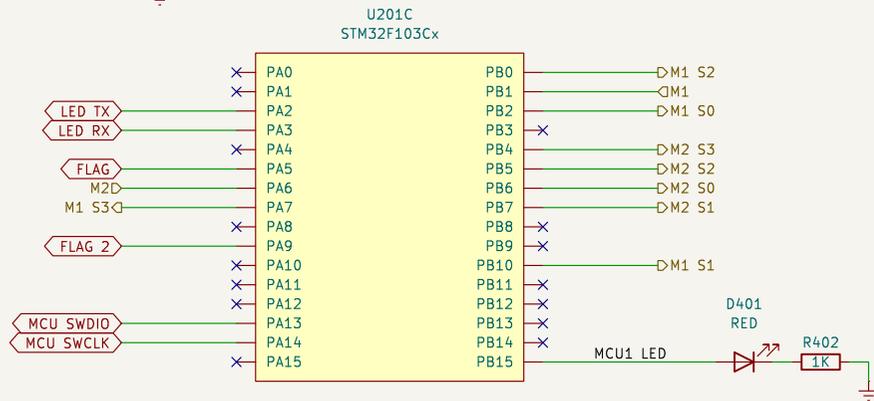
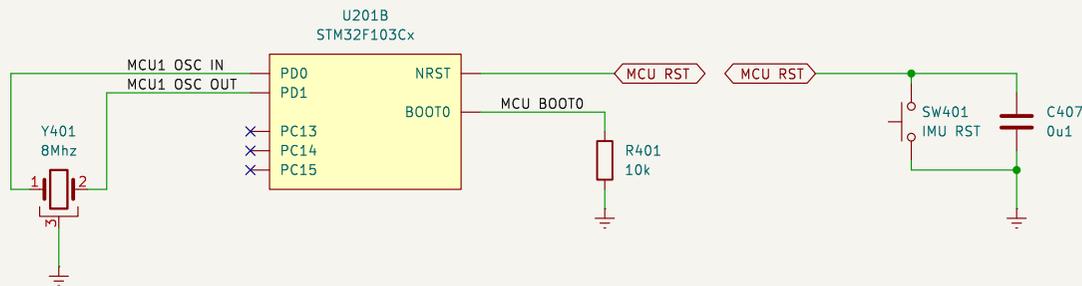
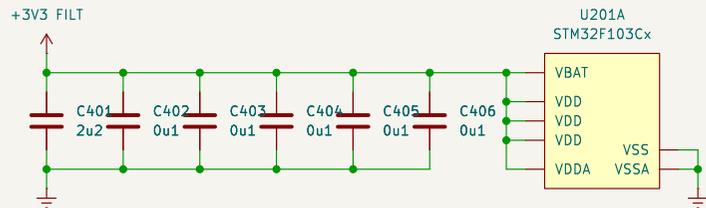
Size: A4

Date: 2024-08-01

Rev: 2

KiCad E.D.A. 9.0.0

Id: 3/7

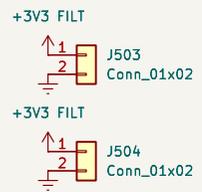
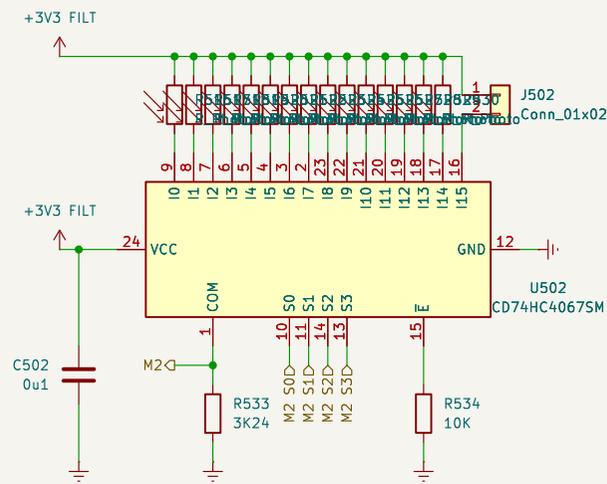
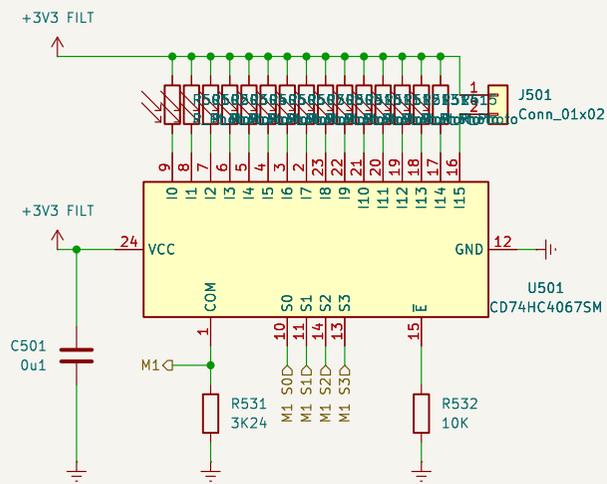


Microcontroller Used: STM32F103CBT6
 Created By: Vincent Cayadi
Sentinals Robotics
 Sheet: /Light Ring/STM32/
 File: stm32.kicad_sch

Title: STM32 Light Ring Microcontroller

Size: A4	Date: 2024-08-01	Rev: 1
KiCad E.D.A. 9.0.0		Id: 4/7



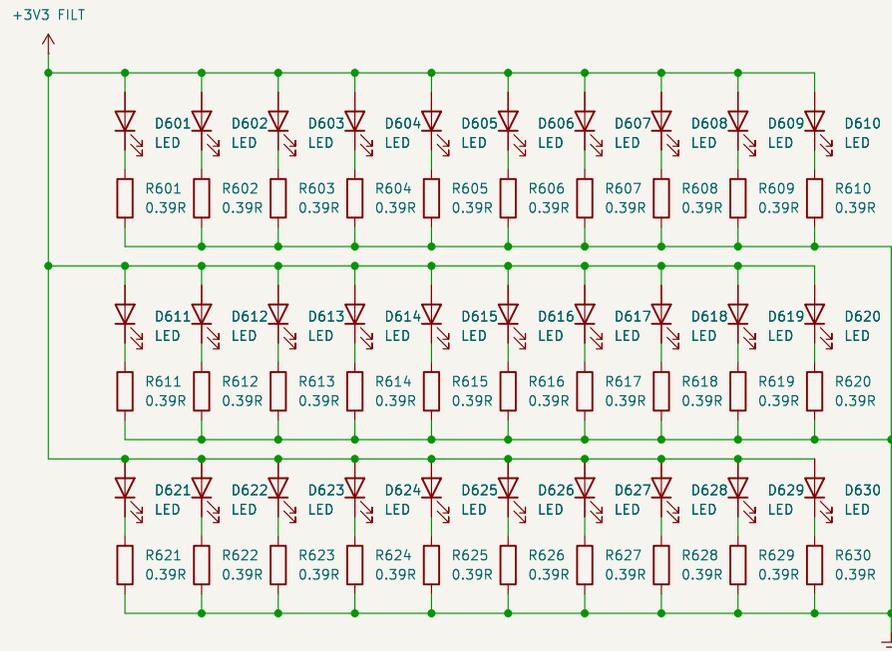


IC Used: CD74HC4067SM
 Created By: Vincent Cayadi
Sentinel's Robotics
 Sheet: /Light Ring/MUX/
 File: mux.kicad_sch

Title: 16 Channel Analog Multiplexer

Size: A4	Date: 2024-08-01	Rev: 1
KiCad E.D.A. 9.0.0		Id: 5/7





Created By: Vincent Cayadi
Sentinels Robotics

Sheet: /Light Ring/LED/
 File: led.kicad_sch

Title:

Size: A4 Date: 2024-08-01

KiCad E.D.A. 9.0.0

Rev:

Id: 6/7

1

2

3

4

5

6

A

A

H701
MountingHole

H702
MountingHole

3.2mm Mounting Hole

B

B

C

C

D

D

1

2

3

4

5

6

Created By: Vincent Cayadi
Sentinels Robotics

Sheet: /Miscellaneous/
File: miscellaneous.kicad_sch

Title: Muscellaneous

Size: A4 Date: 2024-08-01

KiCad E.D.A. 9.0.0



Rev:

Id: 7/7