

A

A

B

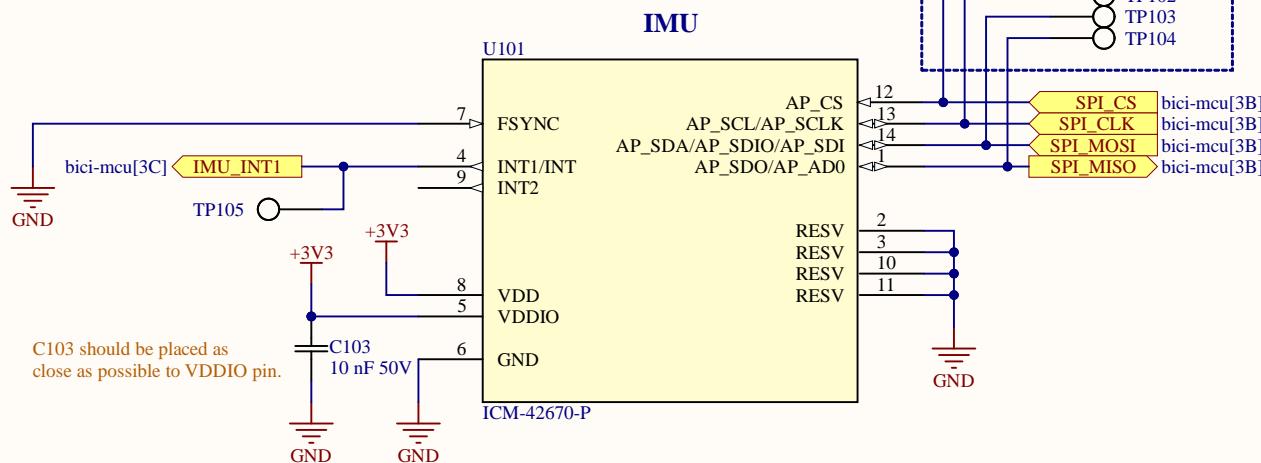
B

C

C

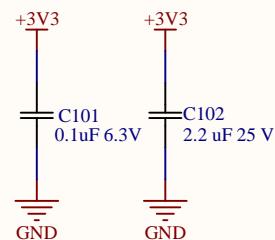
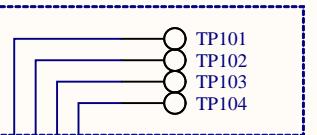
D

D



Test Points

Test points should be placed close to IMU.



C101 and C102 should be placed as close as possible to VDD pin, with C101 closest to pin.

Title Bici: IMU Circuitry related to IMU.		
Size A	Number	Revision V3
Date: 12/08/2025	Sheet 2 of 5	
File: C:\Users\.\bici-imu.SchDoc	Drawn By:	Team Bici

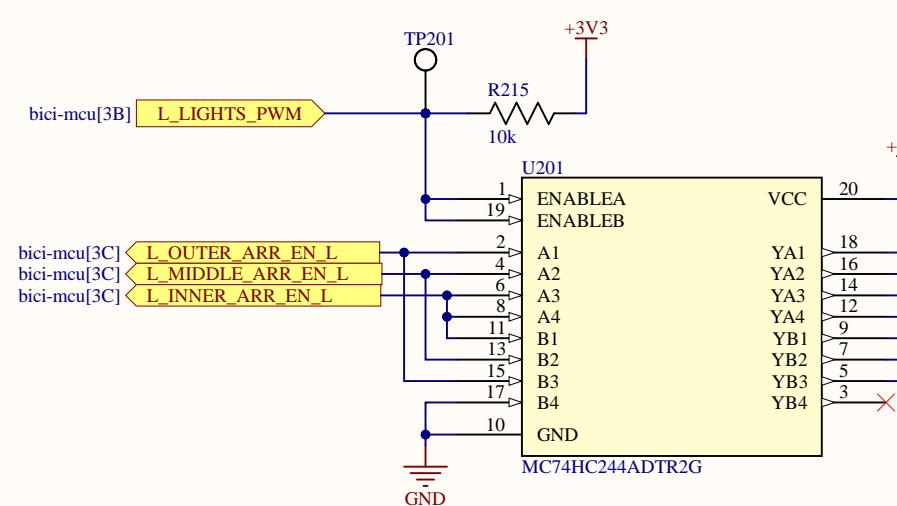
1

2

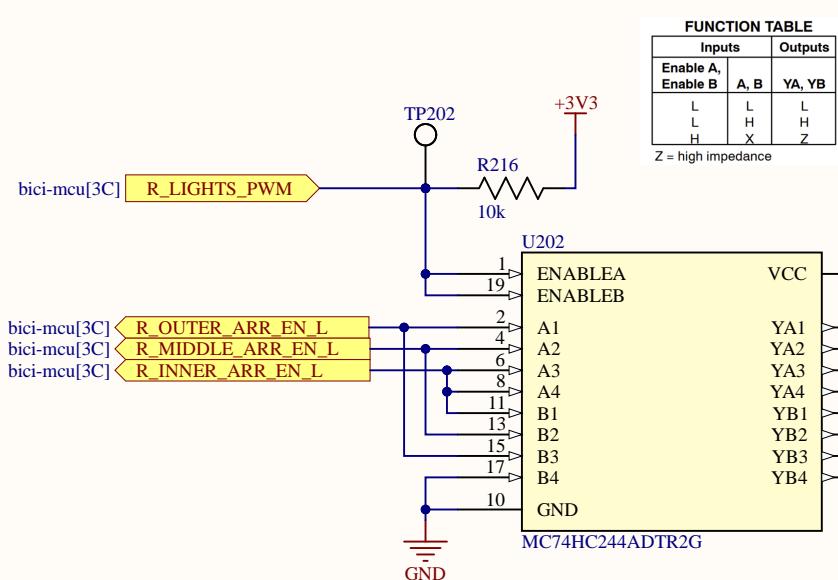
3

4

A

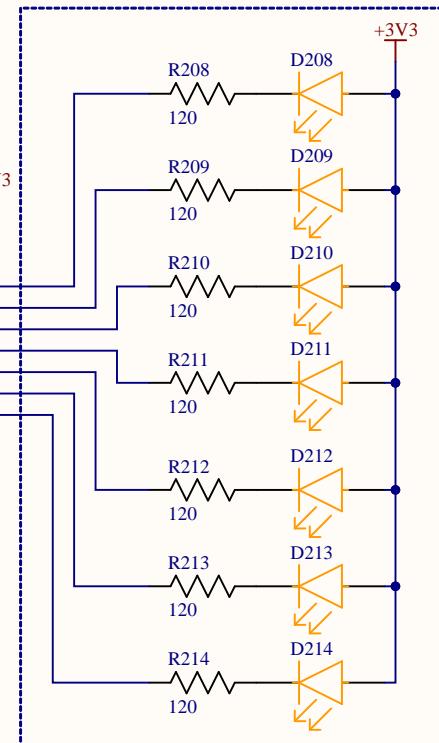


B

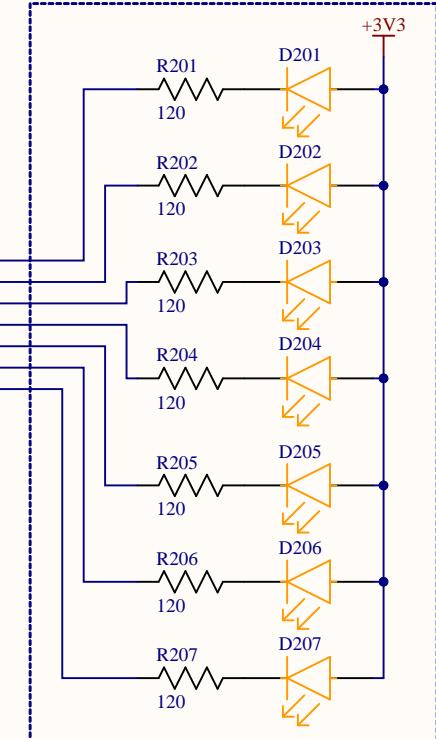


C

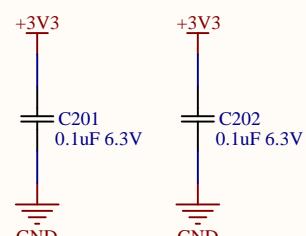
Right Indicator Light Circuit



Left Indicator Light Circuit



D



C202 should be placed as close as possible to U202 VCC pin.
C201 should be placed as close as possible to U201 VCC pin.

Title

Bici: Turn Signal Lights

Circuitry related to light feedback to surrounding cars.

Revision V3

Size

Number

Date:

12/08/2025

Sheet 3 of 5

File:

C:\Users\...\bici-turn-lights.SchDoc

Drawn By: Team Bici

1

2

3

4

A

A

B

B

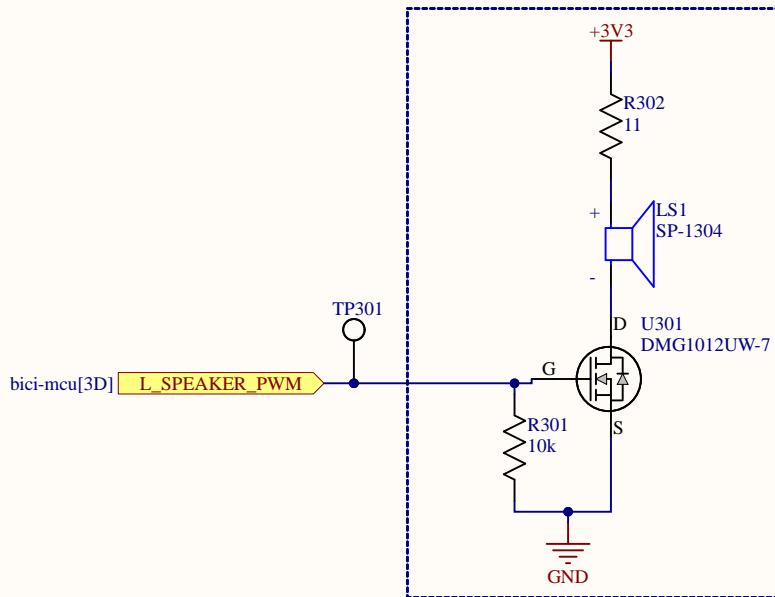
C

C

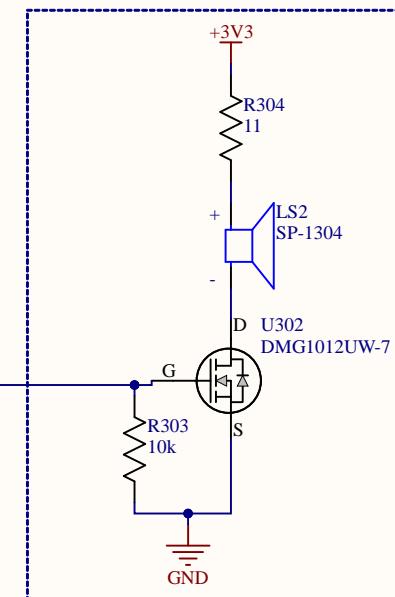
D

D

Left Indicator Audio Feedback Circuit



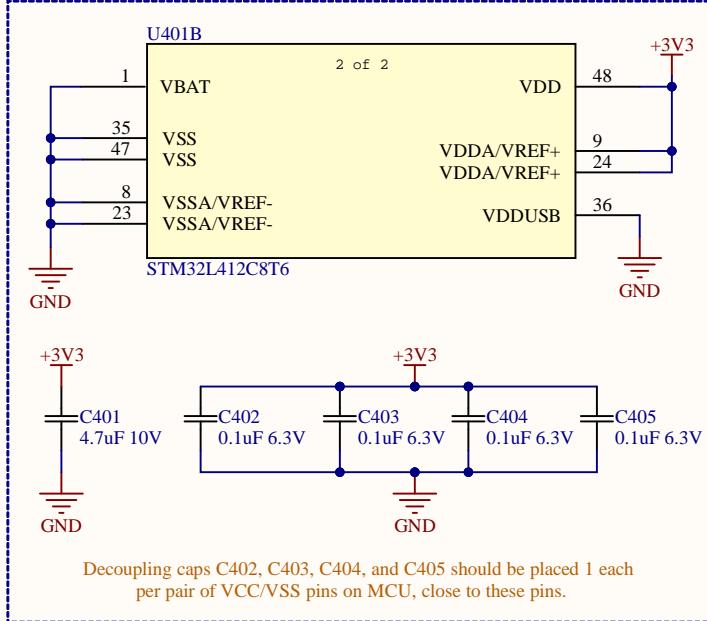
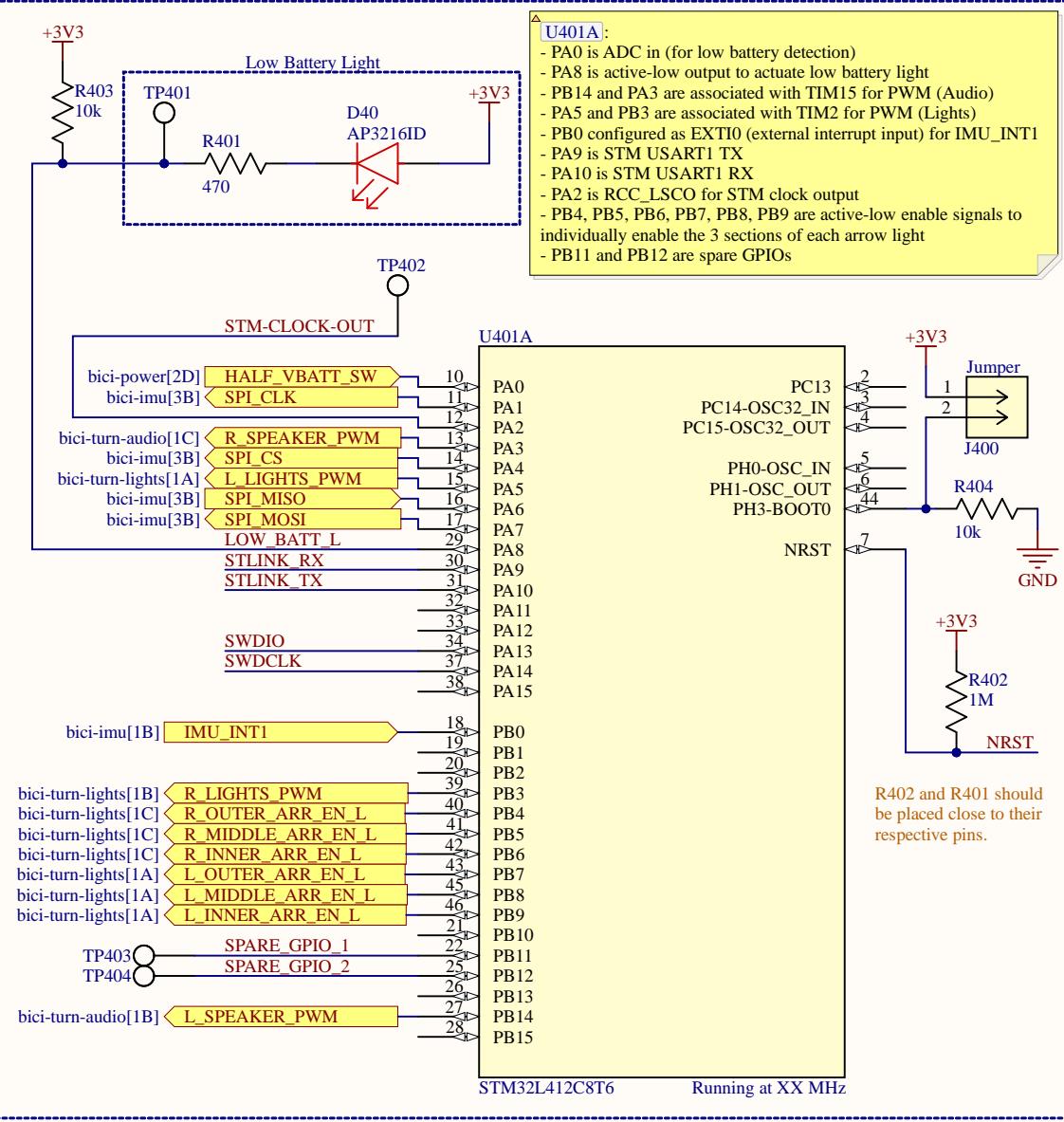
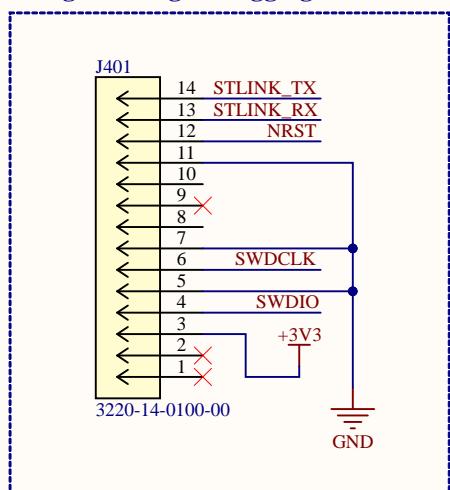
LS1 should be placed at the edge of the PCB on the left arrow point (to accomodate speaker placement in housing).



LS2 should be placed at the edge of the PCB on the right arrow point (to accomodate speaker placement in housing).

Right Indicator Audio Feedback Circuit

Title Bici: Turn Signal Audio Circuitry related to audio feedback to user.		
Size A	Number	Revision V3
Date: 12/08/2025	Sheet 4 of 5	
File: C:\Users\.\bici-turn-audio.SchDoc	Drawn By:	Team Bici

STM Power**STM I/O****Programming/Debugging Connector**

Title

Bici: MCU
Circuitry related to embedded MCU.

Size

Number

Revision

V3

Date: 12/08/2025

Sheet 5 of 5

File: C:\Users...\bici-mcu.SchDoc

Drawn By: Team Bici

