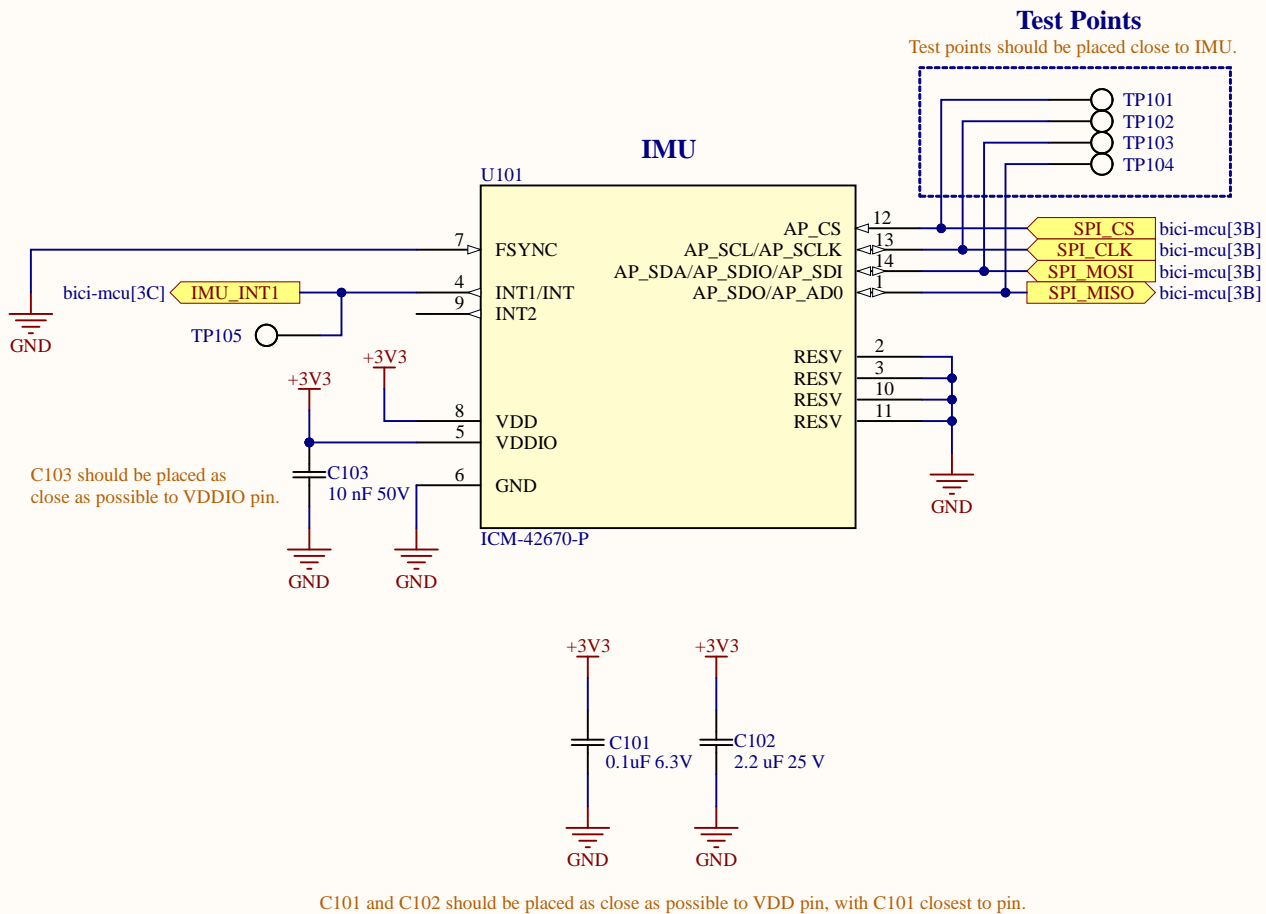


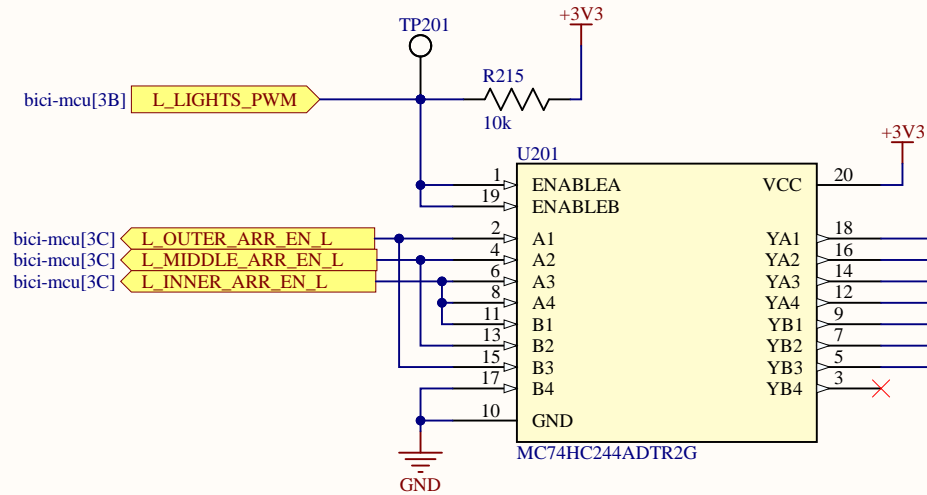
Title Bici: Power Management Circuitry related to system power and charging.		
Size A	Number	Revision V3
Date: 12/08/2025	File: C:\Users\j\bjci-power.SchDoc	Sheet 1 of 5 Drawn By: Team Bici



Title		
Bici: IMU Circuitry related to IMU.		
Size	Number	Revision
A		V3
Date:	12/08/2025	Sheet2 of 5
File:	C:\Users\...\bici-imu.SchDoc	Drawn By: Team Bici

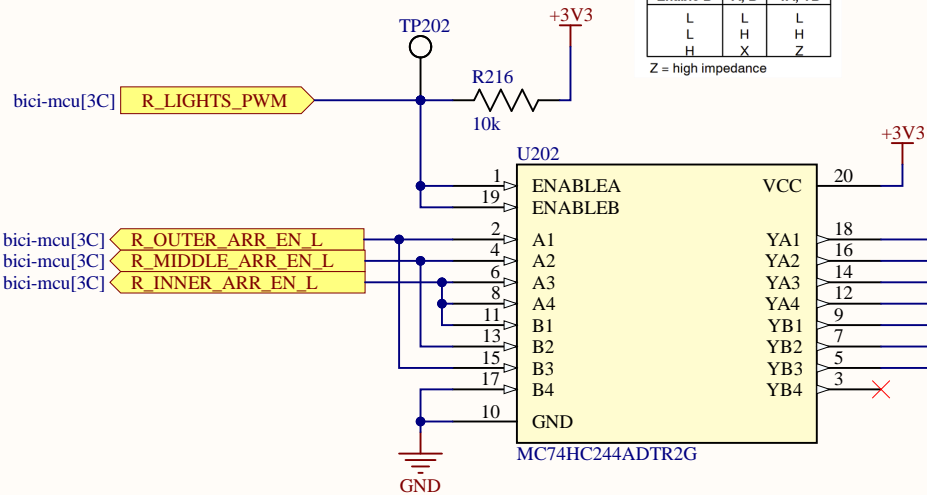
A

A



B

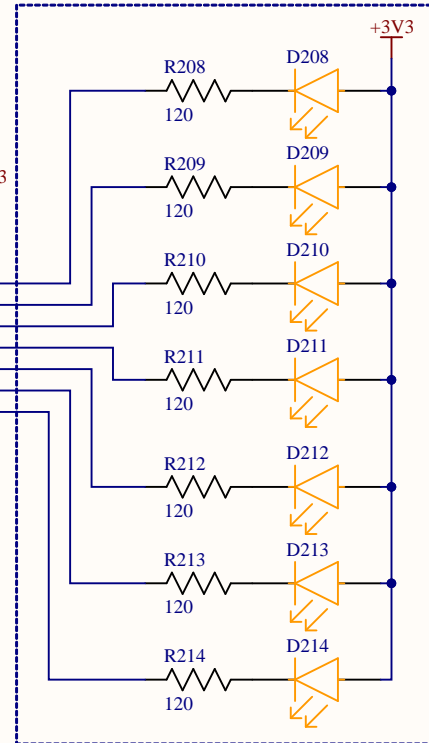
B



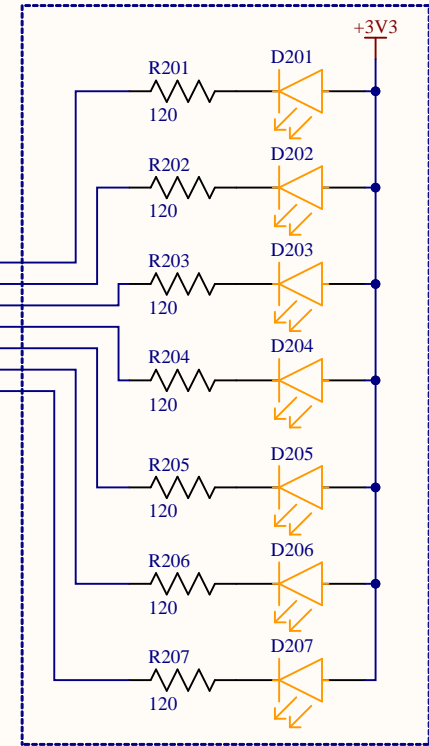
C

C

Right Indicator Light Circuit

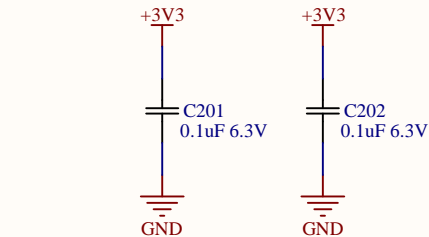


Left Indicator Light Circuit



D

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.

FUNCTION TABLE			
Inputs		Outputs	
Enable A, Enable B	A, B	YA, YB	Z
L	L	L	H
H	H	L	Z

Z = high impedance

Title Bici: Turn Signal Lights Circuitry related to light feedback to surrounding cars.		
Size A	Number	Revision V3
Date:	12/08/2025	Sheet3 of 5
File:	C:\Users\...\bici-turn-lights.SchDoc	Drawn By: Team Bici

A

B

C

D

1

2

3

4

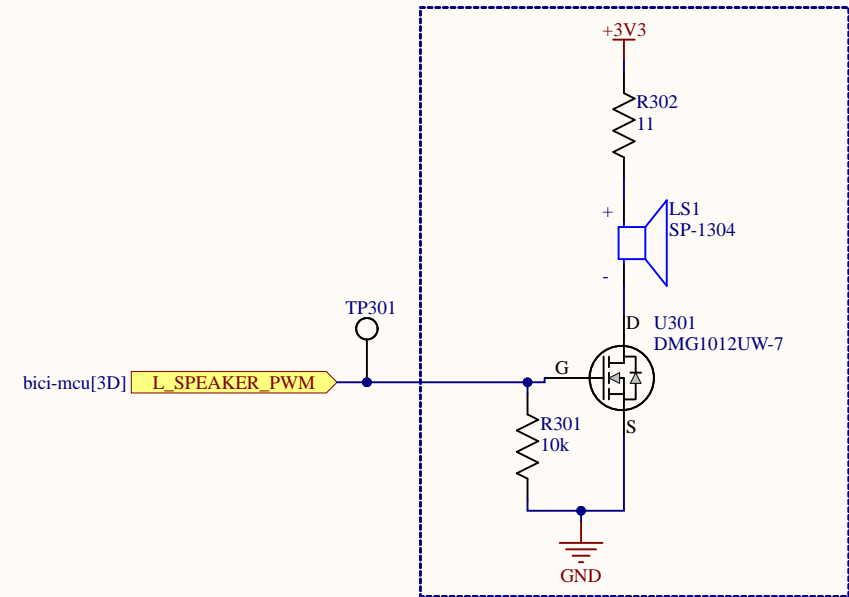
A

B

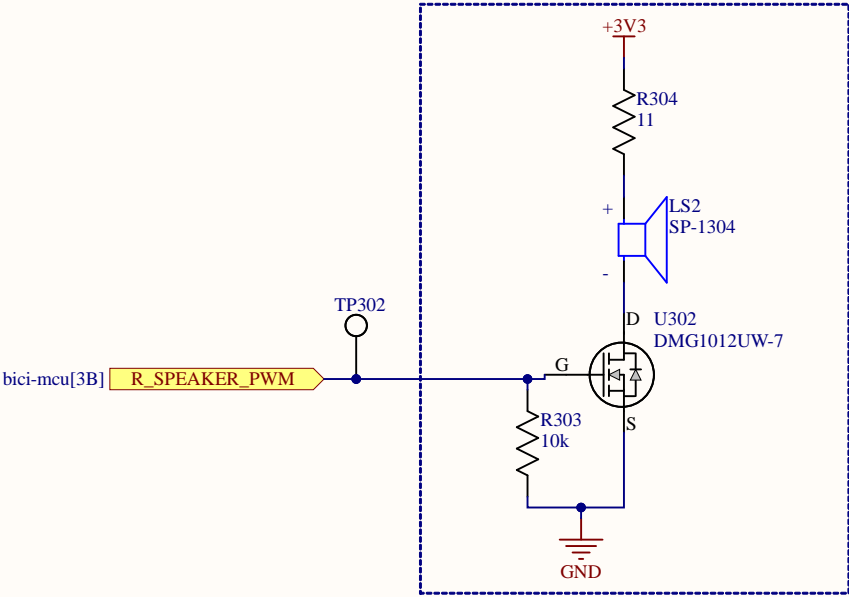
C

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	Number		Revision
A			V3
Date:	12/08/2025		Sheet4 of 5
File:	C:\Users\...\bici-turn-audio.SchDoc		Drawn By: Team Bici

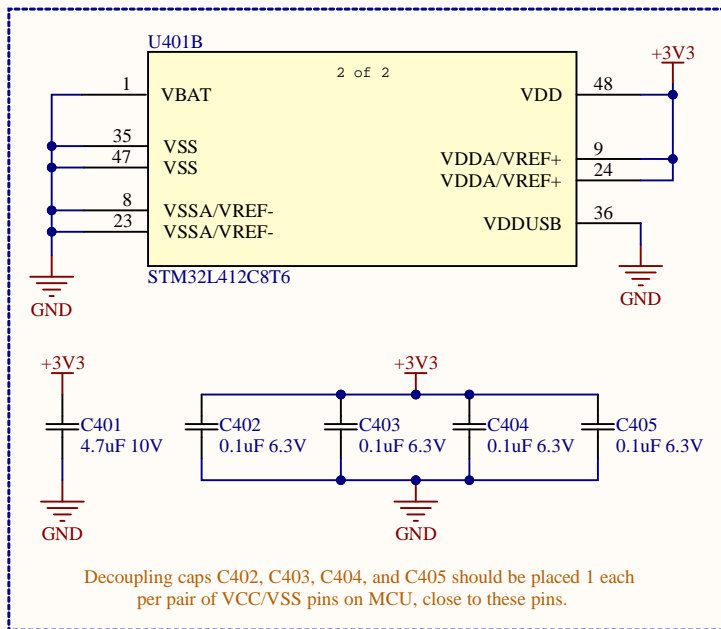
1

2

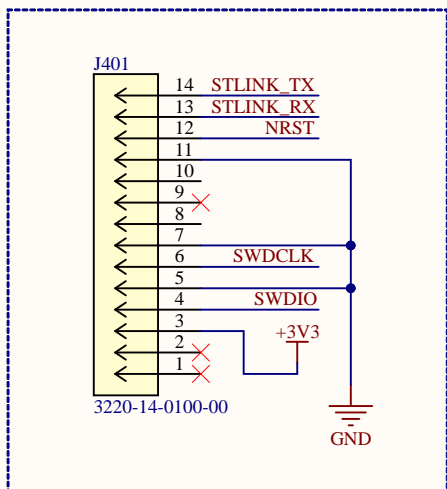
3

4

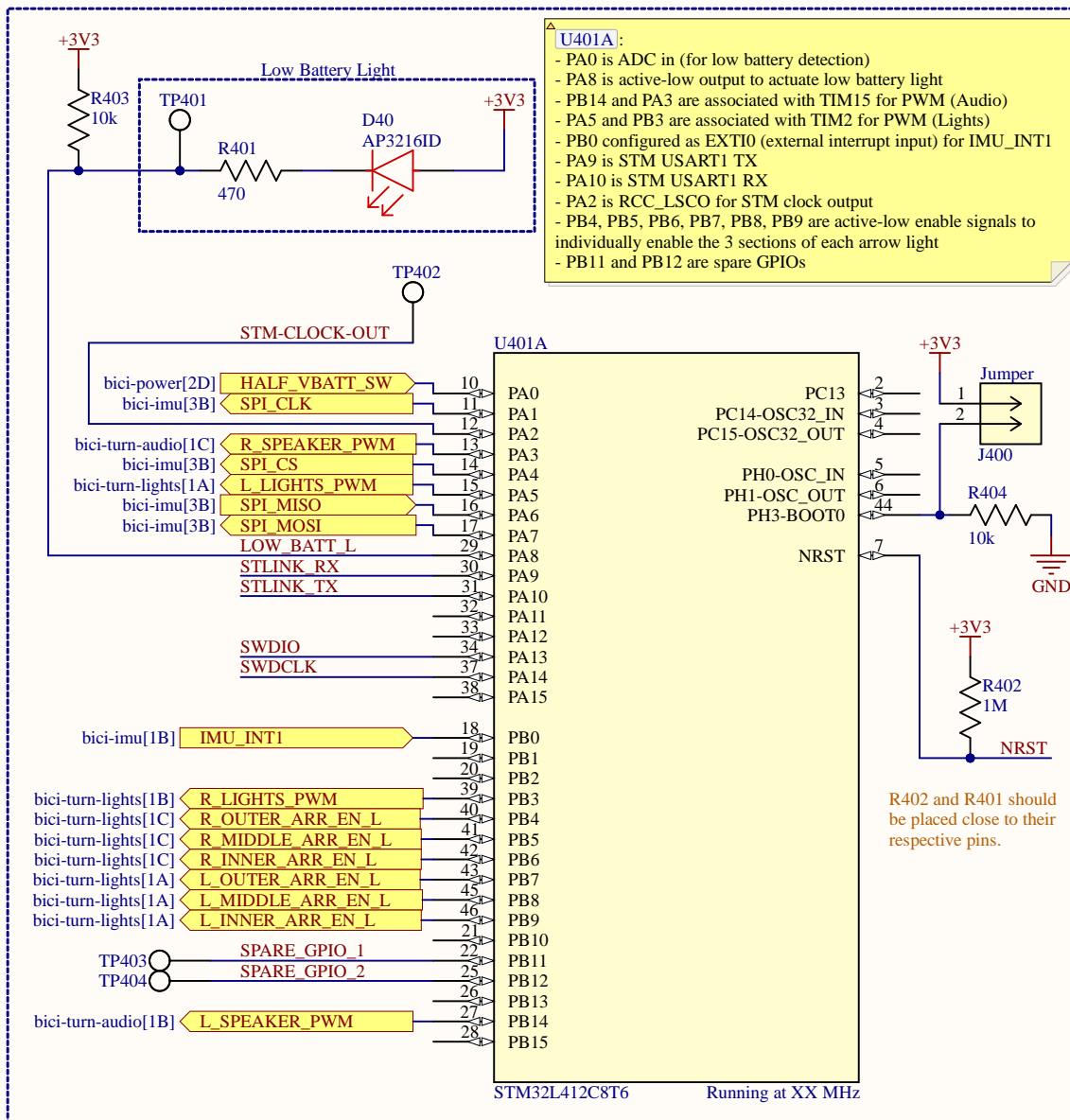
STM Power



Programming/Debugging Connector



STM I/O



Title			Bici: MCU
			Circuitry related to embedded MCU.
Size	Number	Revision	
A		V3	
Date:	12/08/2025	Sheet5 of	5
File:	C:\Users\...\bici-mcu.SchDoc	Drawn By:	Team Bici

