

A

A

B

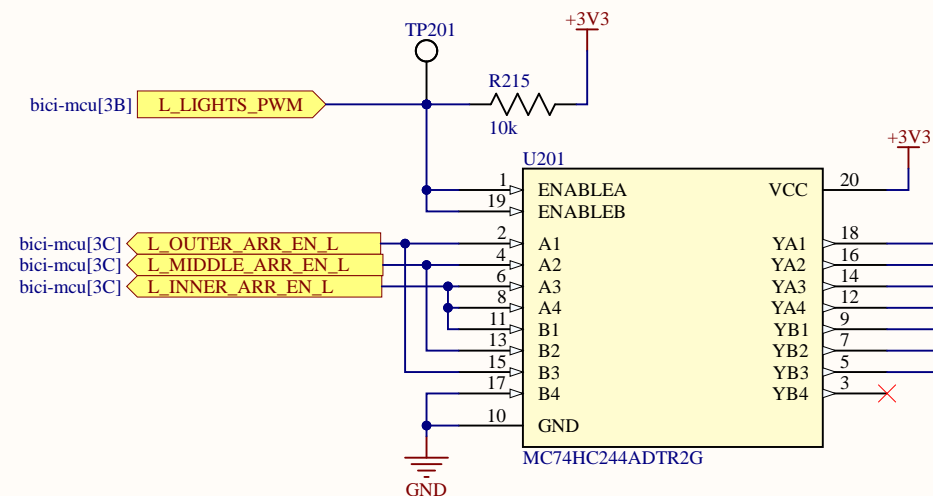
B

C

C

D

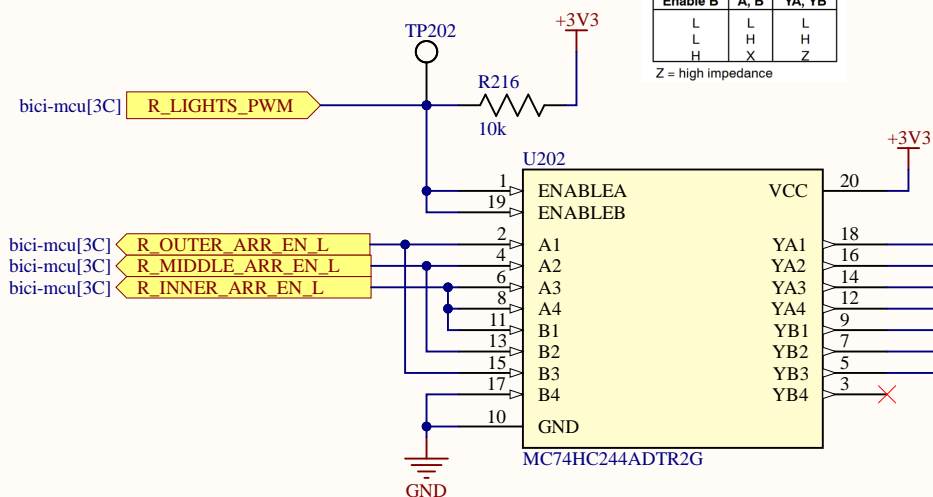
D



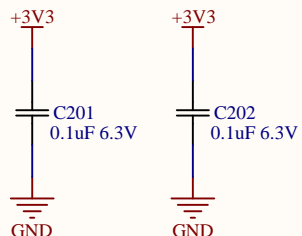
FUNCTION TABLE			
Inputs		Outputs	
Enable A, Enable B	A, B	YA, YB	
L	L	L	H
H	H	L	Z

Z = high impedance

Right Indicator Light Circuit



Left Indicator Light Circuit



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.		
Size A	Number	Revision V3
Date:	12/09/2025	Sheet3 of 5
File:	C:\Users\...\bici-turn-lights.SchDoc	Drawn By: Team Bici

A

B

C

D

1

2

3

4

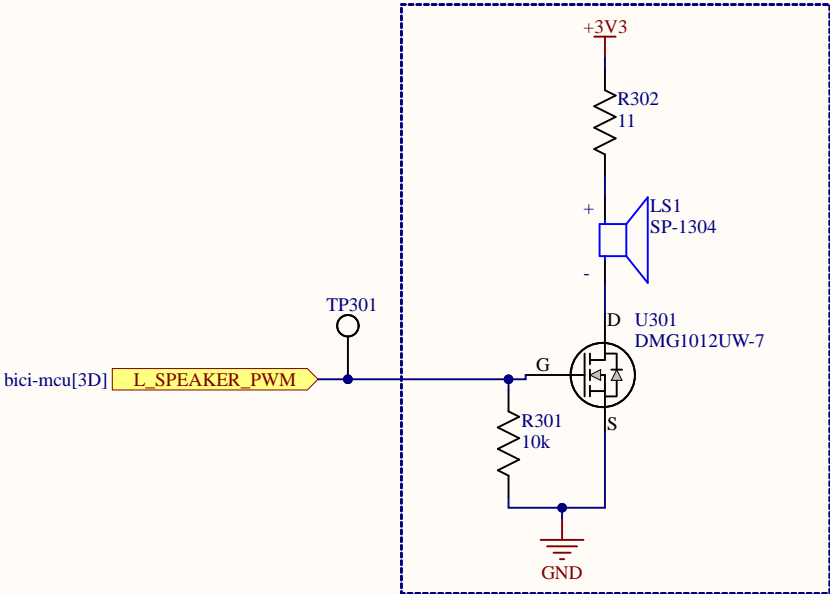
A

B

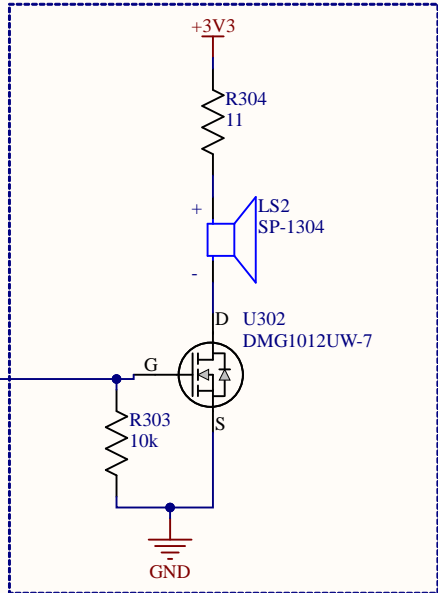
C

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 A	Number	Revision V3
Date:	12/09/2025	Sheet4 of 5
File:	C:\Users\...\bici-turn-audio.SchDoc	Drawn By: Team Bici

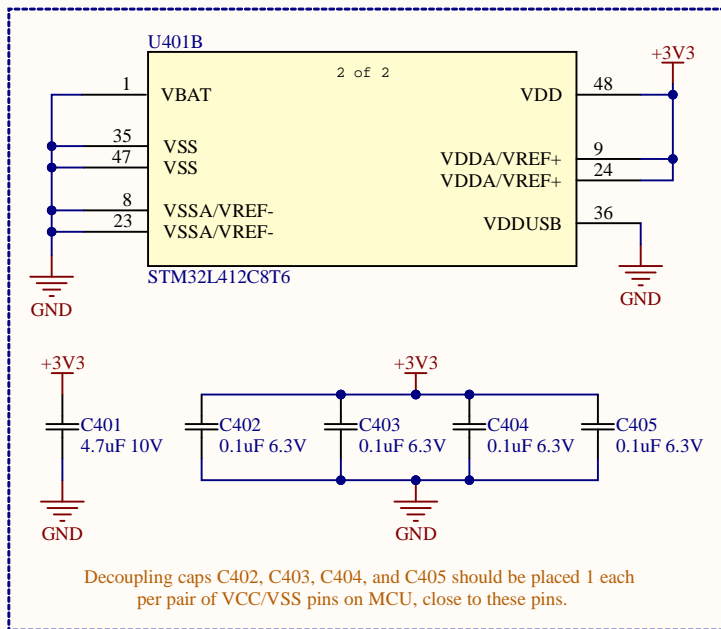
1

2

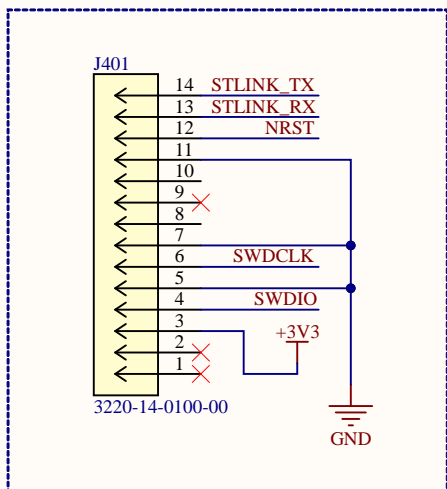
3

4

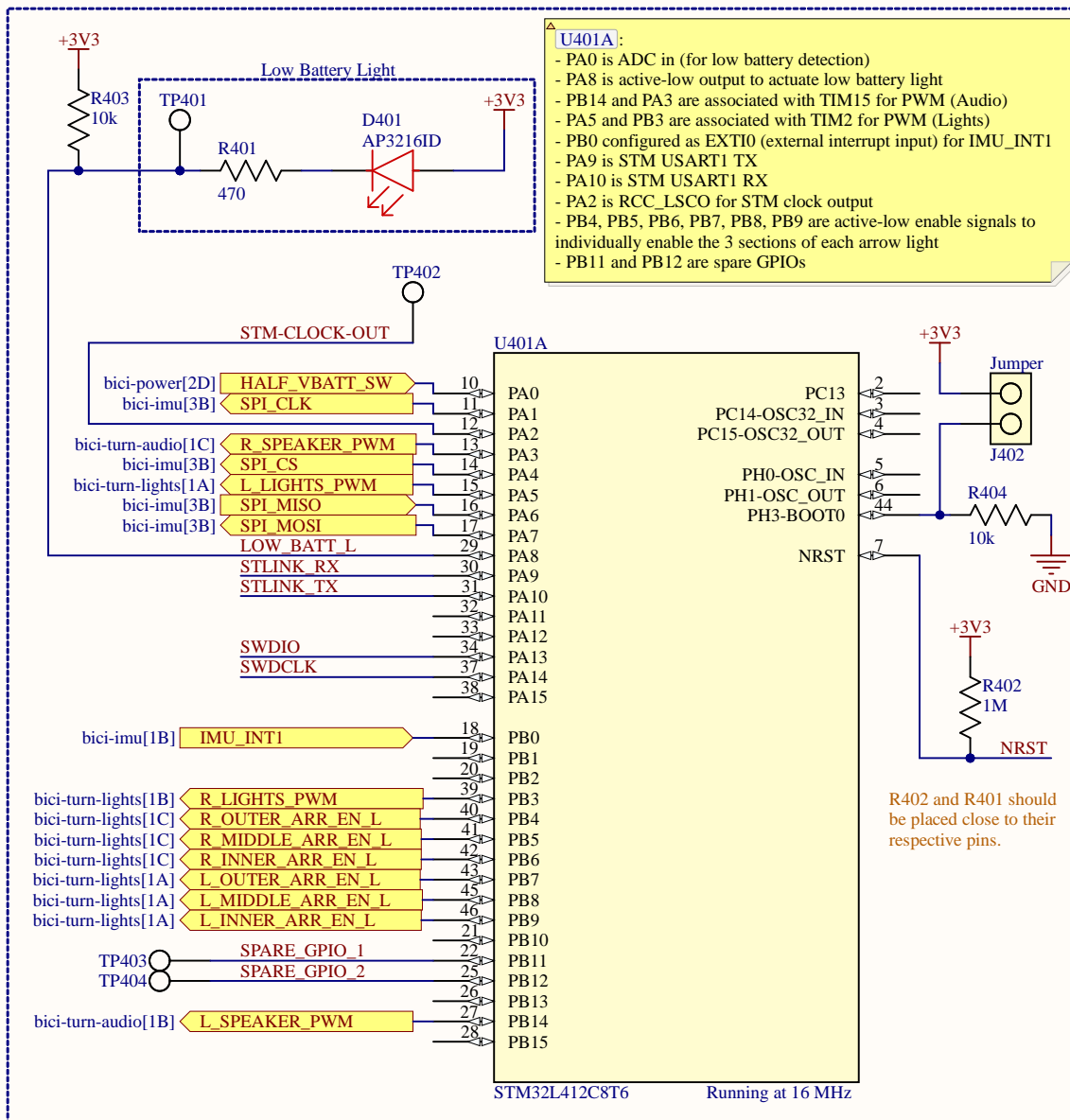
STM Power



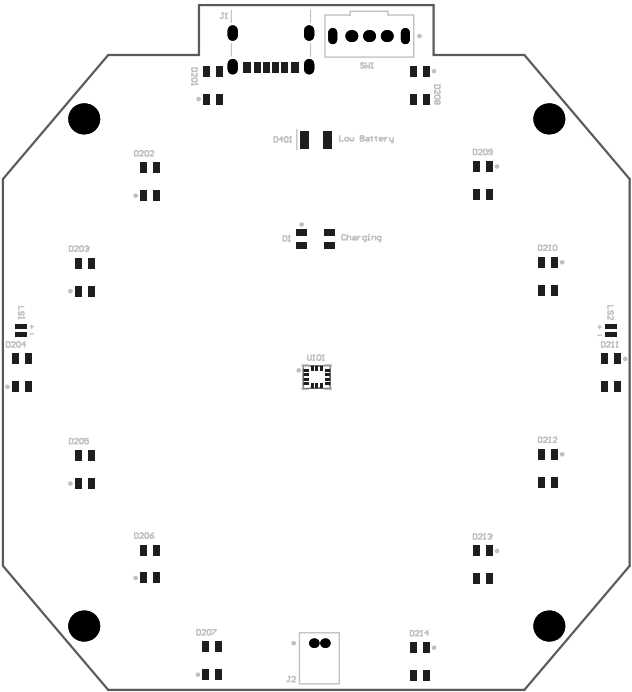
Programming/Debugging Connector



STM I/O



Title			Bici: MCU	
			Circuitry related to embedded MCU.	
Size	Number		Revision	
A			V3	
Date:	12/09/2025		Sheet5 of 5	
File:	C:\Users\...\bici-mcu.SchDoc		Drawn By: Team Bici	



C201 C202 R214 R213 R212 R211 R210 U202 R209 R216 R207 TP202 R208 R206 R205 R204 R203 U201 R202 R215 R201 TP201

R303 U302 TP302 R304 R301 U301 TP301 R302

R6 TP2 TP3 TP1 TP4 R5 R10 C3 R9 C4 C5 R11 U2 L1 R3 R4 C2 R1 R2 C1 R8 U1 R7

TP404 TP403 J401 R402 R404 J402 C401 C402 C403 C404 C405 U401 TP402 R401 R403 TP401

C101 C102 C103 TP105 TP104 TP103 TP102 TP101