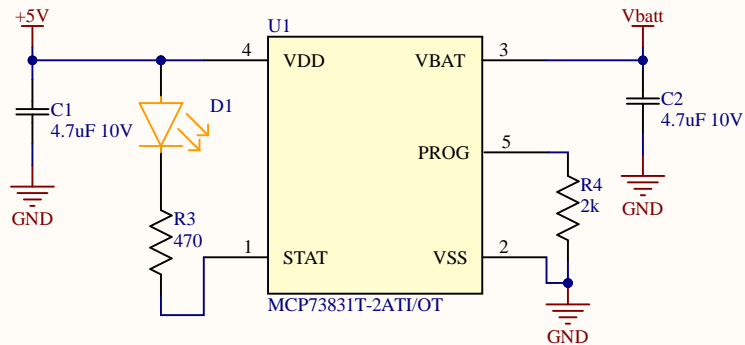
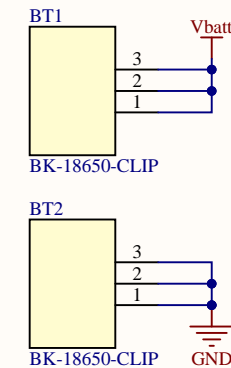


Power Charger



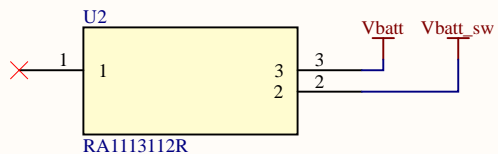
For best thermal performance, add vias from land area of EP to copper layer on opposite side of PCB

18650 Battery

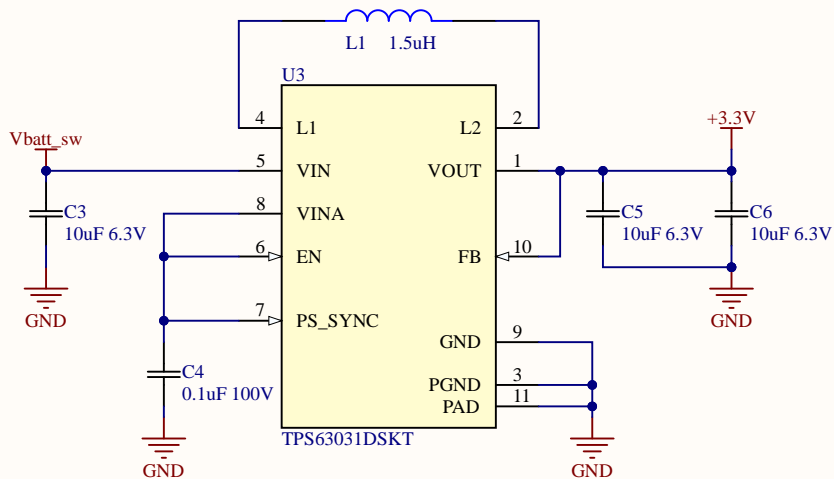


BT1 and BT2 will need to be placed inline, 2560 mils apart + tolerance

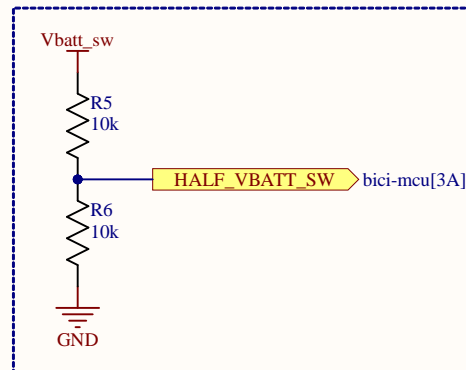
Power Switch



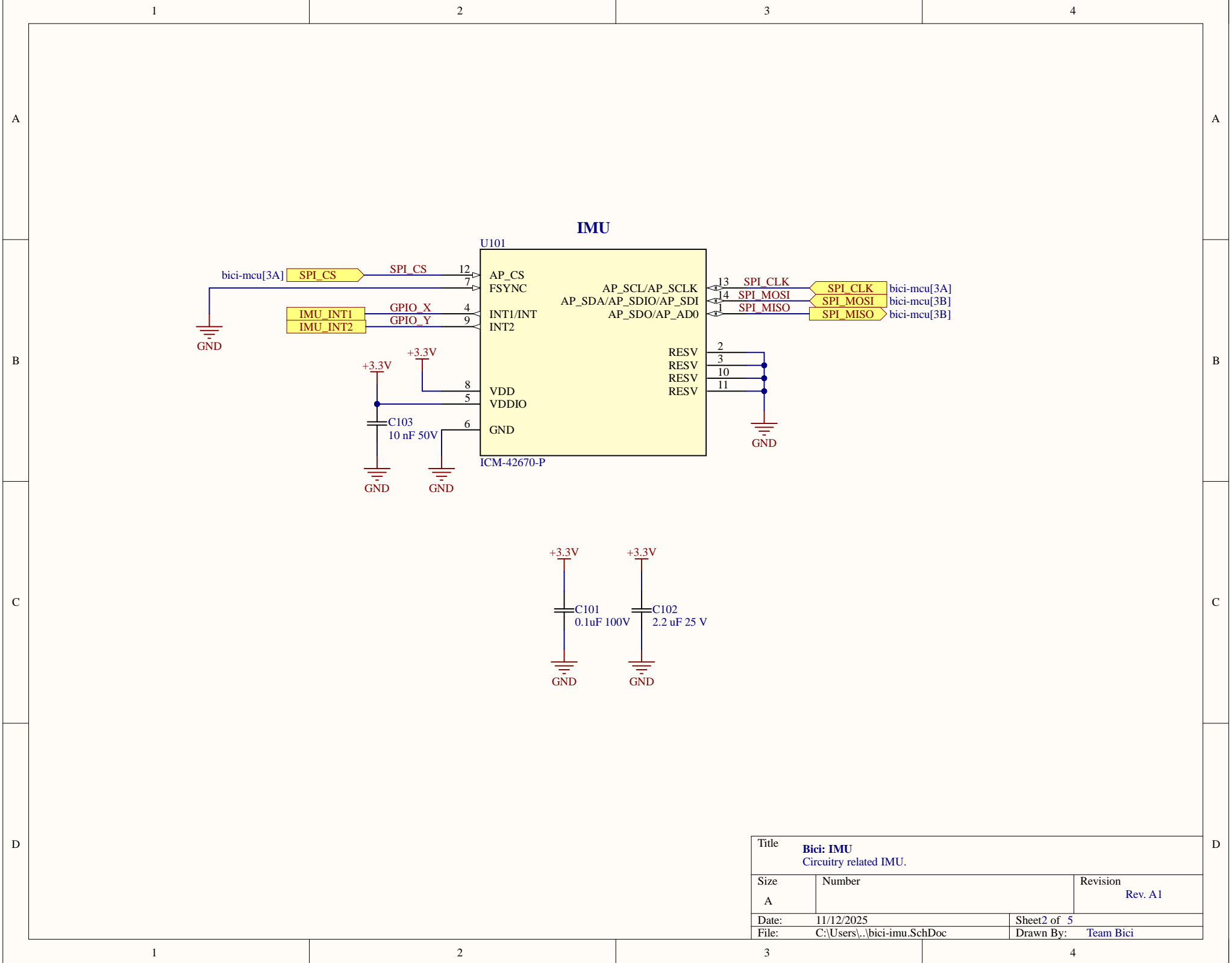
Buck-Boost



Low Power Detection



Title Bici: Power Management Circuitry related to system power and charging.		
Size A	Number	Revision Rev. A1
Date:	11/12/2025	Sheet 1 of 5
File:	C:\Users\...\bici-power.SchDoc	Drawn By: Team Bici



A

A

B

B

C

C

D

D

Left Indicator Light Circuit

Right Indicator Light Circuit

Title		
Bici: Turn Signal Lights		
Circuitry related to light feedback to user and surrounding cars.		
Size	Number	Revision
A		Rev. A1
Date:	11/12/2025	Sheet3 of 5
File:	C:\Users\...\bici-turn-lights.SchDoc	Drawn By: Team Bici

A

B

C

D

A

B

C

D

1

2

3

4

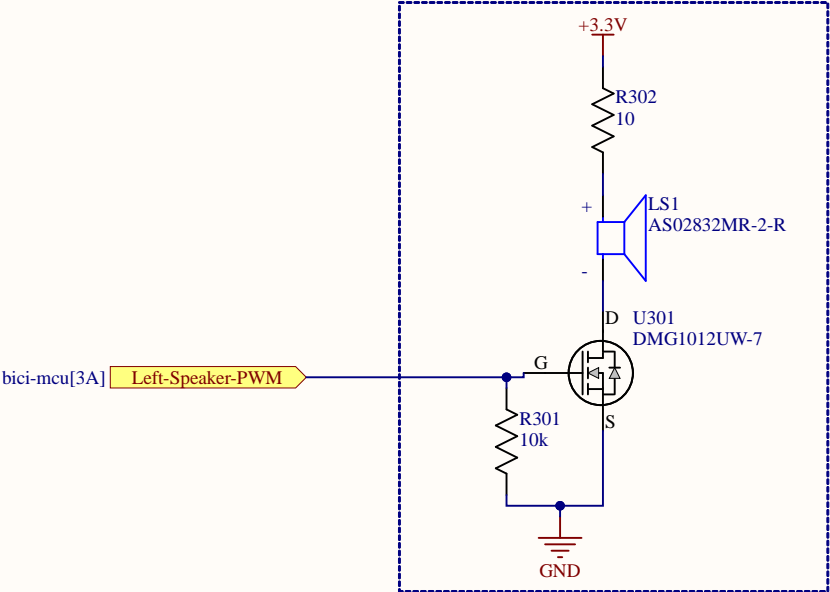
1

2

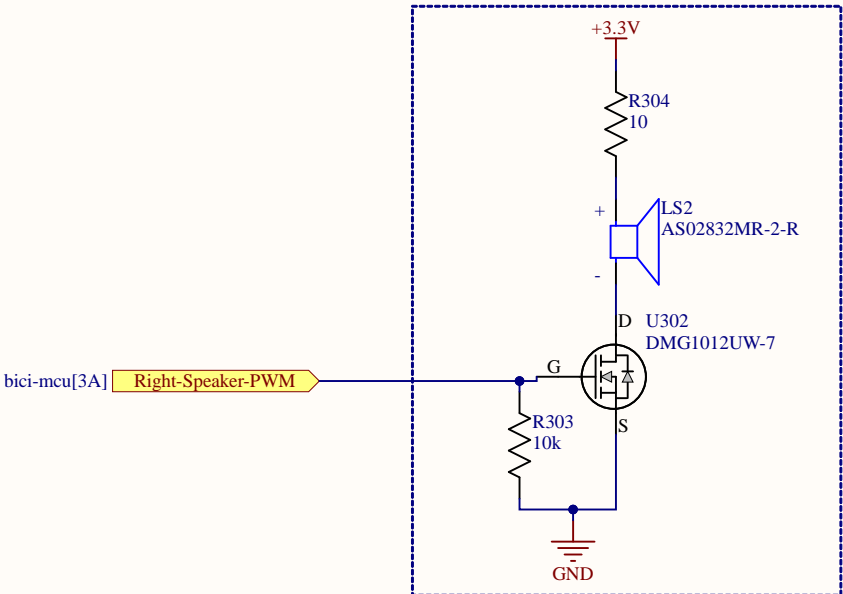
3

4

Left Indicator Audio Feedback Circuit

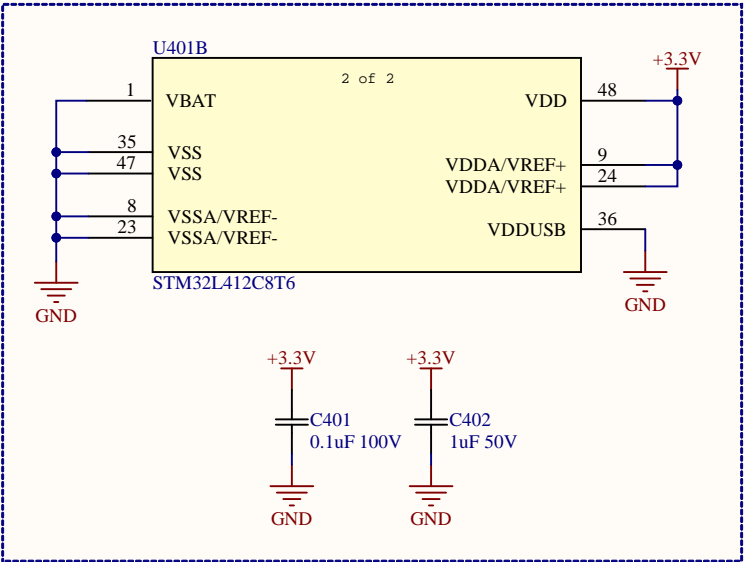


Right Indicator Audio Feedback Circuit

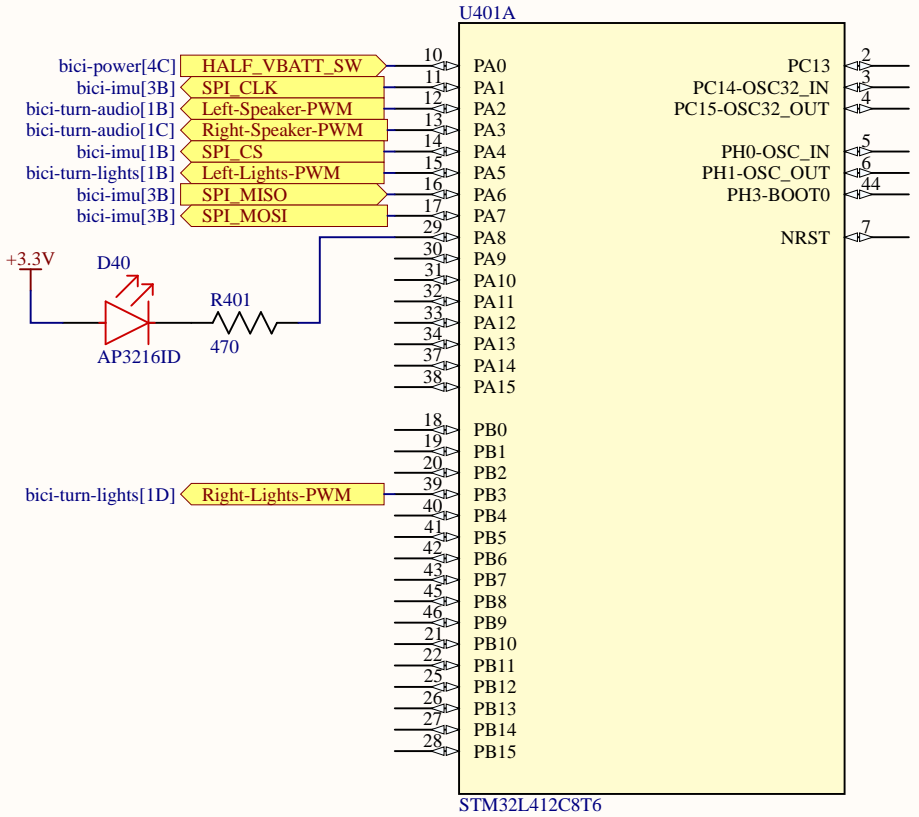


Title			Bici: Turn Signal Audio
			Circuitry related to audio feedback to user.
Size	Number		Revision
A			Rev. A1
Date:	11/12/2025		Sheet4 of 5
File:	C:\Users\...\bici-turn-audio.SchDoc		Drawn By: Team Bici

STM Power



STM I/O



Programming/Debugging Connector



Title Bici: MCU Circuitry related to embedded MCU.			
Size A	Number		Revision Rev. A1
Date:	11/12/2025	Sheet5 of 5	
File:	C:\Users\...\bici-mcu.SchDoc	Drawn By:	Team Bici