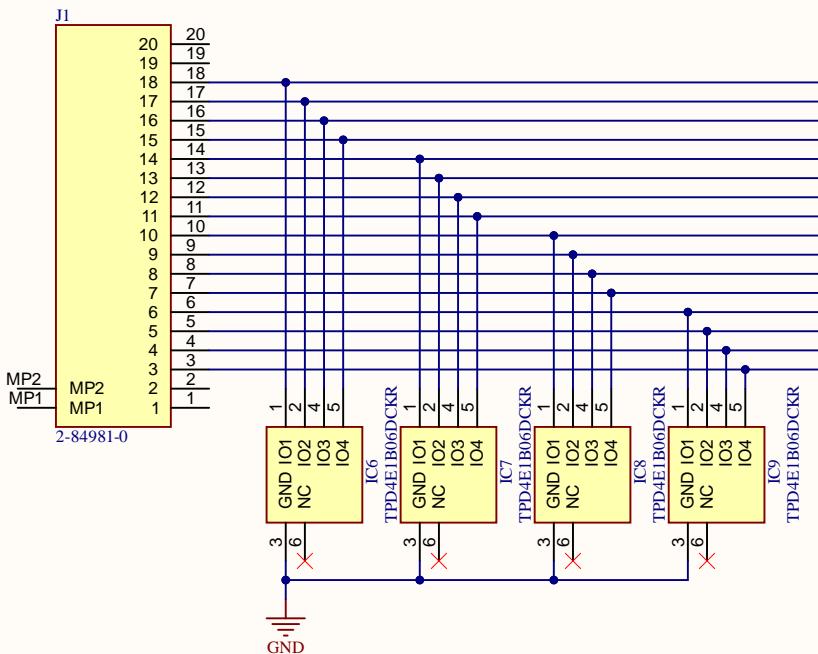
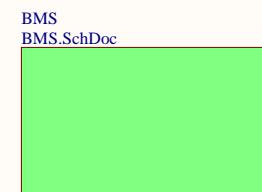
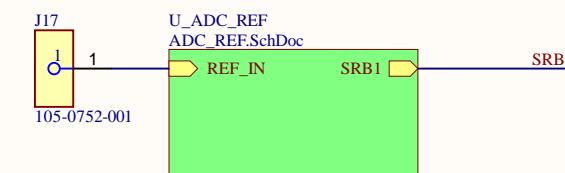
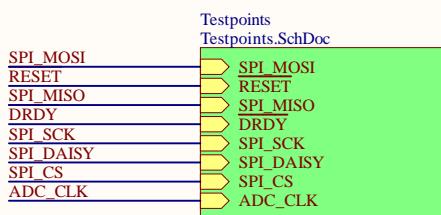
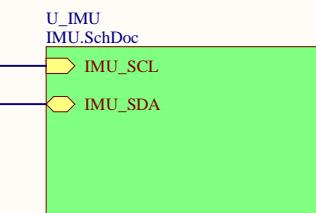
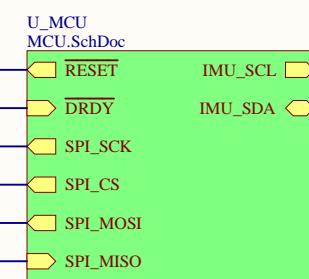
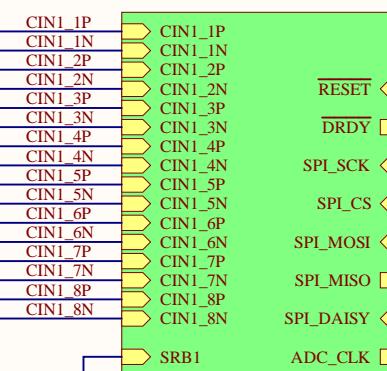
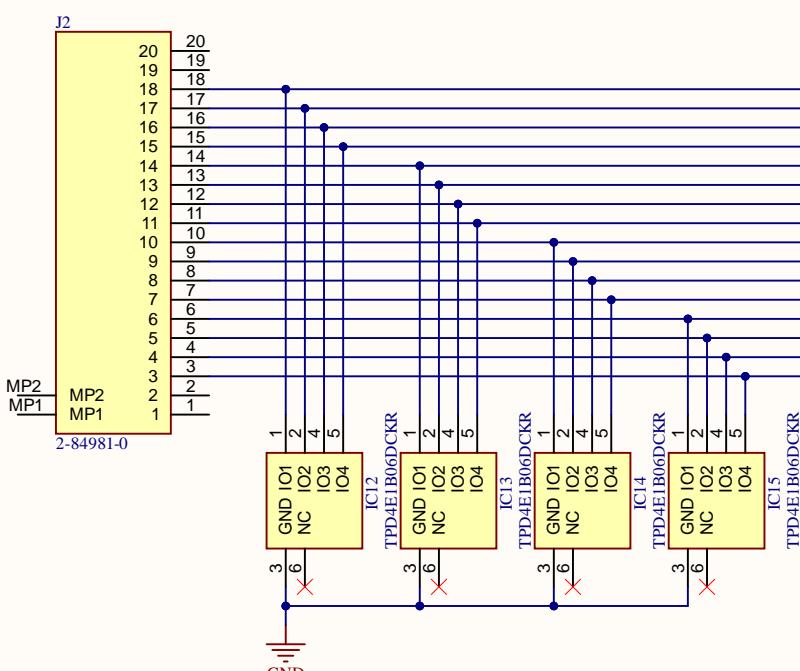
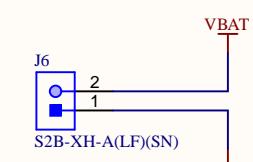
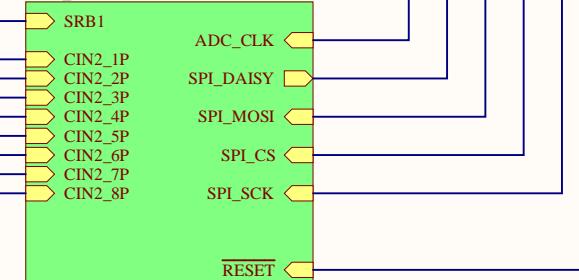
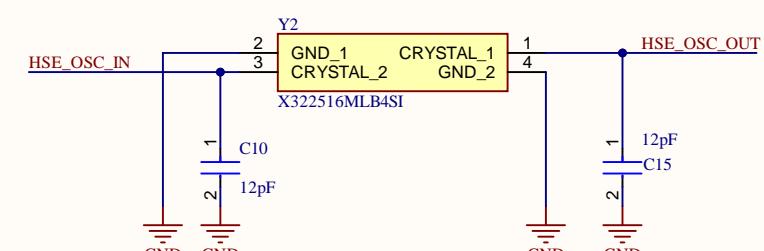
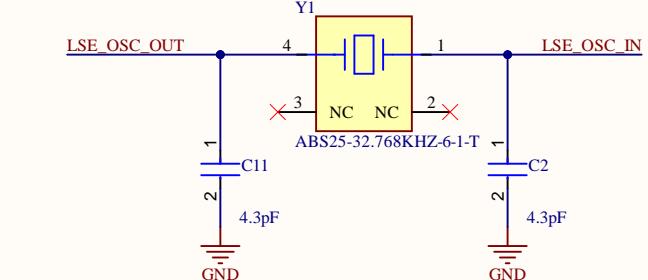
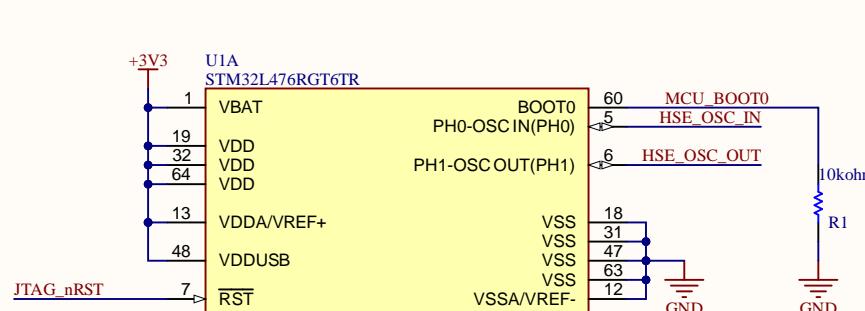
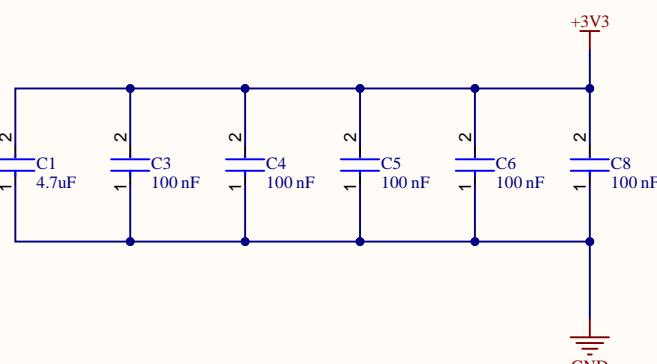
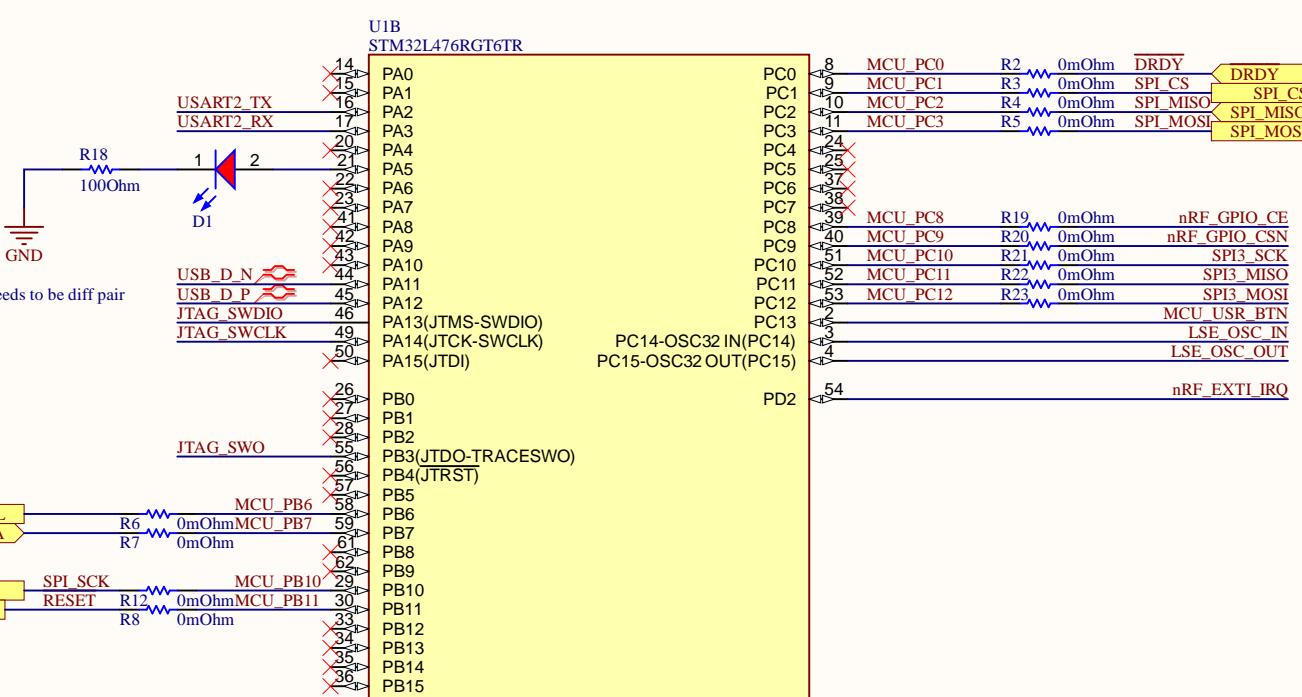
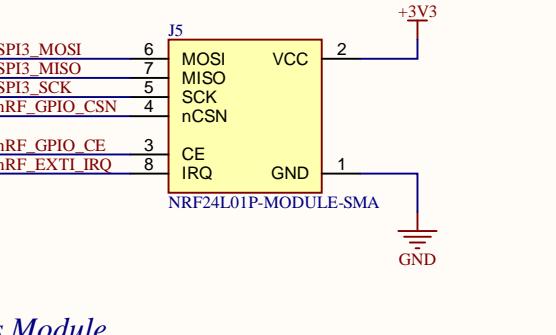
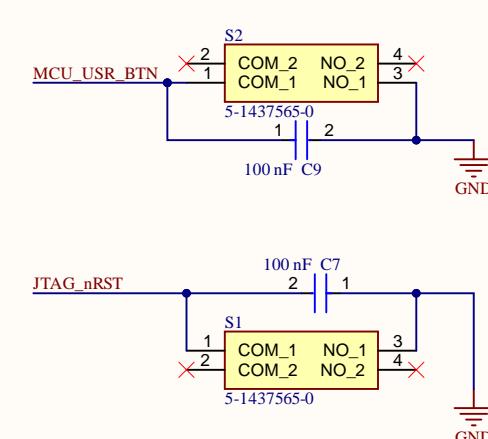
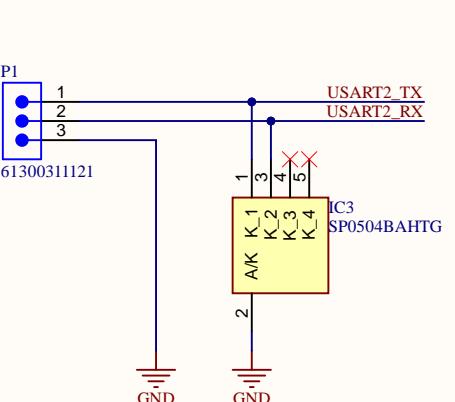
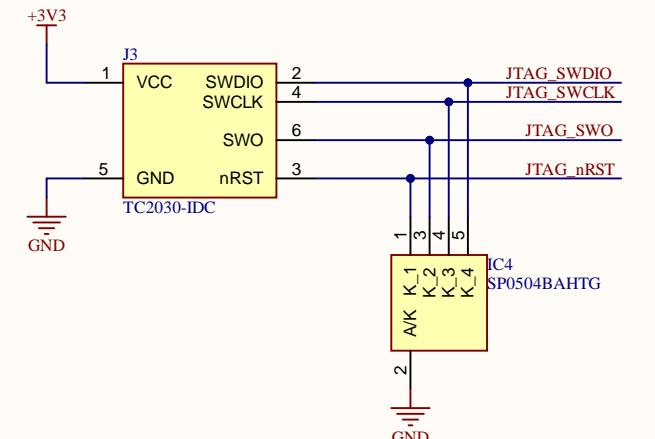
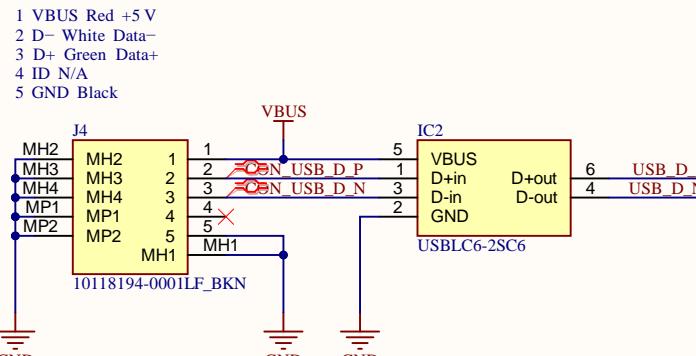


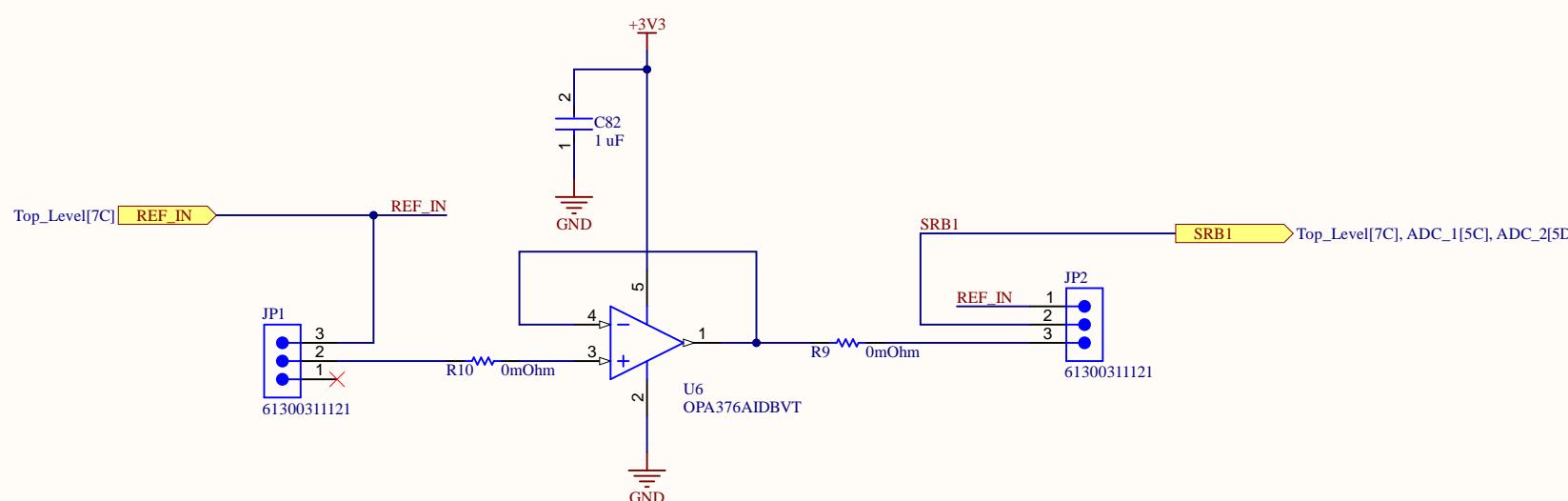
Bipolar Measurement Input 8ch

U_ADC_1
ADC_1.SchDocUnipolar Measurement Input 16ch
Reference is SRB1U_ADC_2
ADC_2.SchDoc

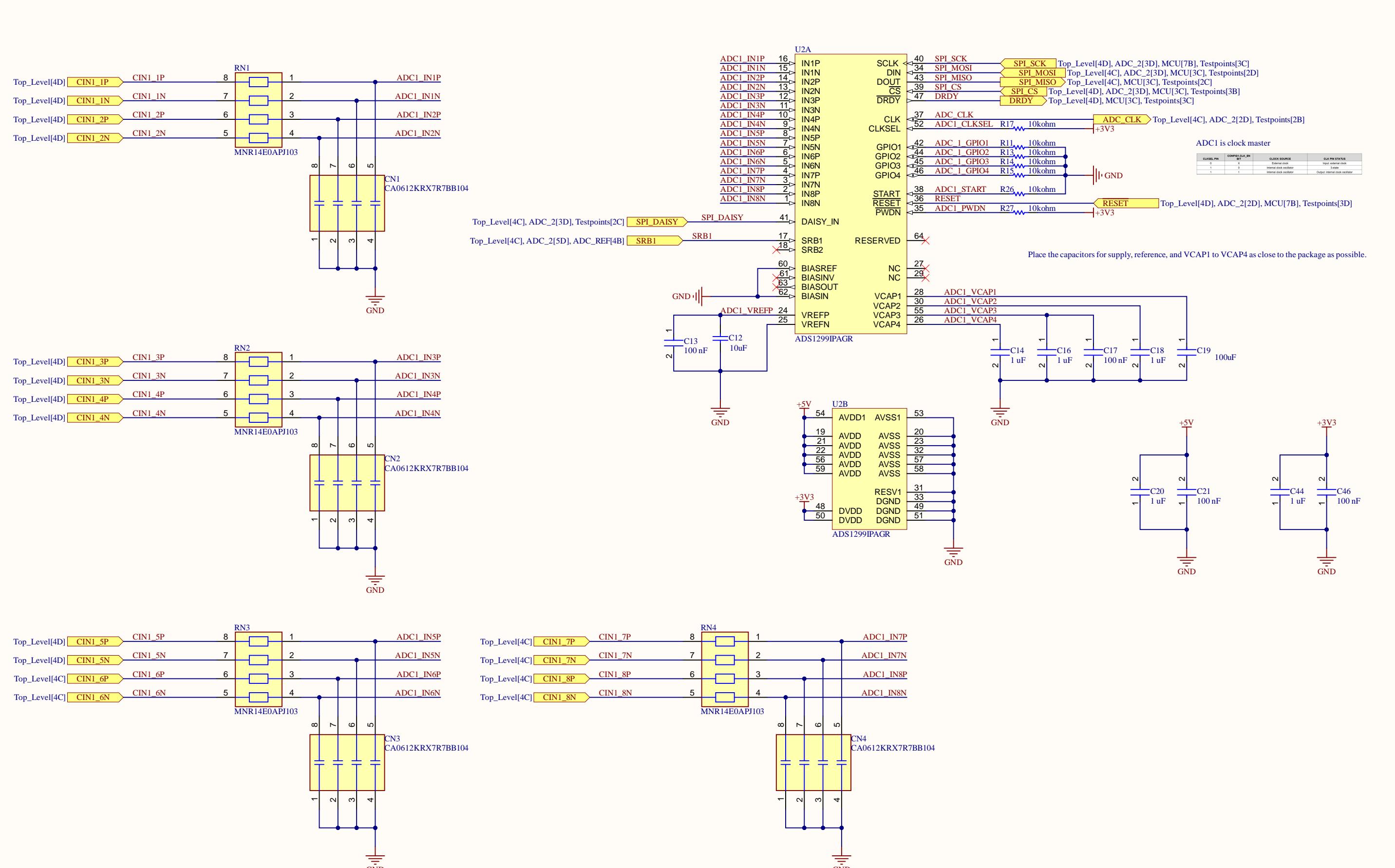
Title		
Embedded Real-Time Muscle Monitoring System		
Size	Number	Revision
A3	Schematic_1	A
Date:	6/04/2025	Sheet 1 of 8
File:	Top_Level.SchDoc	Drawn By: KGE Checked: JL



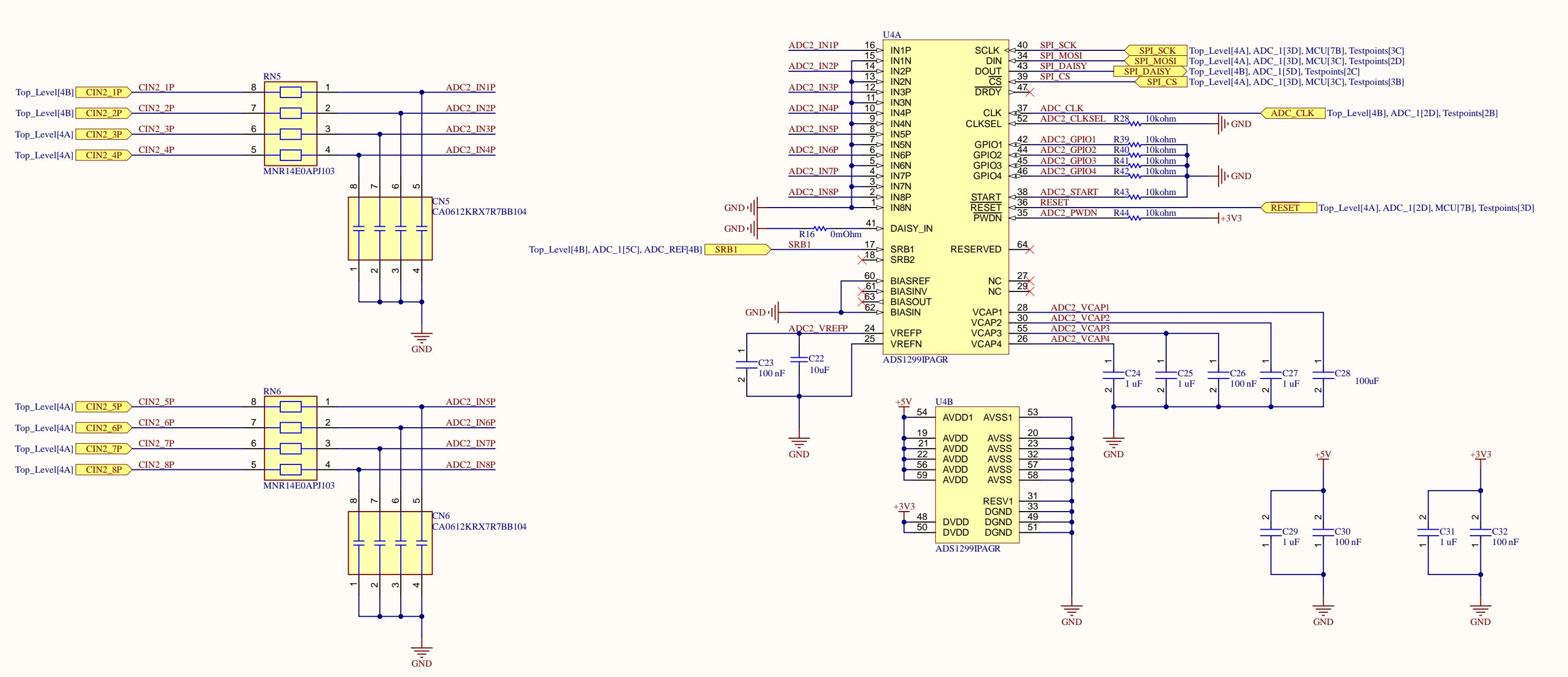
Title		
Embedded Real-Time Muscle Monitoring System		
Size	Number	Revision
A3	Schematic_1	A
Date:	6/04/2025	Sheet 2 of 8
File:	MCU.SchDoc	Drawn By: KGE Checked: JL



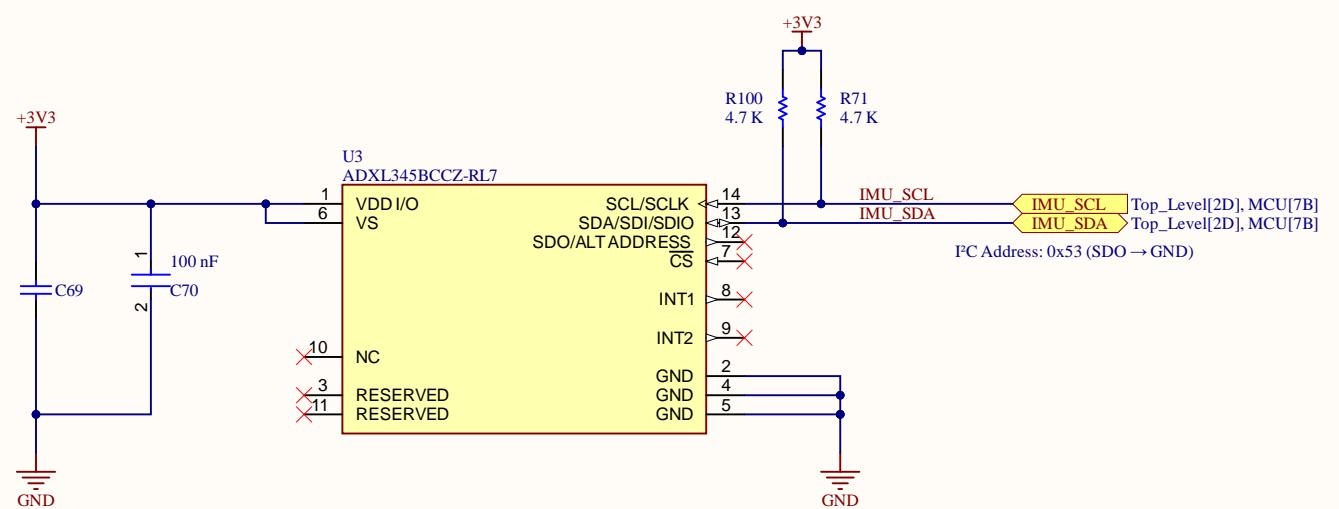
Title		
Embedded Real-Time Muscle Monitoring System		
Size	Number	Revision
A3	Schematic_1	A
Date:	6/04/2025	Sheet 3 of 8
File:	ADC_PEE_SchDoc	Drawn By: KCF_Cheeked II



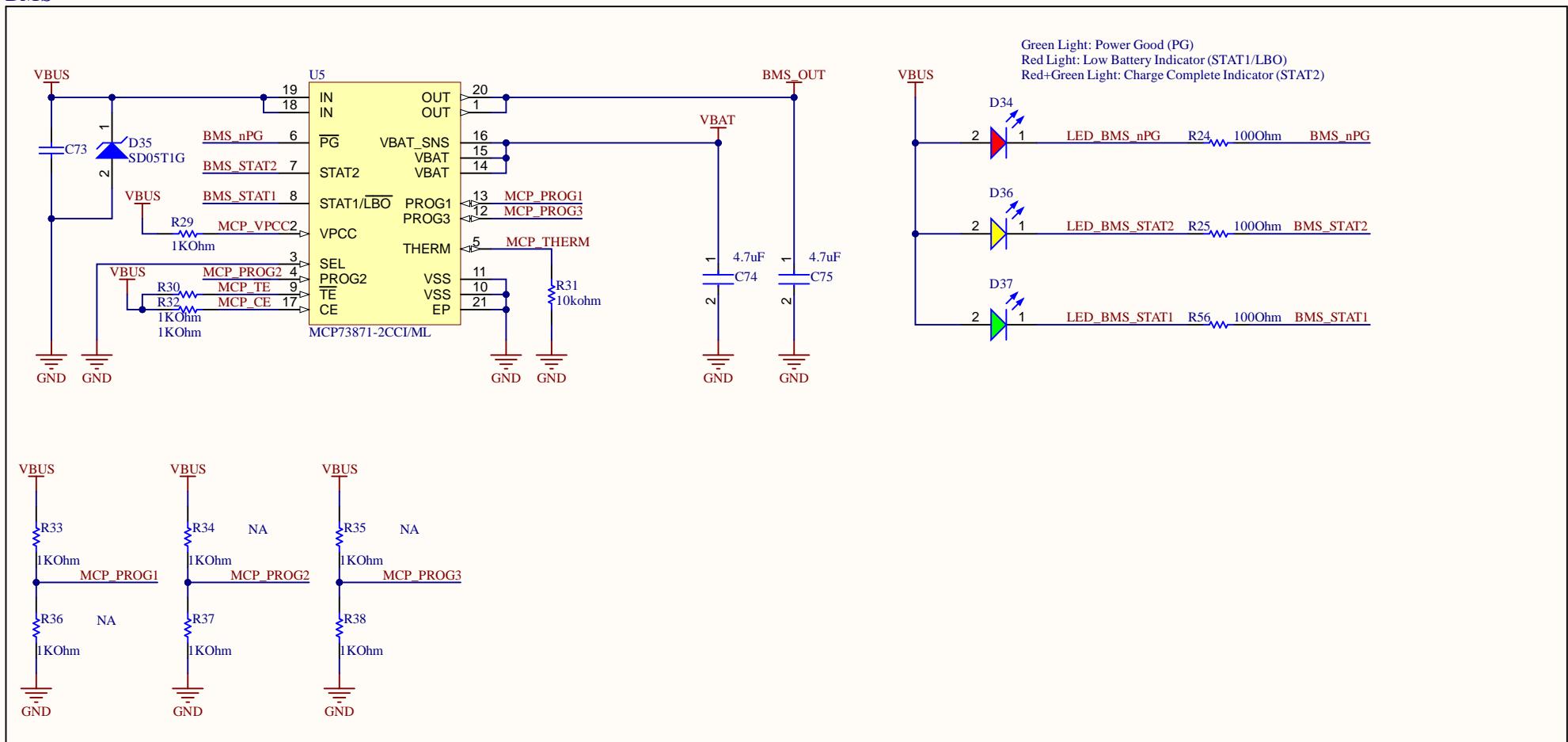
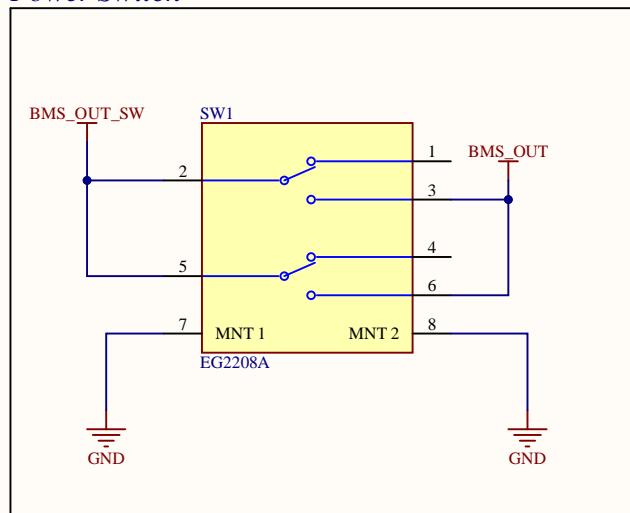
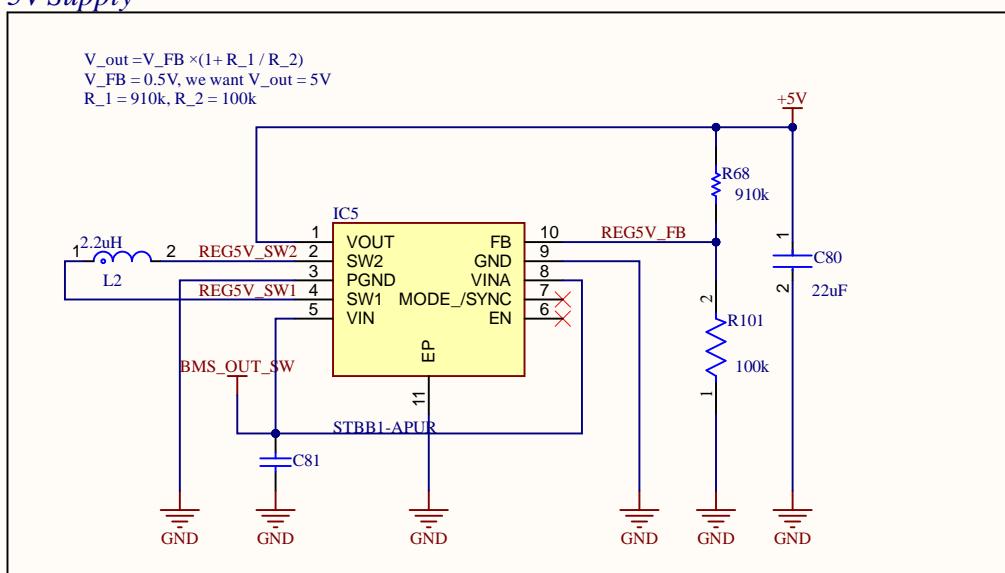
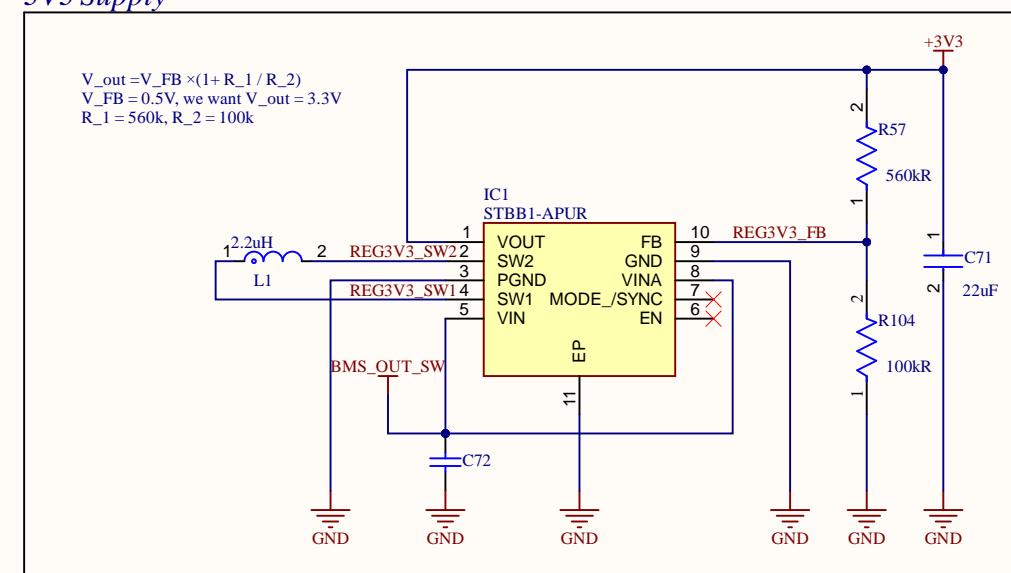
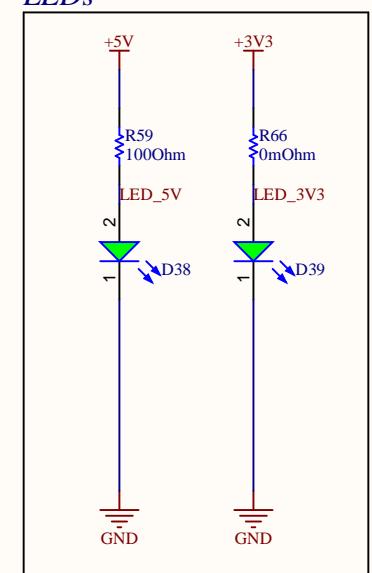
Title		
Embedded Real-Time Muscle Monitoring System		
Size	Number	Revision
A3	Schematic_1	A
Date:	6/04/2025	Sheet 4 of 8
File:	ADC_1.SchDoc	Drawn By: KGE Checked: JL



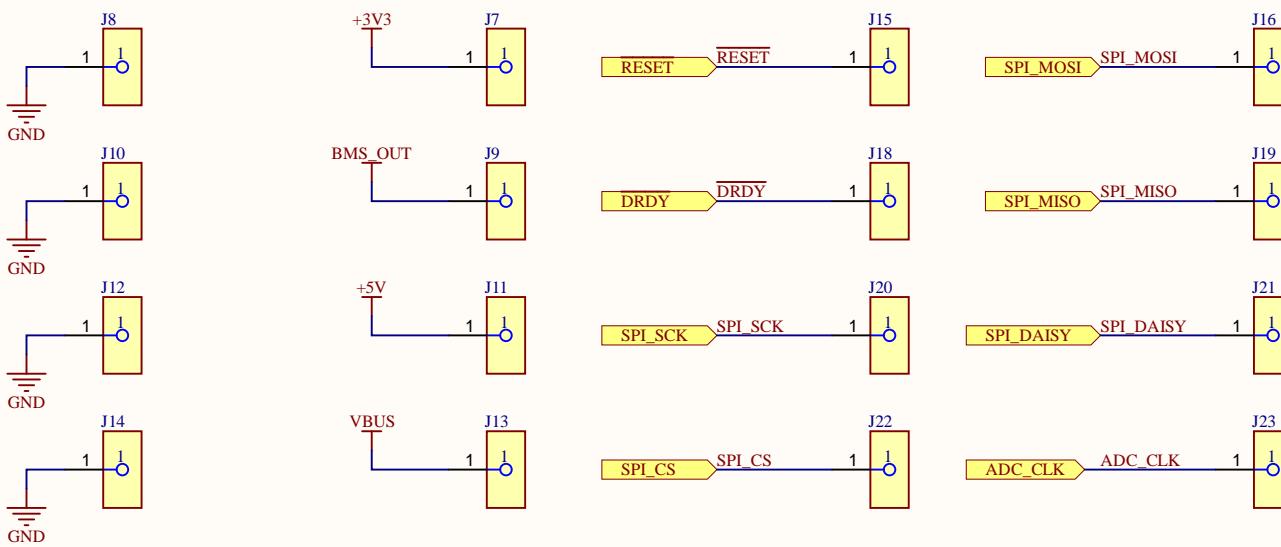
Title		
Embedded Real-Time Muscle Monitoring System		
Size	Number	Revision
A3	Schematic_1	A
Date:	6/04/2025	Sheet 5 of 8
File:	ADC_2.SchDoc	Drawn By: KGE Checked: JL



Title Embedded Real-Time Muscle Monitoring System		
Size A3	Number Schematic_1	Revision A
Date: 6/04/2025	Sheet 6 of 8	
File: IMU.SchDoc	Drawn By: KGE	Checked: JL

BMS**Power Switch****5V Supply****3V3 Supply****LEDs**

Title		
Embedded Real-Time Muscle Monitoring System		
Size	Number	Revision
A3	Schematic_1	A
Date:	6/04/2025	Sheet 7 of 8
File:	BMS.SchDoc	Drawn By: KGE Checked: JL



Title

Embedded Real-Time Muscle Monitoring System

Size

A

Number

Schematic_1

Revision

A

Date:

6/04/2025

Sheet

8

File:

Testpoints.SchDoc

Drawn By:

KGE Checked: JL