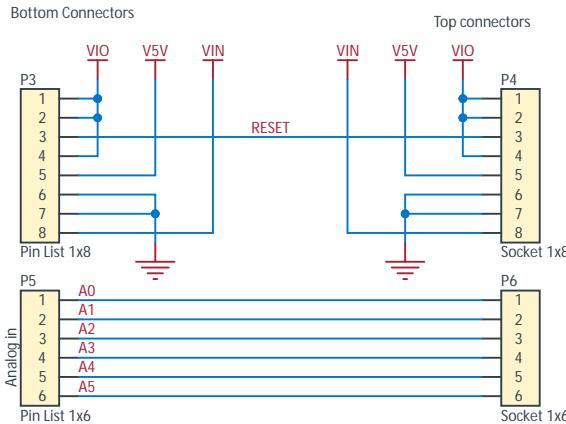
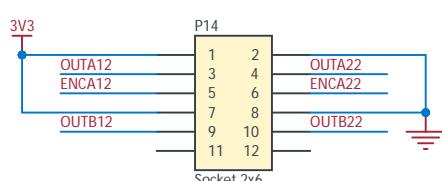
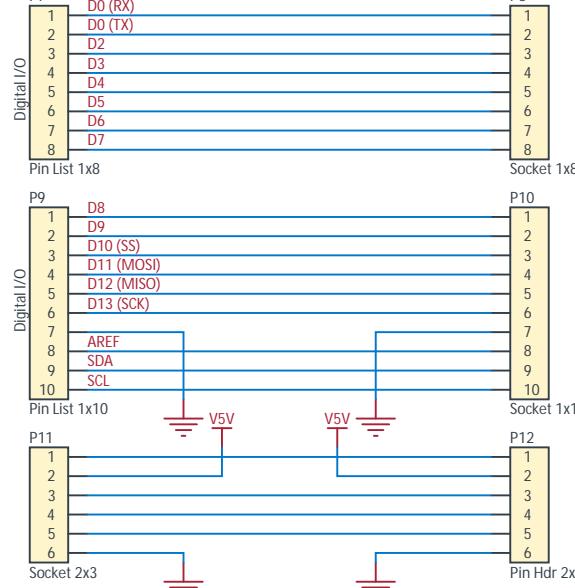
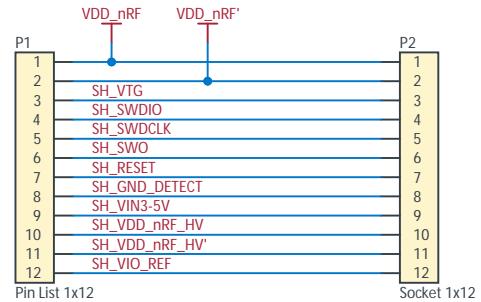


Arduino Interface Connectors



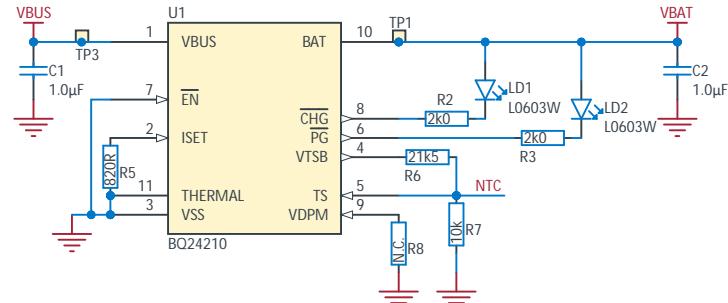
Shield Debug and Current measurement Connectors



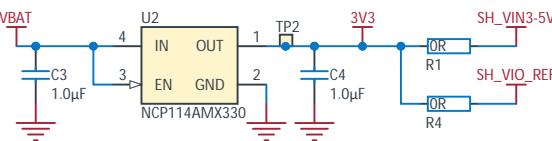
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Brushed DC Motor Driver Shield		
Size	PCB Assembly Number	Revision
A4	PCA63557	0.1.1
Date:	2/6/2023	Sheet 1 of 4
File:	pca63557_sheet1_connectors.SchDoc	Drawn By: MAM1
Classification:	PUBLIC	



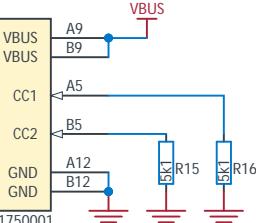
Battery charger



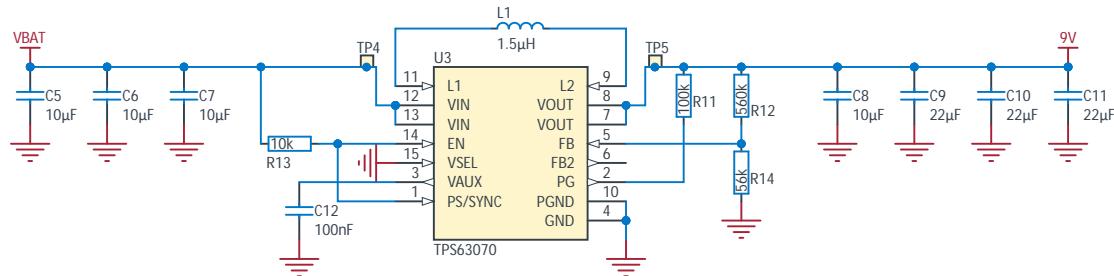
3V3 regulator



USB-C input



Buck-Boost converter



Connector



Title
Brushed DC Motor Driver Shield

Size	PCB Assembly Number	Revision
A4	PCA63557	0.1.1
Date:	2/6/2023	Sheet 2 of 4
File:	pca63557_sheet2_power_supply.SchDoc	Drawn By: MAM1
Classification:	PUBLIC	



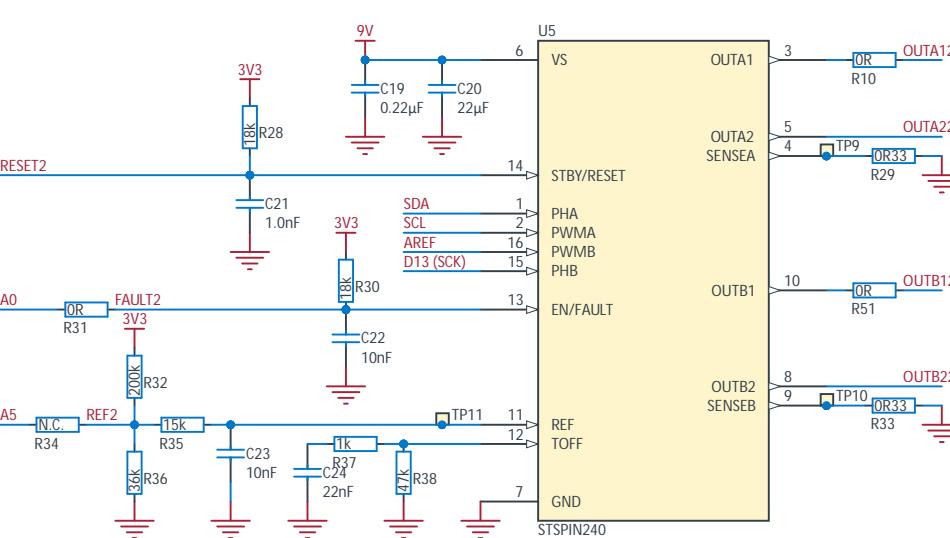
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2

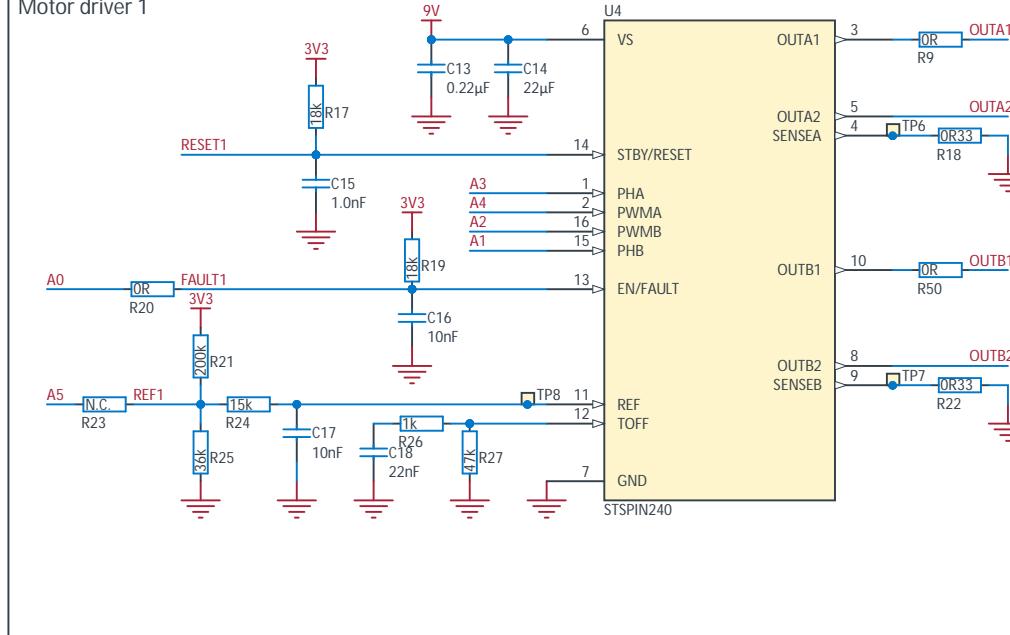
3

4

Motor driver 2



Motor driver 1



Title
Brushed DC Motor Driver Shield

Size	PCB Assembly Number	Revision
A4	PCA63557	0.1.1
Date:	2/6/2023	Sheet 3 of 4
File:	pca63557_sheet3_motor.SchDoc	Drawn By: MAM1
Classification:	PUBLIC	

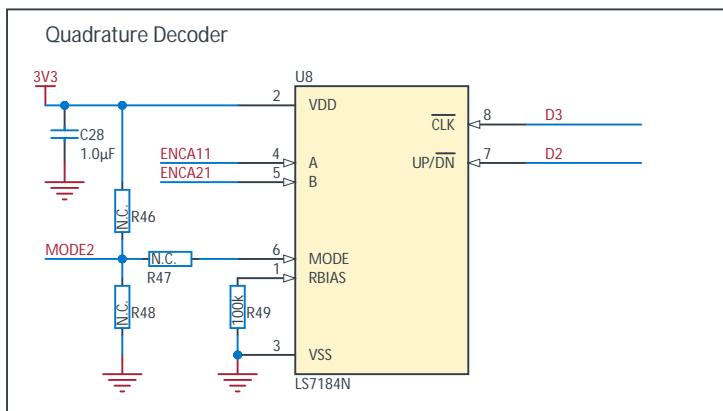
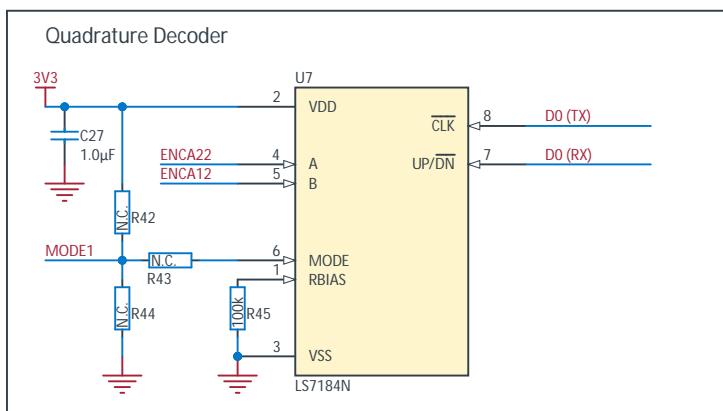
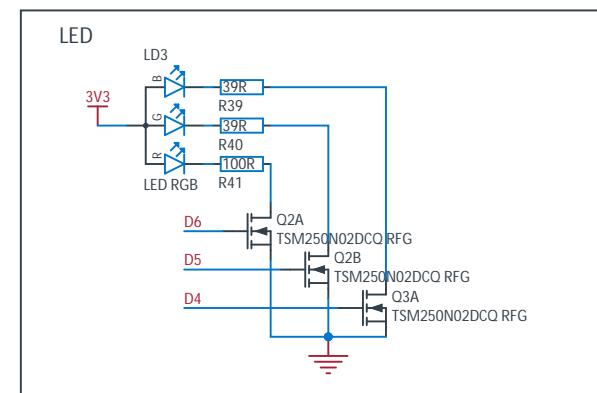
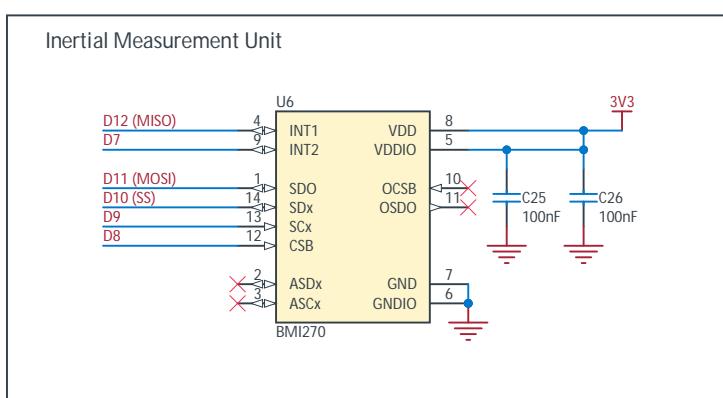


1

2

3

4



Title Brushed DC Motor Driver Shield		 NORDIC SEMICONDUCTOR
Size A4	PCB Assembly Number PCA63557	Revision 0.1.1
Date: 2/6/2023	Sheet 4 of 4	Drawn By: MAM1
File: pca63557_sheet4_misc.SchDoc		
Classification: PUBLIC		

