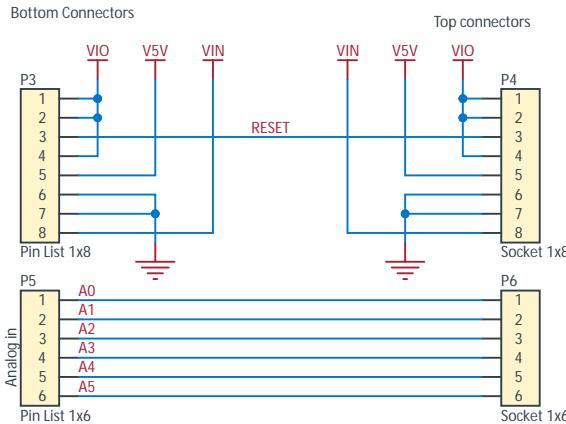
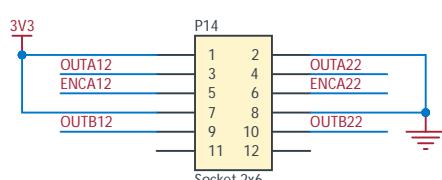
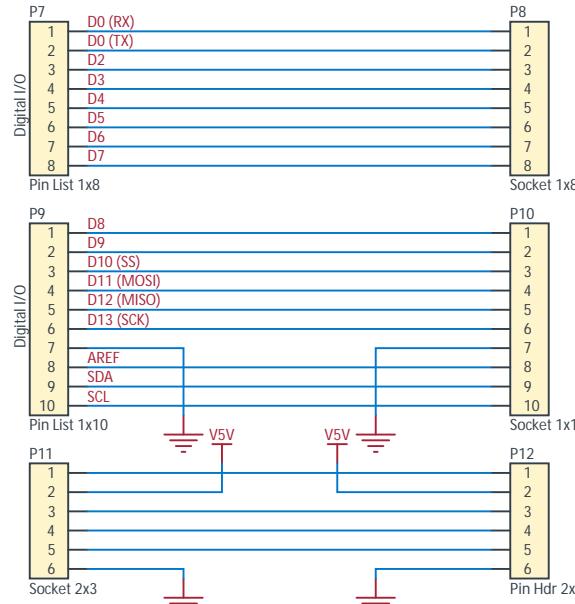
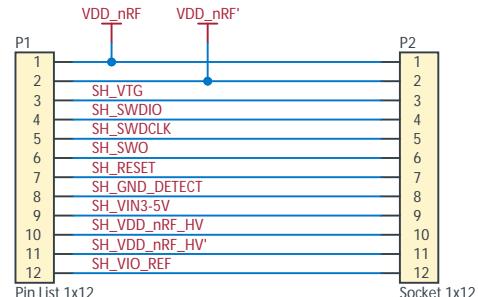


Arduino Interface Connectors



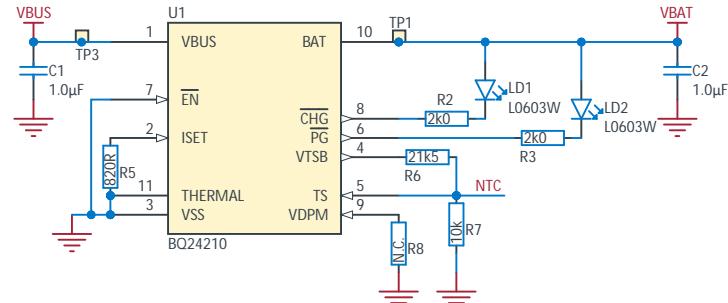
Shield Debug and Current measurement Connectors



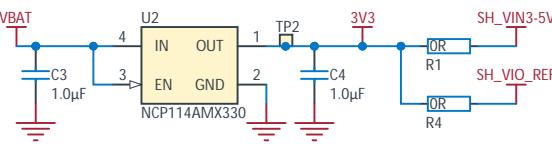
Title		
Brushed DC Motor Driver Shield		
Size	PCB Assembly Number	Revision
A4	PCA63557	0.1.0
Date:	6/27/2022	Sheet 1 of 4
File:	pca63557_sheet1_connectors.SchDoc	Drawn By: MAM1
Classification:	CONFIDENTIAL	



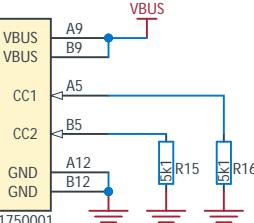
Battery charger



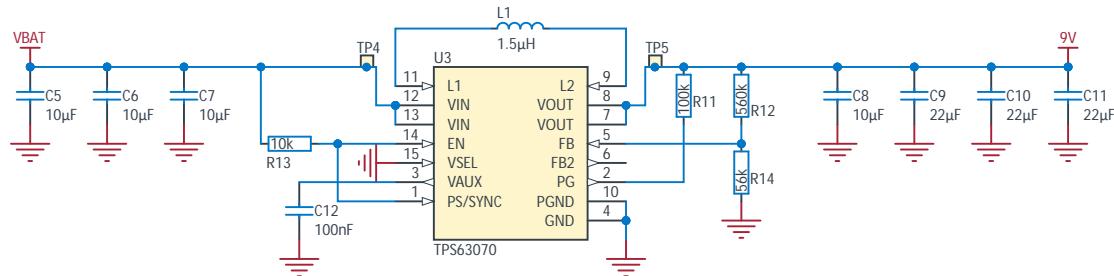
3V3 regulator



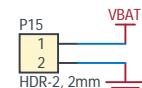
USB-C input



Buck-Boost converter



Connector



Title
Brushed DC Motor Driver Shield

Size	PCB Assembly Number	Revision
A4	PCA63557	0.1.0
Date:	6/27/2022	Sheet 2 of 4
File:	pca63557_sheet2_power_supply.SchDoc	Drawn By: MAM1
Classification:	CONFIDENTIAL	



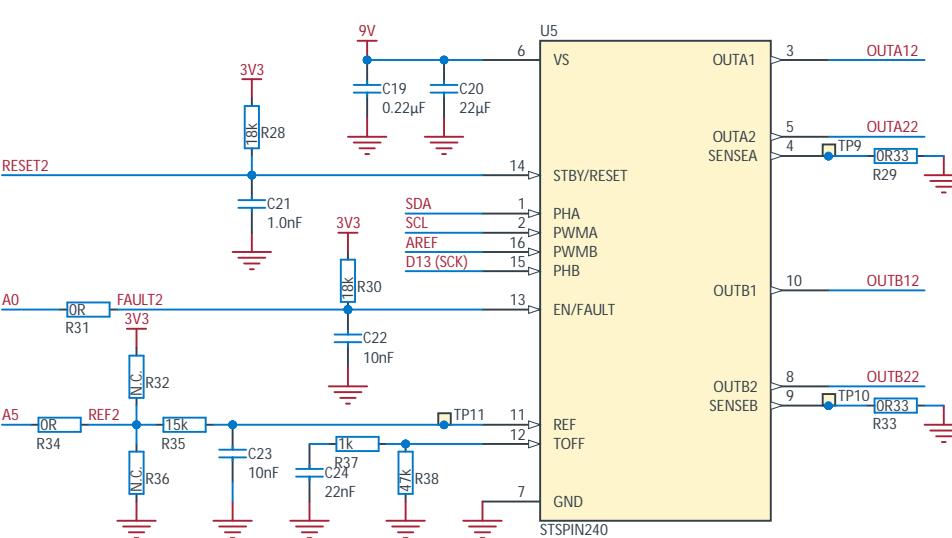
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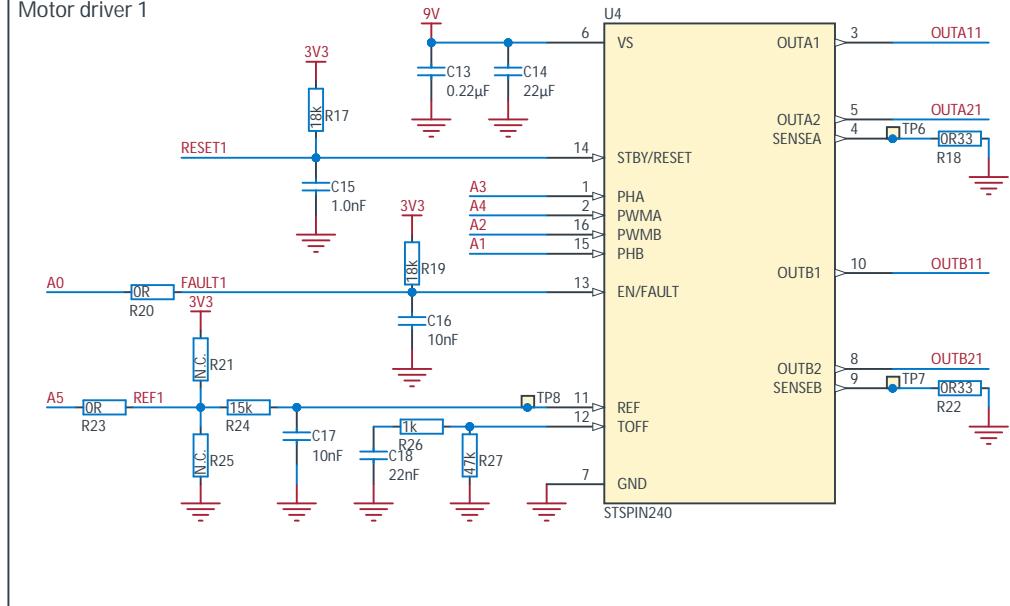
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4

Motor driver 2



Motor driver 1



Title
Brushed DC Motor Driver Shield

Size	PCB Assembly Number	Revision
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Date:	6/29/2022	Sheet 3 of 4
File:	pca63557_sheet3_motor.SchDoc	Drawn By: MAM1
Classification:	CONFIDENTIAL	

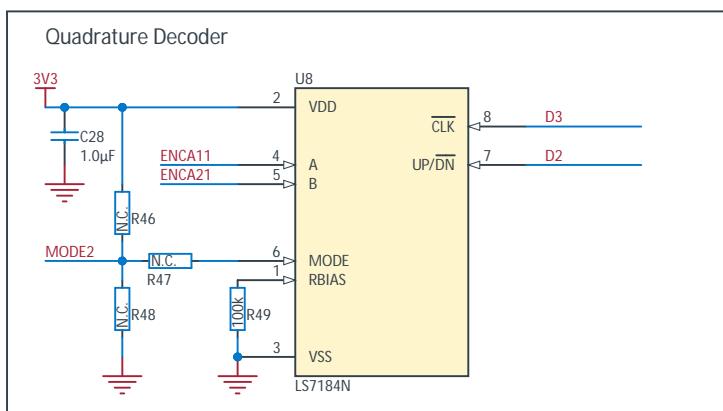
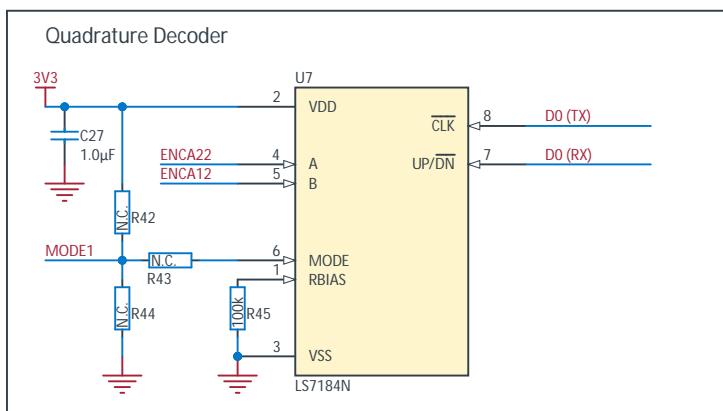
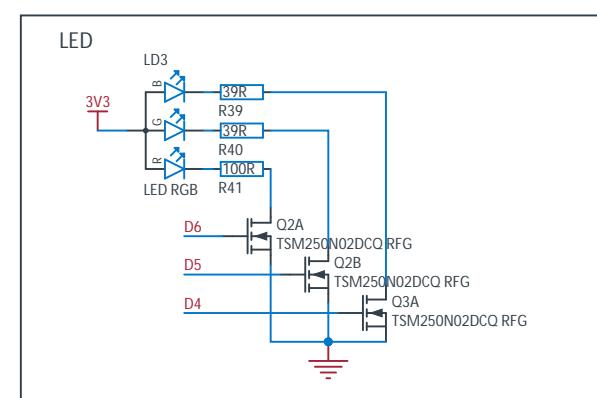
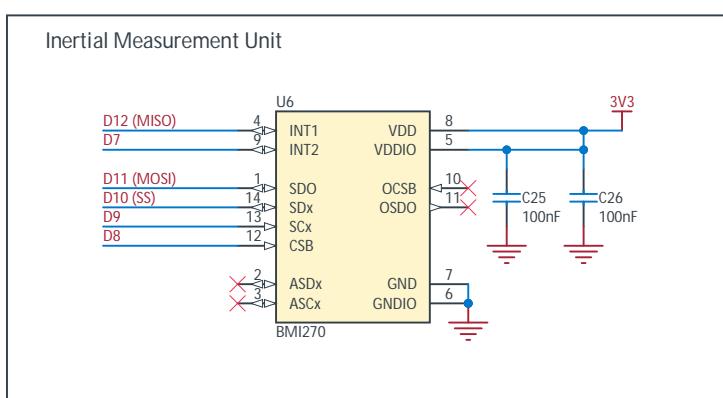


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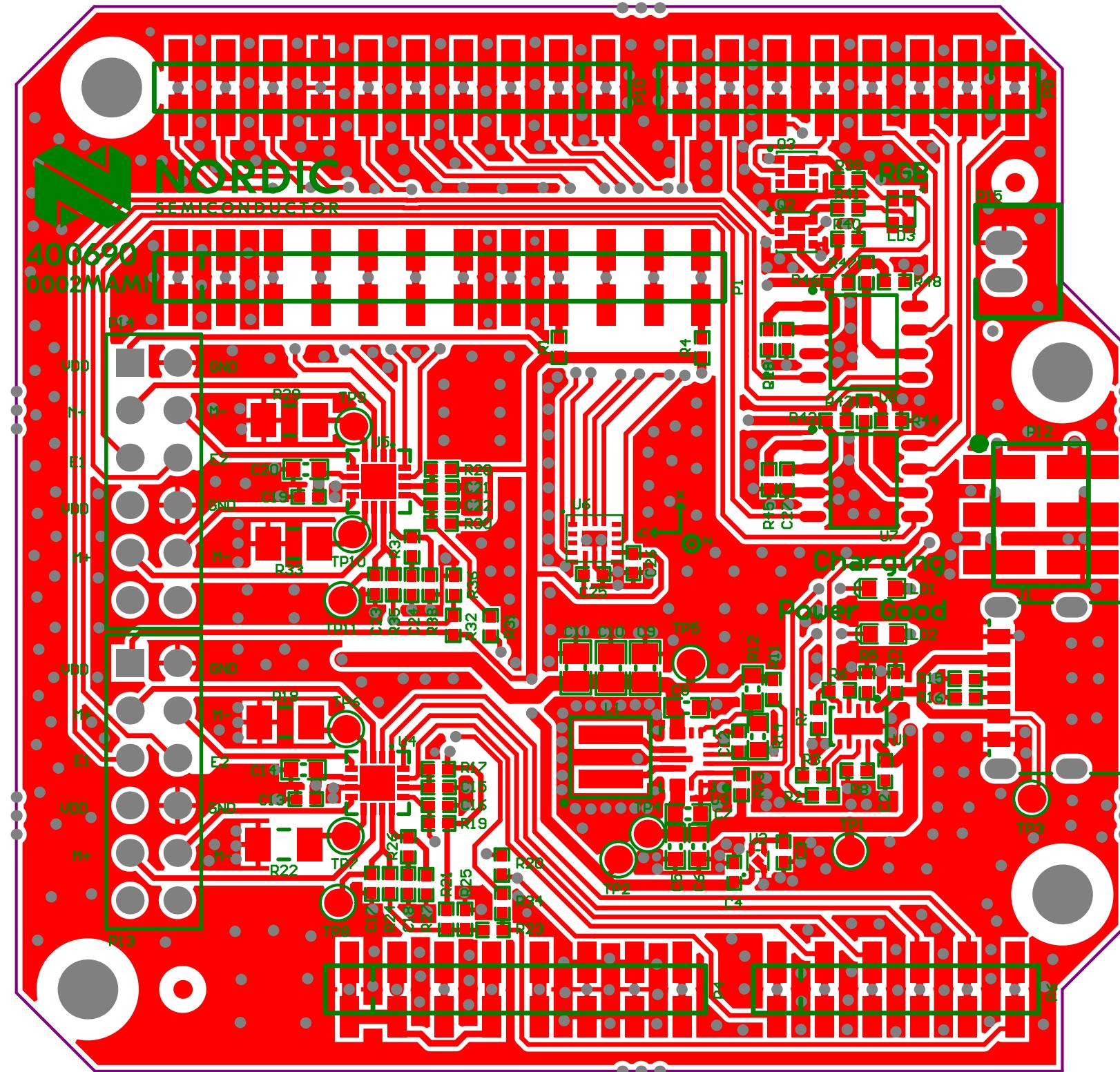
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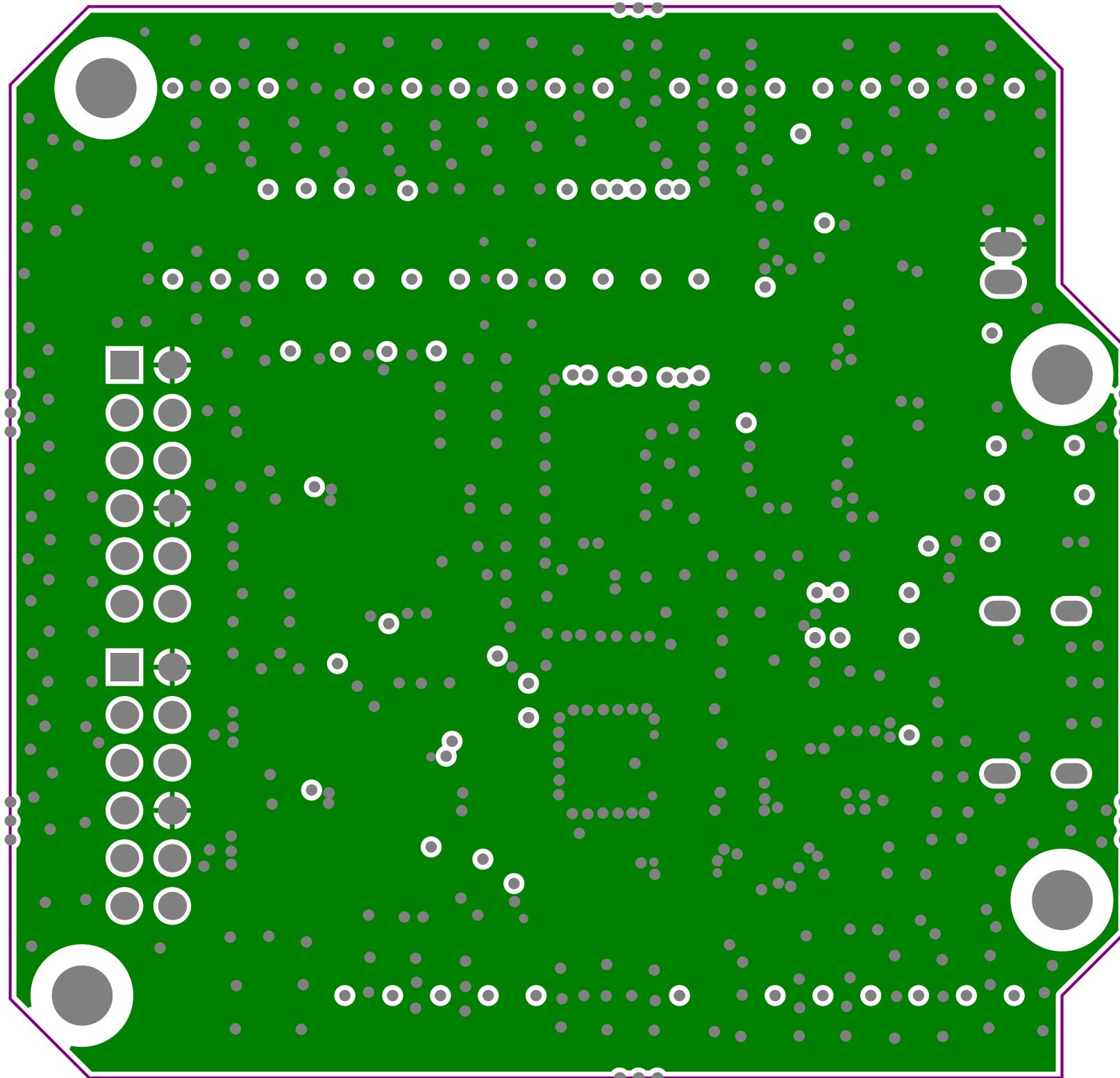
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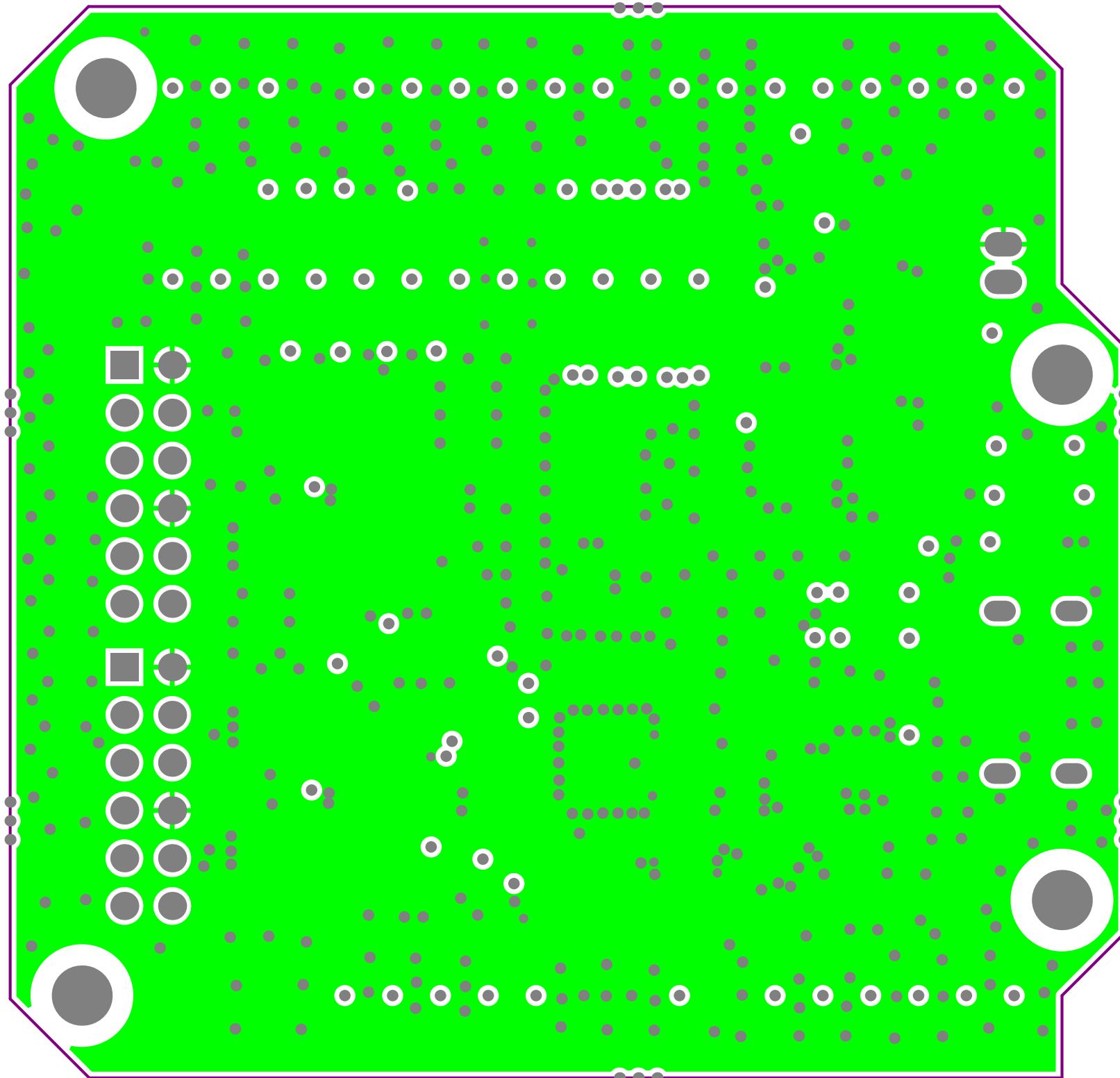
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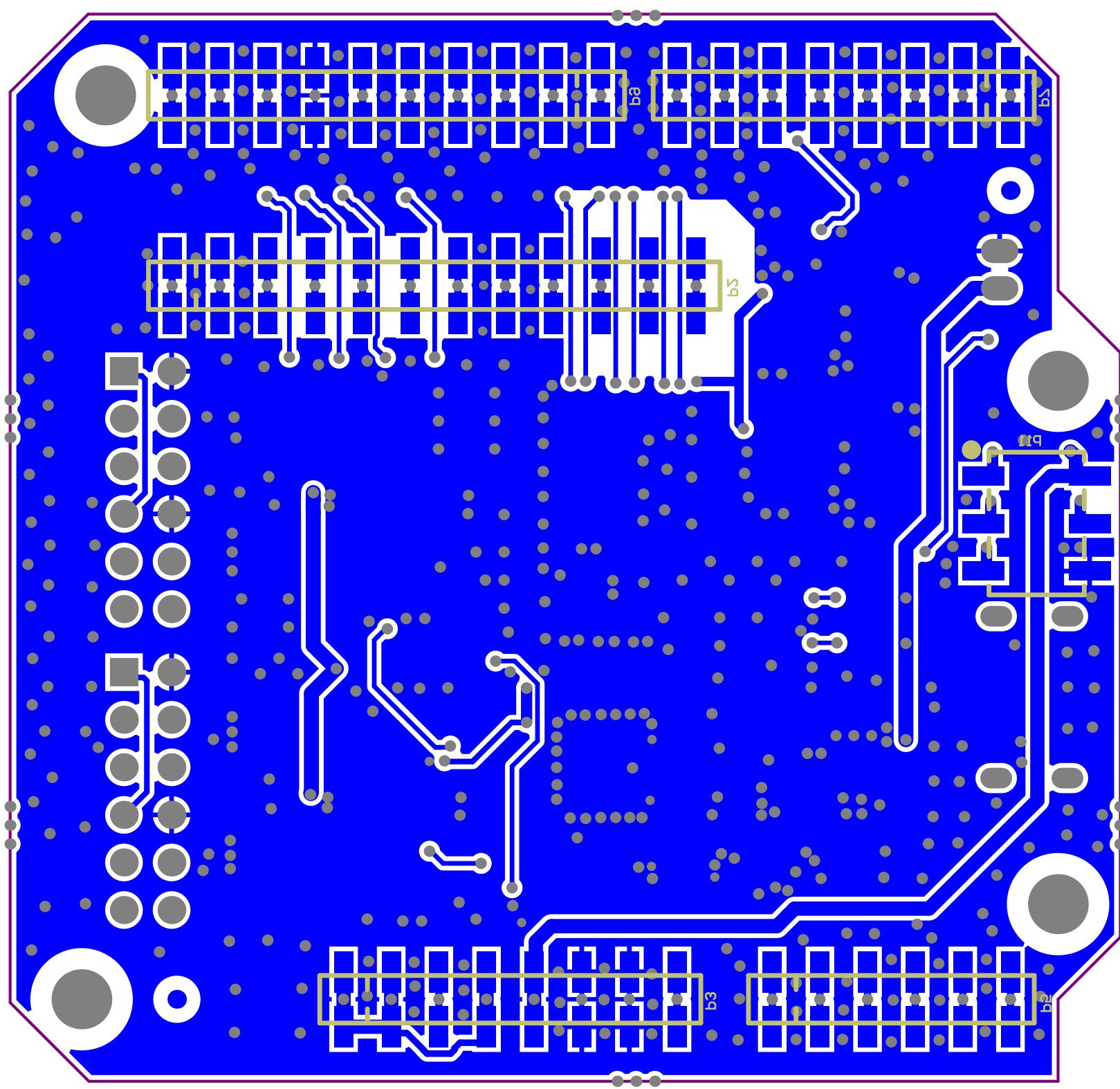


Title Brushed DC Motor Driver Shield		 NORDIC SEMICONDUCTOR
Size A4	PCB Assembly Number PCA63557	Revision 0.1.0
Date: 6/27/2022	Sheet 4 of 4	
File: pcba63557_sheet4_misc.SchDoc	Drawn By: MAM1	
Classification: CONFIDENTIAL		











NORDIC
SEMICONDUCTOR

400690
0002MAMI

