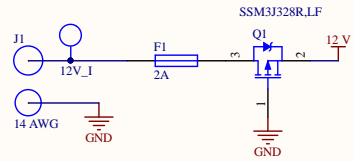


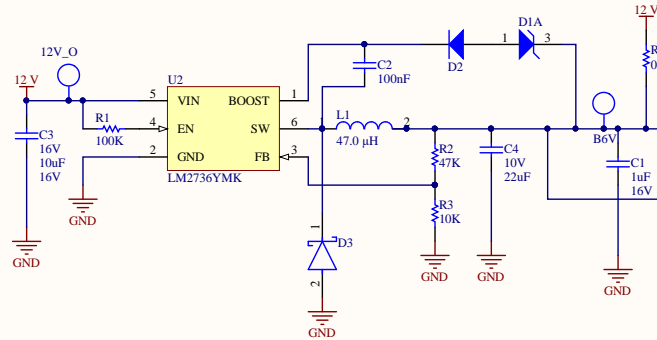
12 V supply

Protection

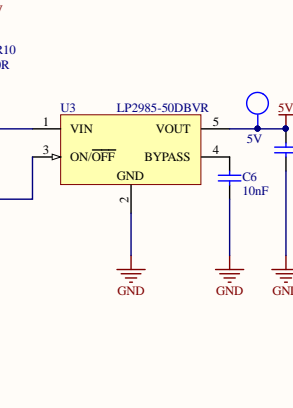
-reverse polarity
-overcurrent



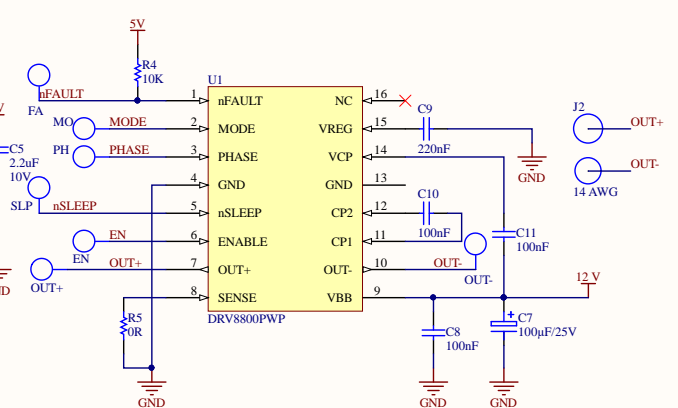
12 - 6 V buck



5V Linear regulator

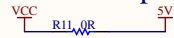


12 V motor H-bridge driver

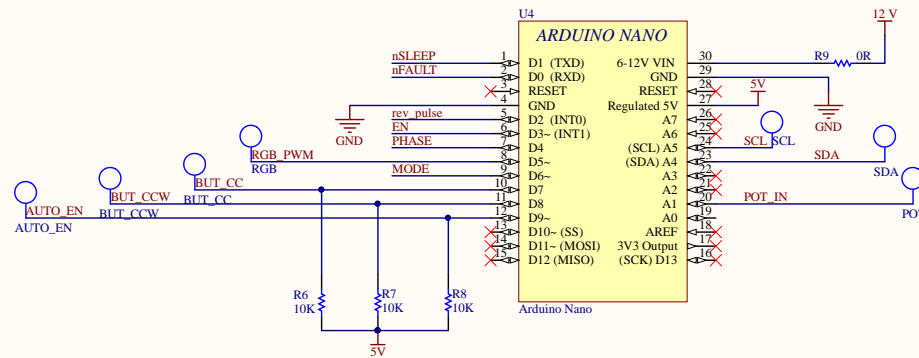


Motor output

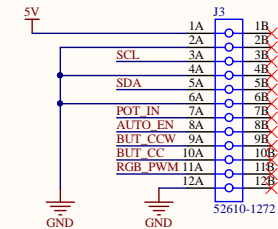
Speed Sensor



Arduino nano



12 pin FFP breakout connector



Title		
Size	Number	Revision
A3		
Date:	7/09/2022	Sheet of
File:	C:\Users\l\athe_mainboard.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
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