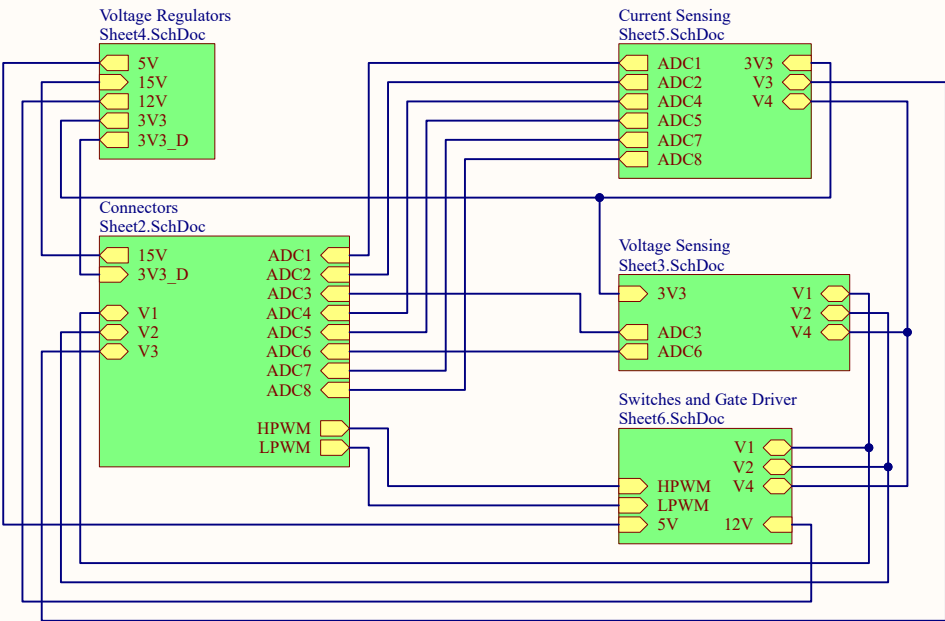


Sheet Symbol Diagram

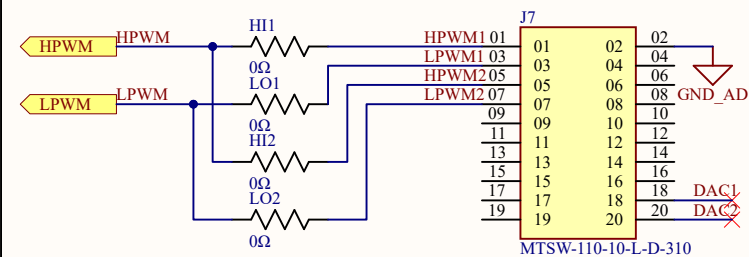
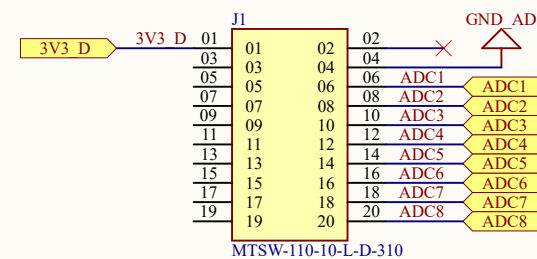
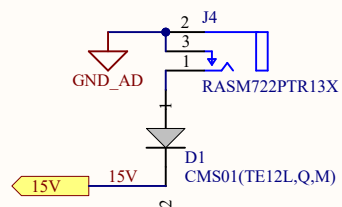
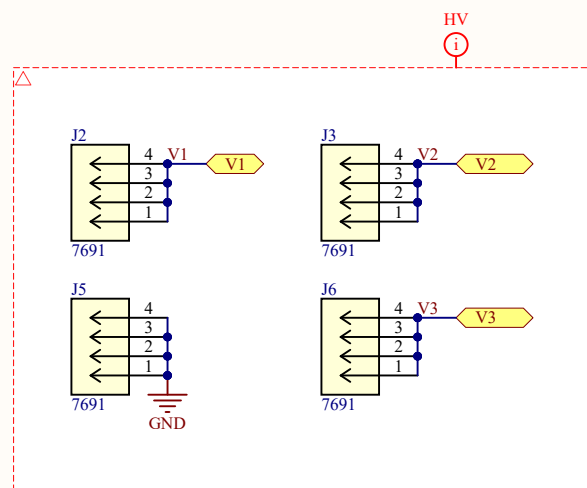


Title Modular Power Converter - Sheet Symbol Diagram		
Size A4	Number	Revision 2
Date:	11-15-2022	Sheet of
File:	C:\Users\...\Sheet1.SchDoc	Drawn By: Anastasiya Rybitska

Power Connectors

Auxiliary Power Supply Connector

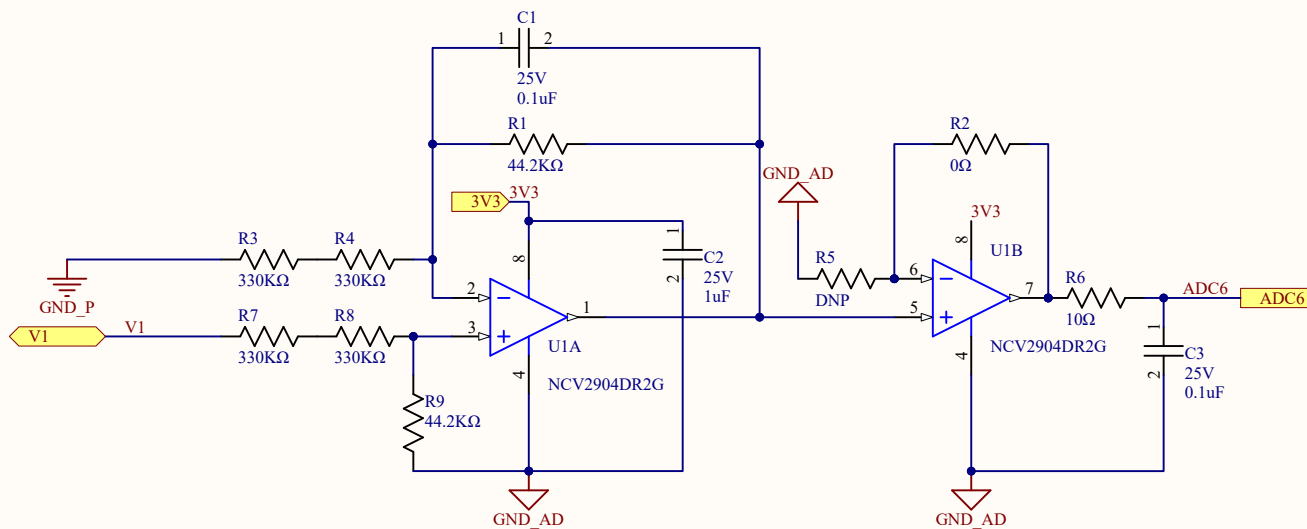
LaunchPad Header Connectors



DESIGN NOTE: HI1, HI2, LO1, AND LO2 MUST BE REMOVED/PLACED SUCH THAT THE DESIRED HPWM/LPWM SIGNAL CONNECTS TO THE BOARD.

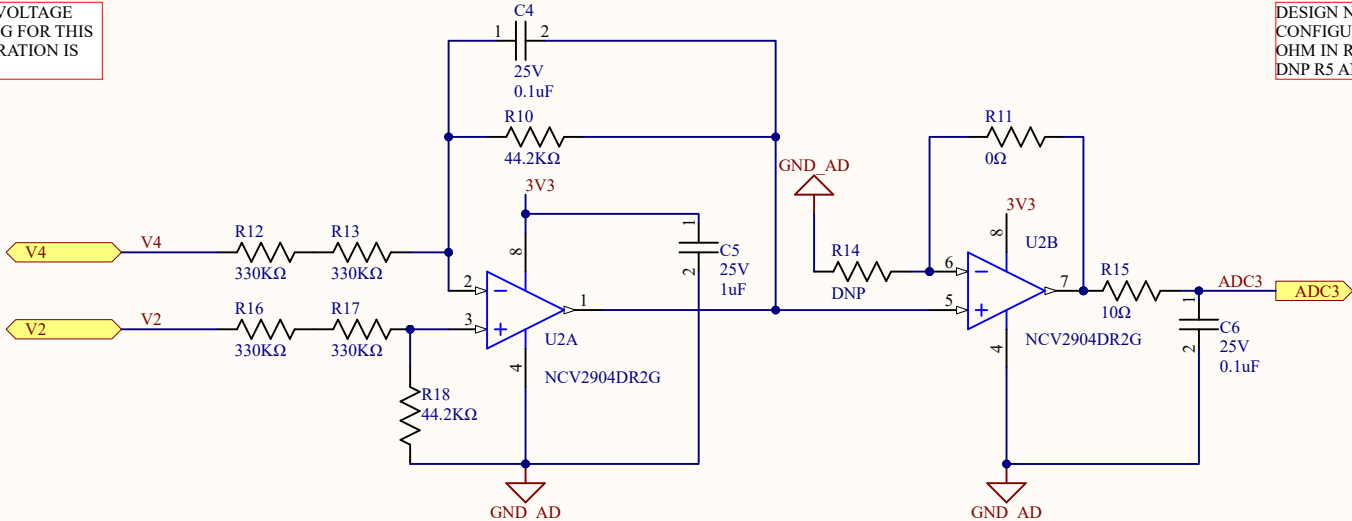
Title Modular Power Converter - Connectors		
Size A4	Number	Revision 2
Date:	11-15-2022	Sheet of
File:	C:\Users\...\Sheet2.SchDoc	Drawn By: Anastasiya Rybitska

Voltage Sensing



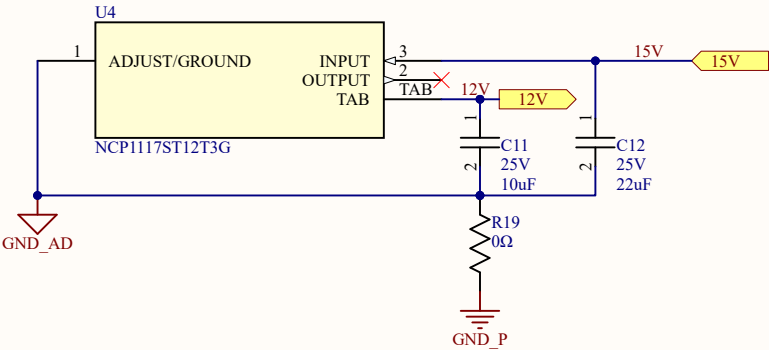
DESIGN NOTE: VOLTAGE RANGE MAPPING FOR THIS GAIN CONFIGURATION IS 0-50V TO 0-3.3V.

DESIGN NOTE: FOR BUFFER CONFIGURATION, USE 0 OHM IN R6 AND R15, AND DNP R5 AND R14.

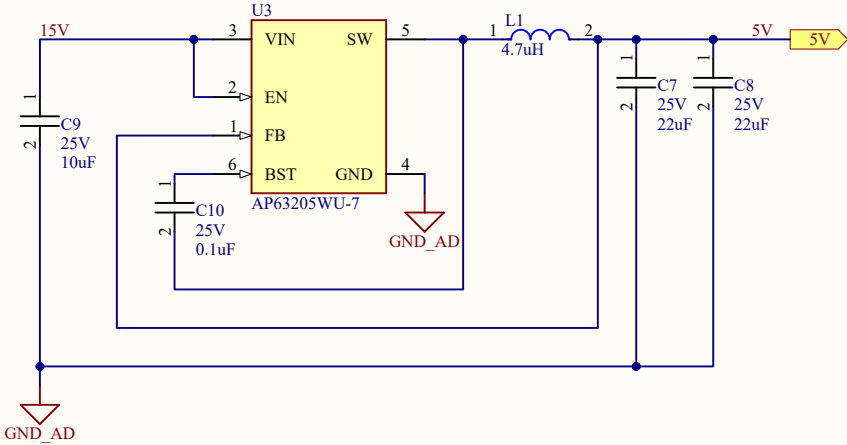


Title Modular Power Converter - Voltage Sensing		
Size A4	Number	Revision 2
Date: 11-15-2022	Sheet of	
File: C:\Users\...\Sheet3.SchDoc	Drawn By: Anastasiya Rybitska	

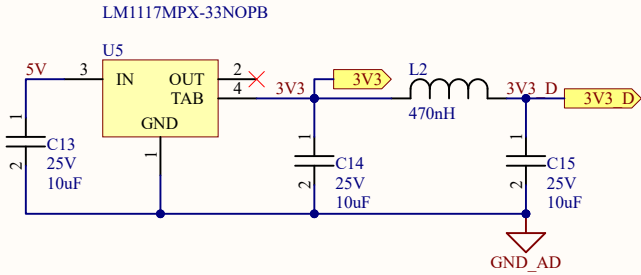
12V Regulator



5V Regulator

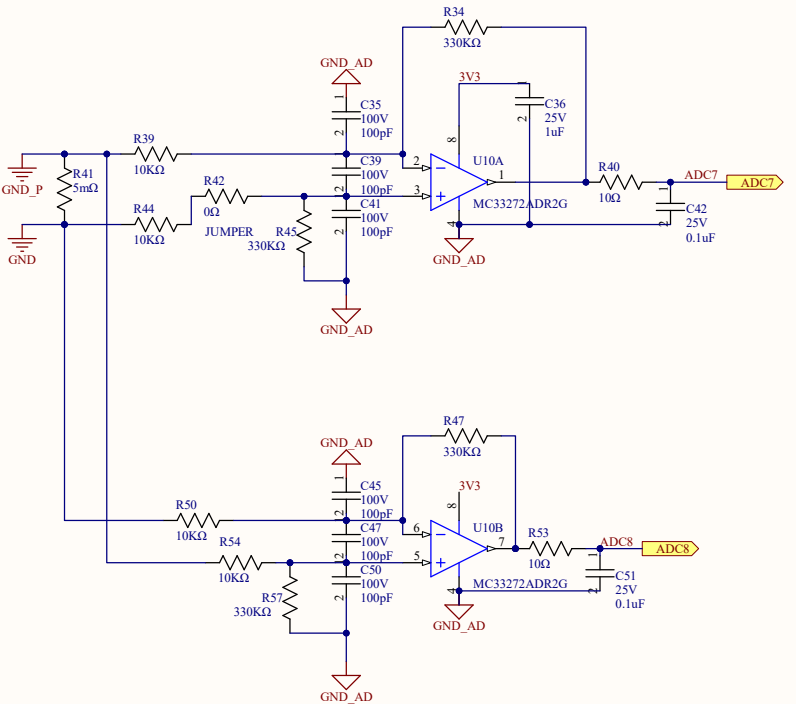
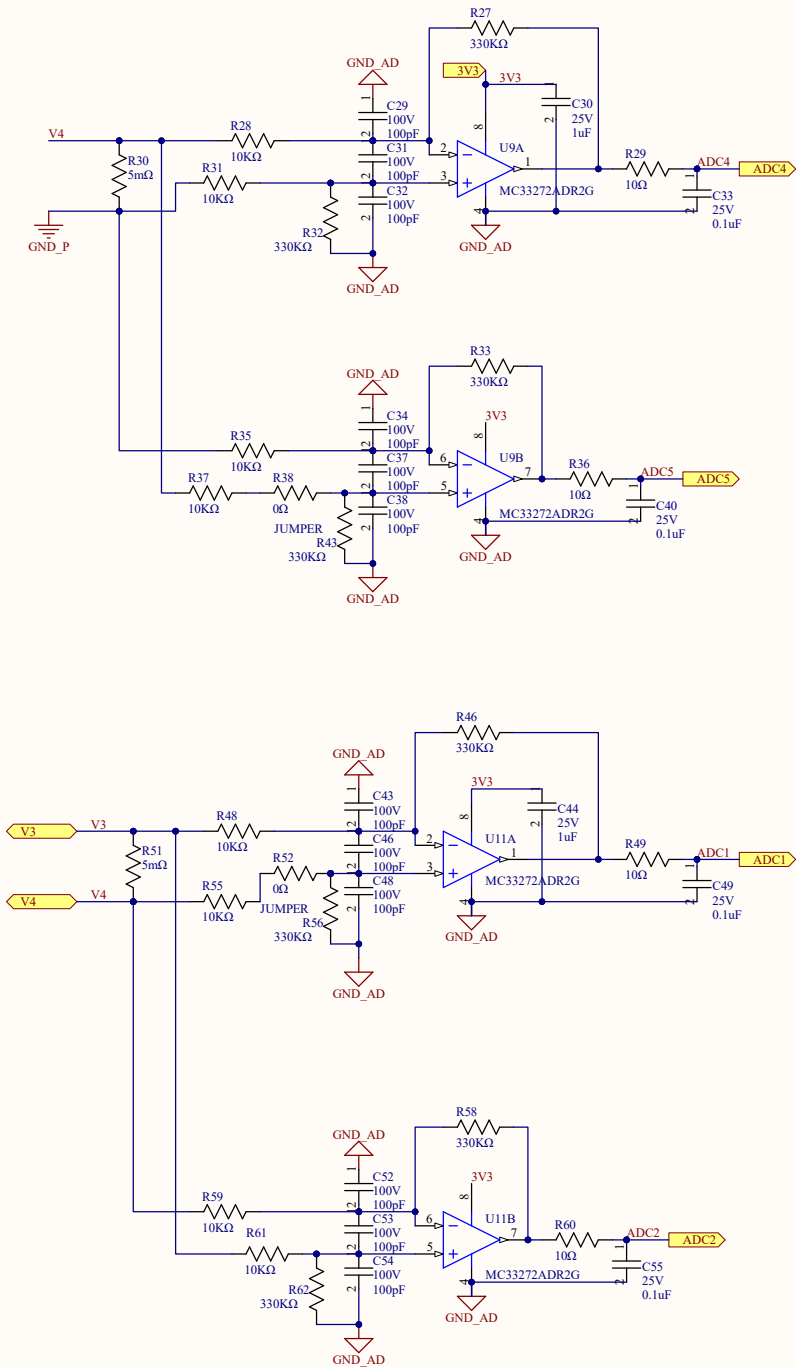


3.3V Regulator



Title		
Modular Power Converter - Voltage Regulators		
Size	Number	Revision
A4		2
Date:	11-15-2022	Sheet of
File:	C:\Users\...\Sheet4.SchDoc	Drawn By: Anastasiya Rybitska

Current Sensing



Title		
Modular Power Converter - Current Sensing		
Size	Number	Revision
A3		2
Date:	11-15-2022	Sheet of
File:	C:\Users\...\Sheet5.SchDoc	Drawn By: Anastasiya Rybitska

