

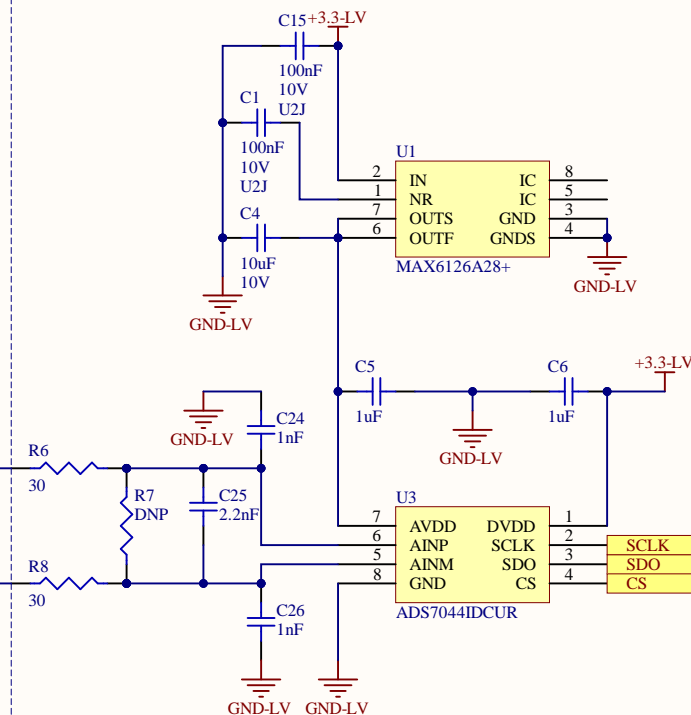
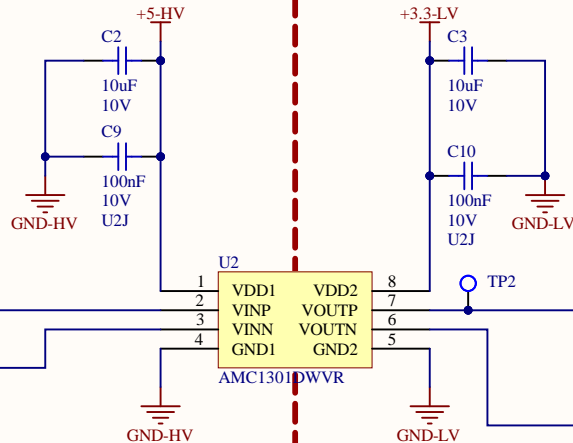
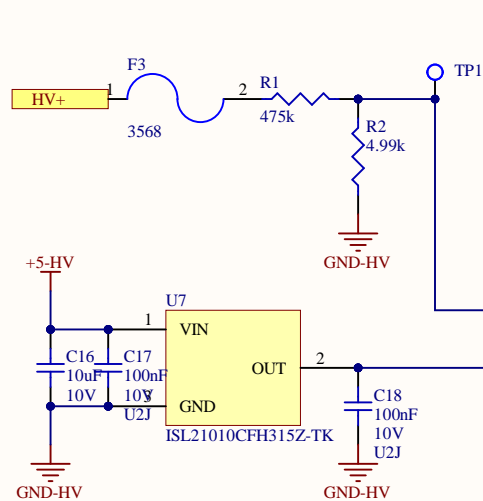
High Voltage

Low Voltage

Input

Isolated Amplifier

ADC



HV Board

Rev 1

Team Name: Team Phantom

Designers: Brayden McKeen

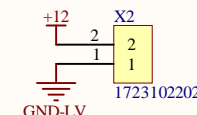
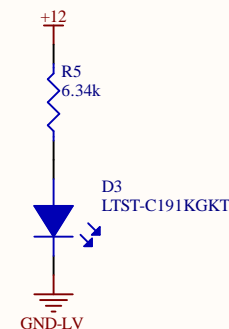
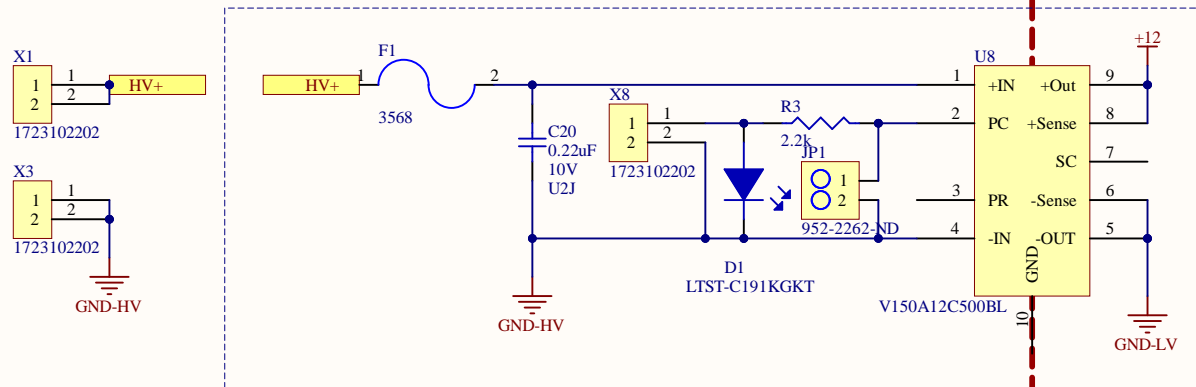
Voltage Measurement

Schematic page 1 of 3

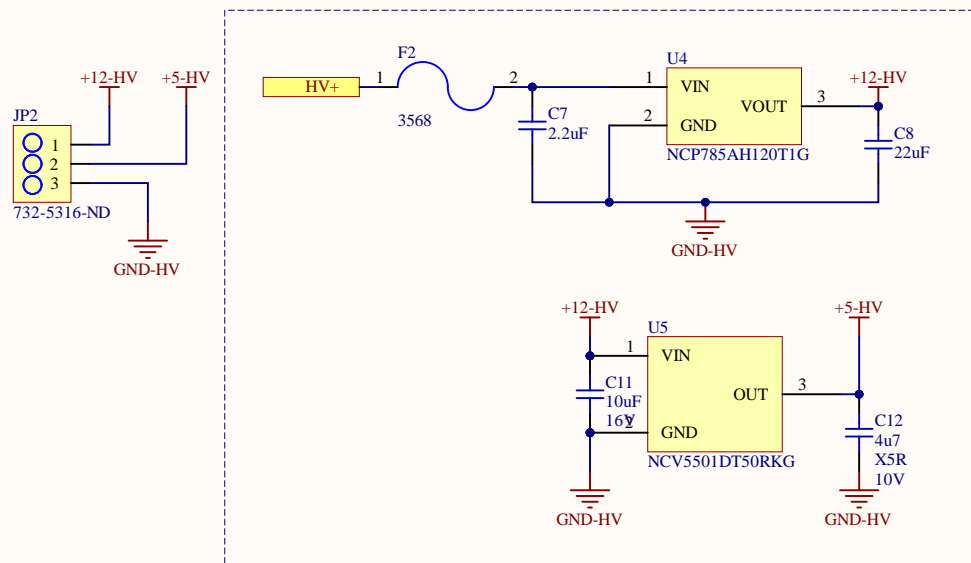
High Voltage

Low Voltage

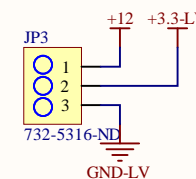
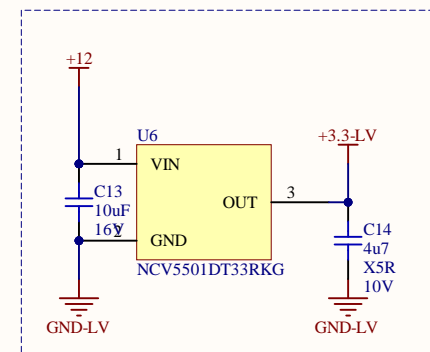
Isolated 12V Power Supply



5V Power Supply



3.3V Power Supply



HV Board

Rev 1

Team Name: Team Phantom

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Power Supply

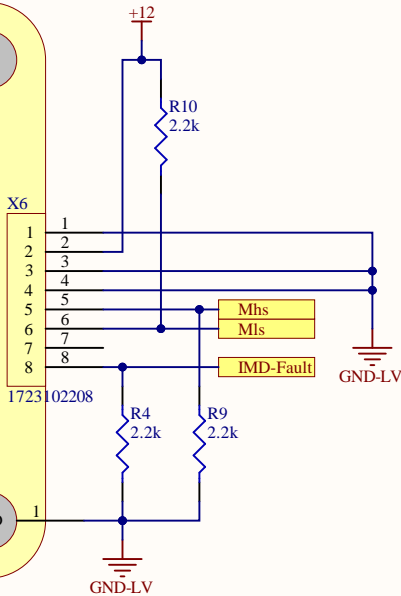
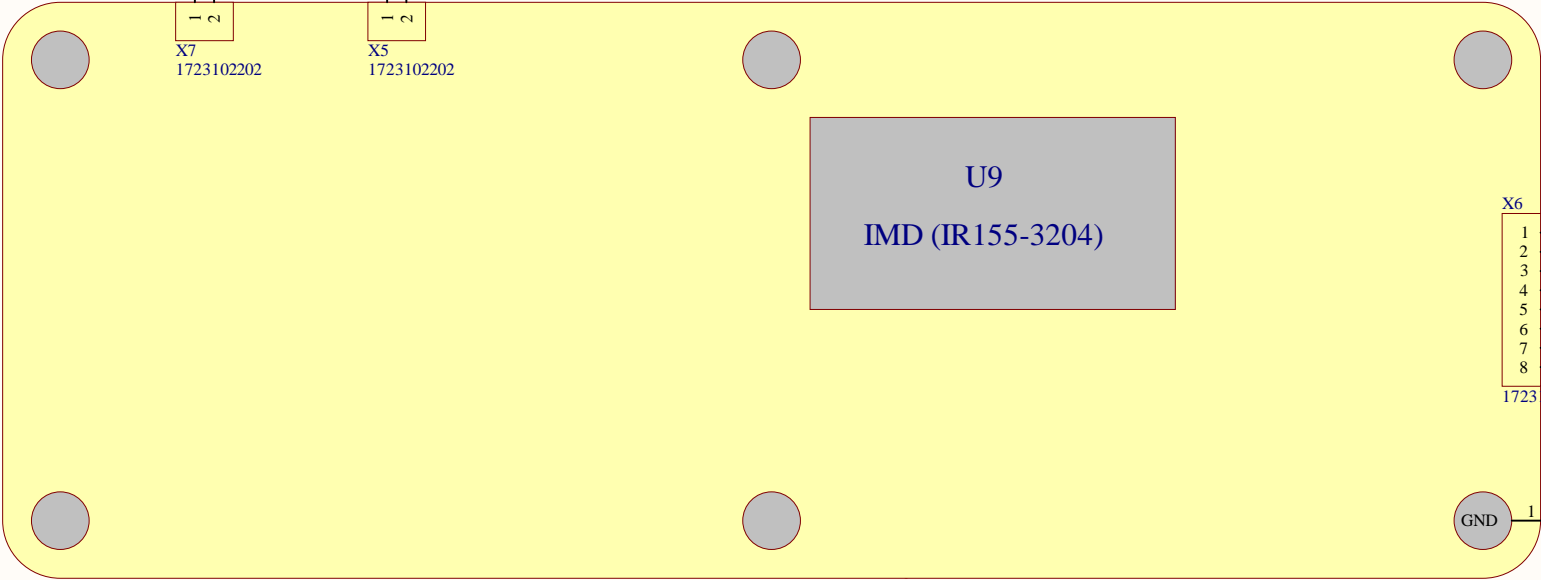
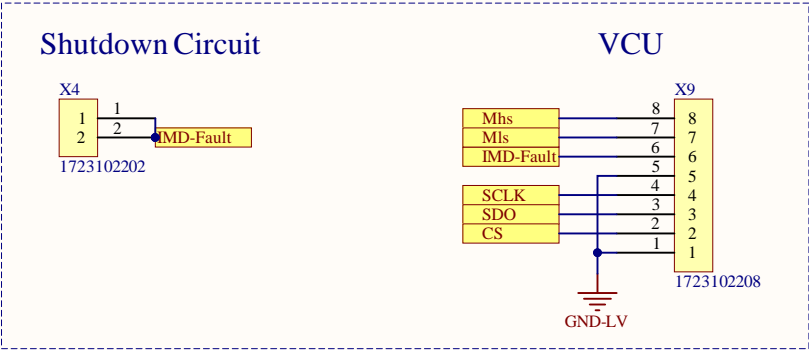
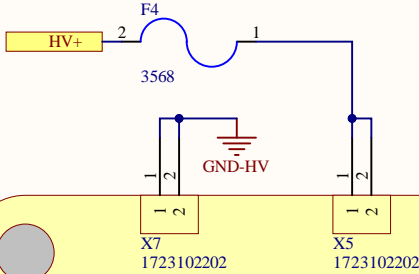
Schematic page 2 of 3

High Voltage

Low Voltage

Isolation Monitoring Device (IMD)

IMD Fault Signal Outputs



HV Board	Rev 1	Team Name:	Team Phantom
		Designers:	Brayden McKeen
		Schematic page 3 of 3	

