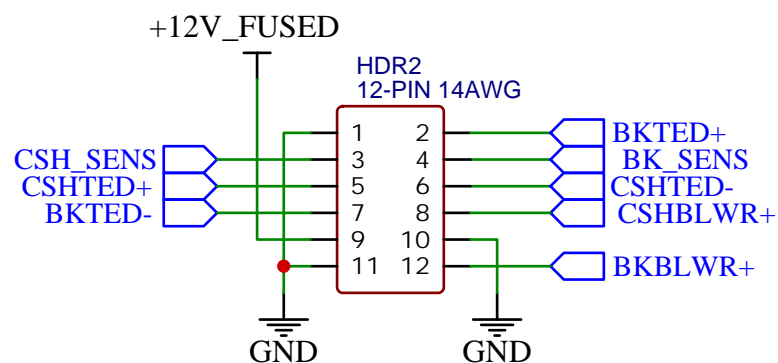
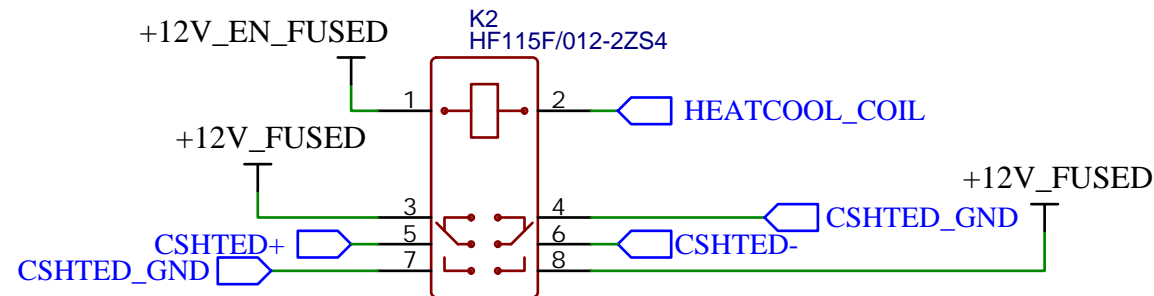
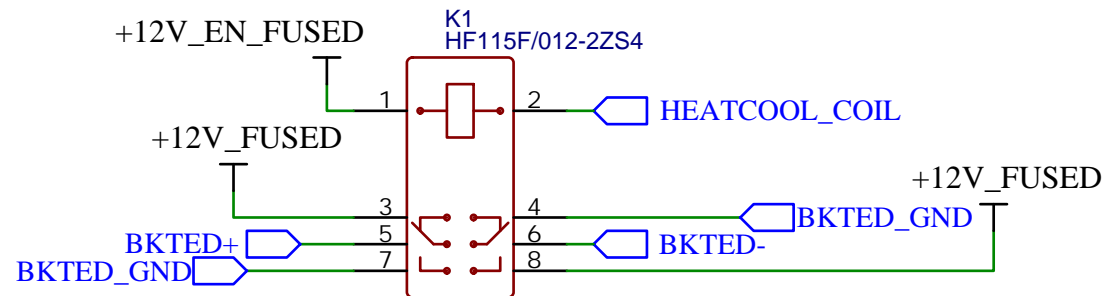


Power Input

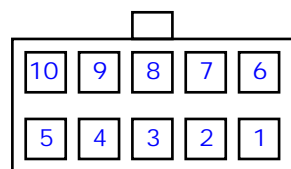
- 1 - Ground
- 2 - Ground
- 3 - +12V Control Enable
- 4 - +12V Power Enable



Seat Connector

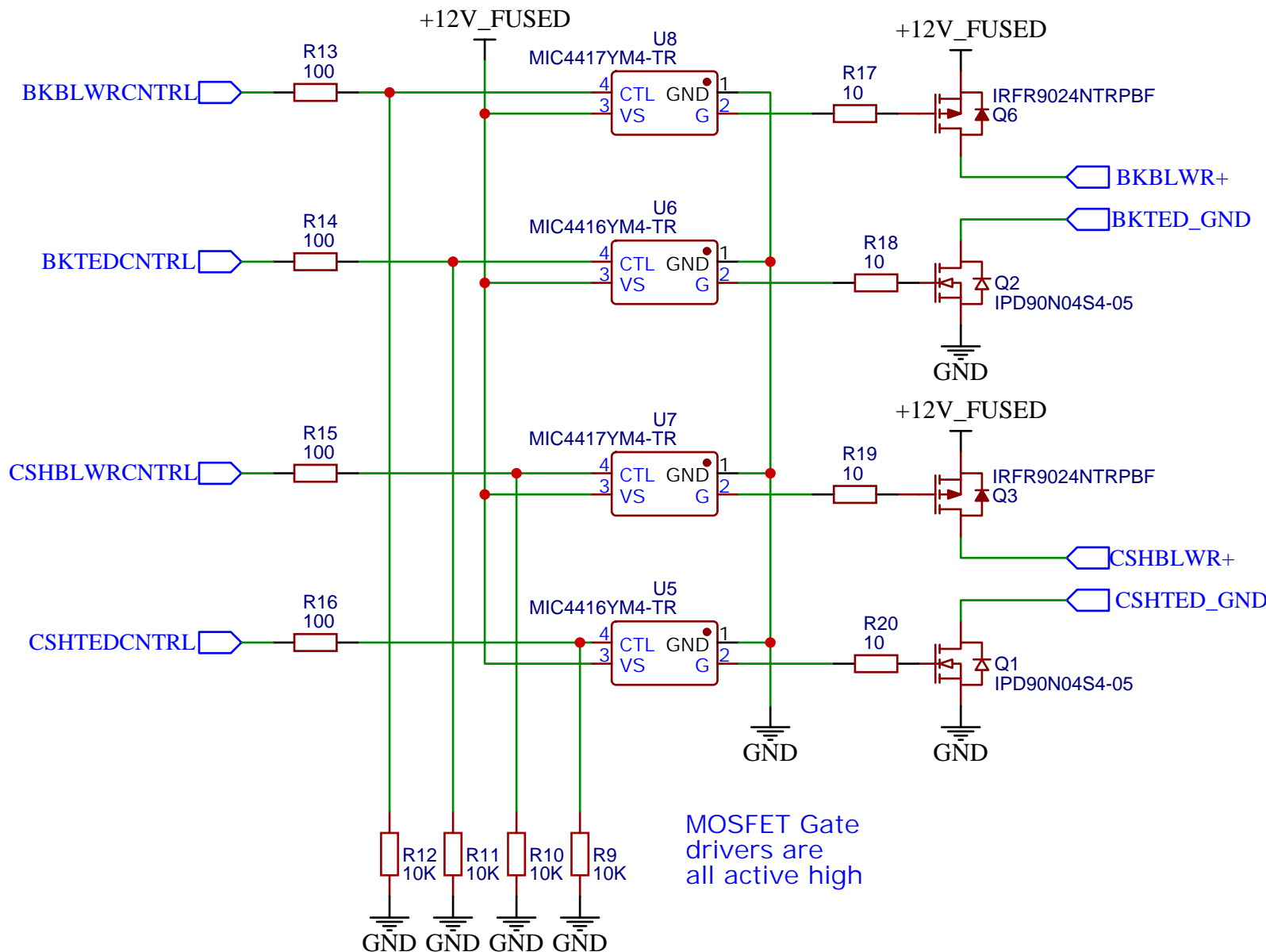
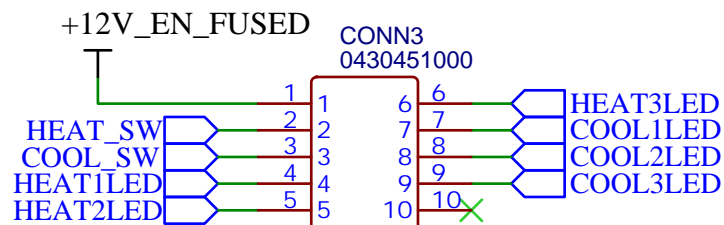
Connector Table			
Drivers Seat		Passenger Seat	Description
1	GY-OG	VT-WH	Seat Blower Ground
2	GY-VT	BU-BN	Backrest TED +
3	VT	WH-OG	Cushion RTC +
4	GN	YE-BU	Backrest RTC +
5	YE-BU	GY-BU	Cushion TED +
6	BU-OG	BU	Cushion TED -
7	WH-VT	WH	Backrest TED -
8	BN-GN	BN-BU	Cushion Blower Control
9	GN-BN	BN-YE	Seat Blower Power
10	YE-VT	BU-OG	Cushion RTC -
11	WH-BU	GN-BU	Backrest RTC -
12	GY	BU-WH	Backrest Blower Control

Switch Connector



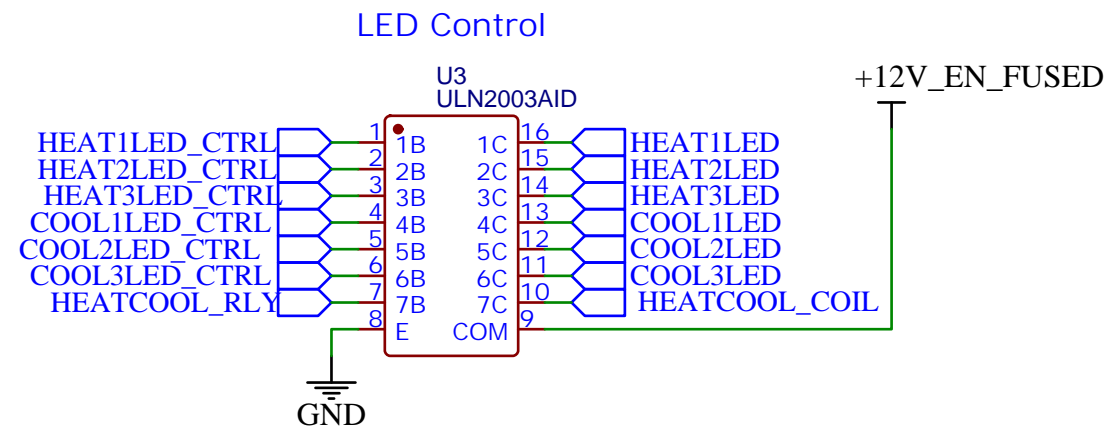
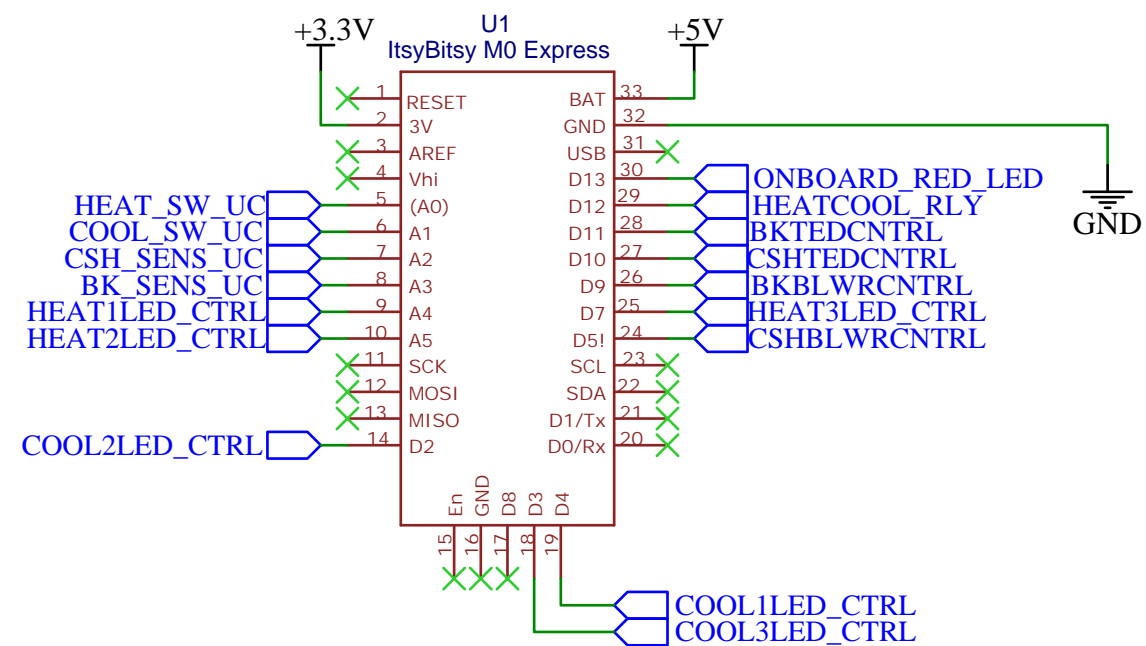
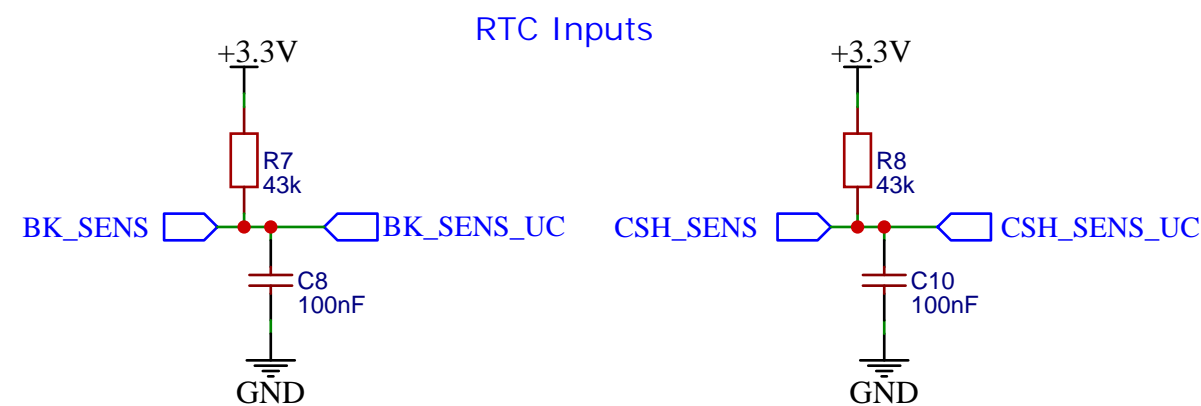
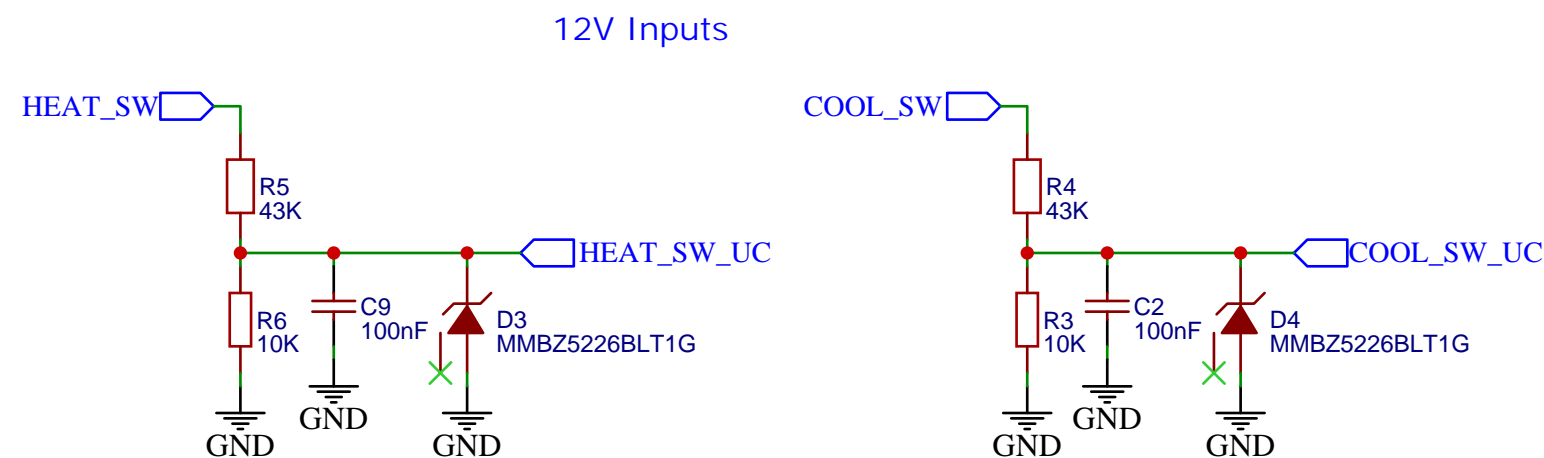
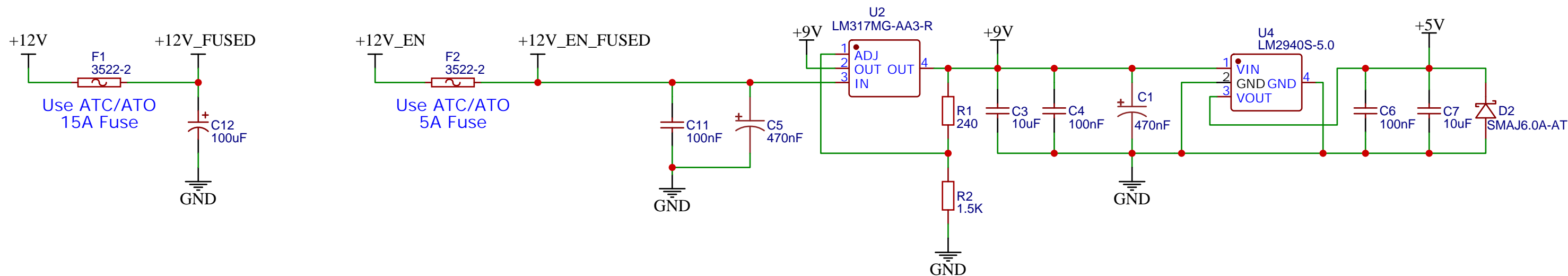
- 1 - 12V Common - Brown
- 2 - 12V Heat Switch - Maroon
- 3 - 12V Cool Switch - Orange
- 4 - Heat 1 LED Ground - Yellow
- 5 - Heat 2 LED Ground - Green
- 6 - Heat 3 LED Ground - Blue
- 7 - Cool 1 LED Ground - Purple
- 8 - Cool 2 LED Ground - Gray
- 9 - Cool 3 LED Ground - White
- 10 - Blank


Gentherm 100-2184 Rev. B	
Drivers Seat	
1	BROWN
2	MAROON
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	PURPLE
8	GRAY
9	WHITE
10	BLANK



MOSFET Gate drivers are all active high

TITLE: Seat Controller - Outputs Inputs		REV: 4.0
CJ DESIGN AND BUILD	Company: CJ Design and Build LLC	Sheet: 1/2
	Date: 2025-01-03	Drawn By: johnsoncolb



TITLE: Seat Controller - Power, Filters and uC		REV: 4.0
 CJ DESIGN AND BUILD	Company: CJ Design and Build LLC	Sheet: 2/2
	Date: 2025-01-03	Drawn By: johnsoncolb