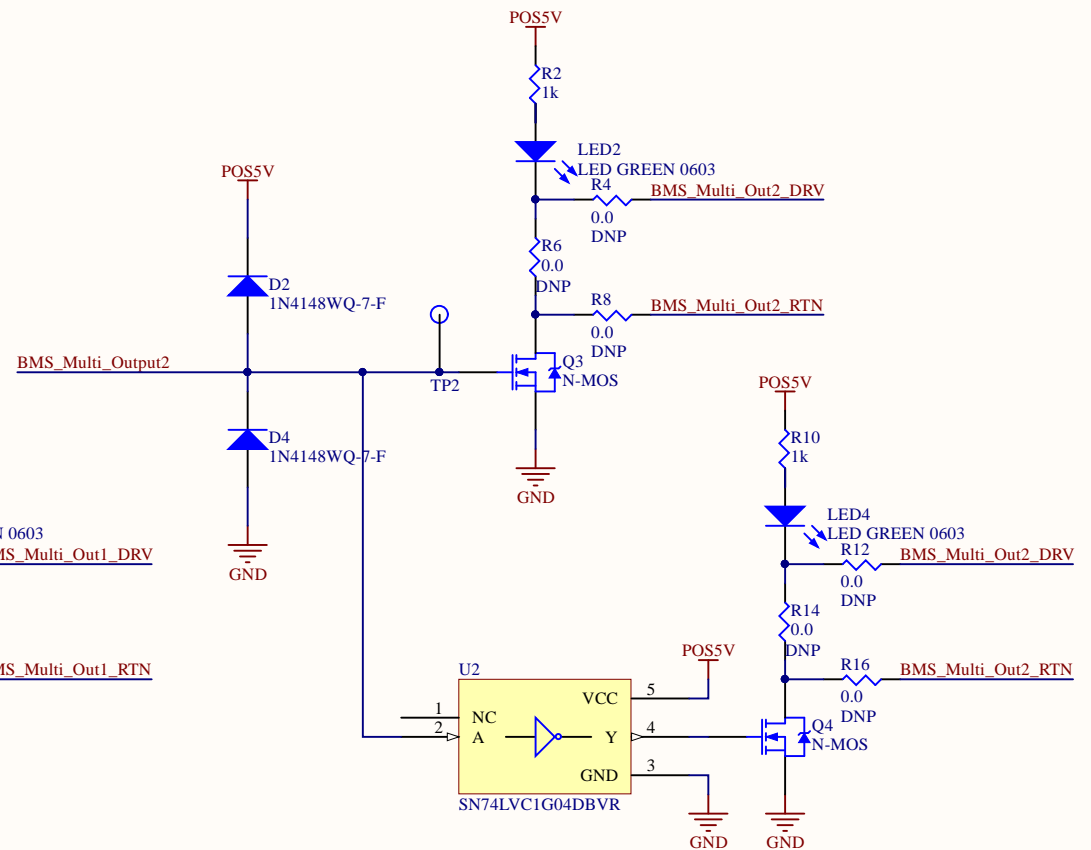
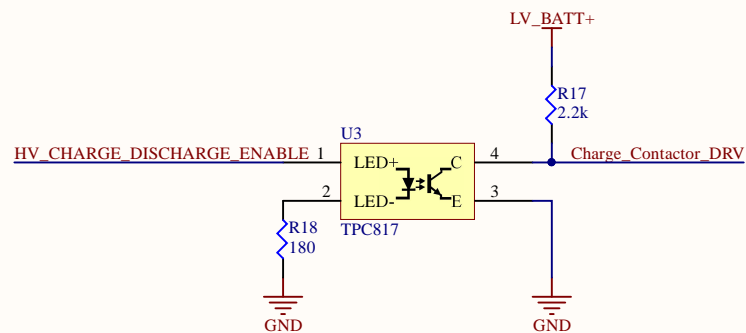



BMS Multipurpose Output 1

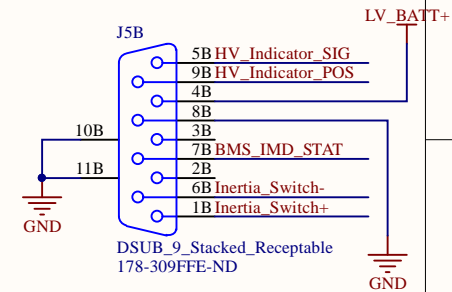
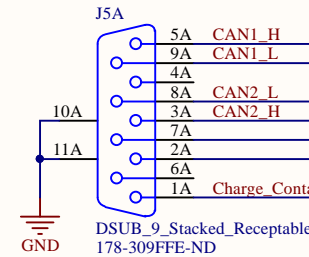
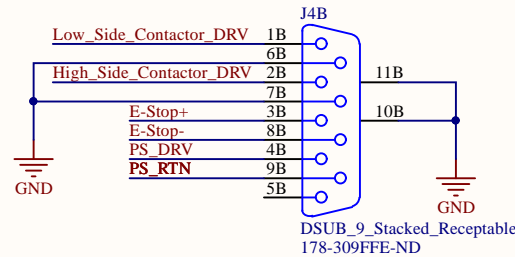
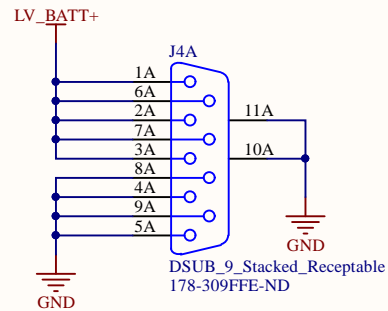
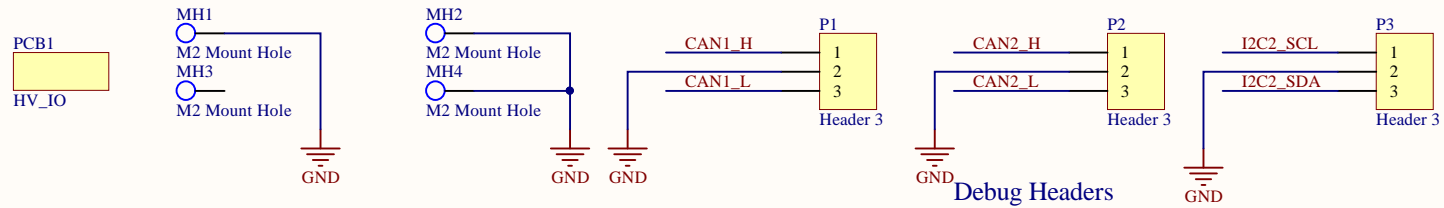
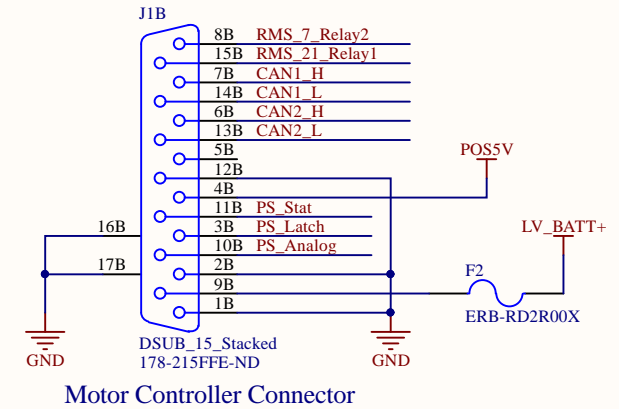
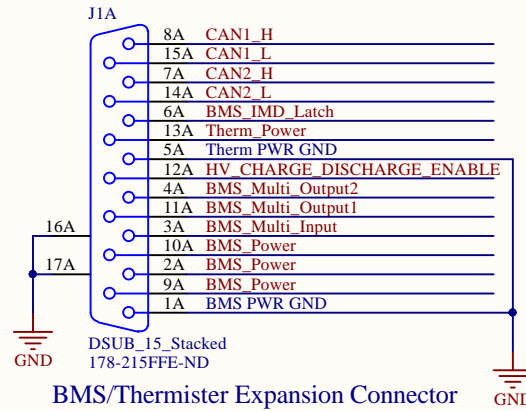
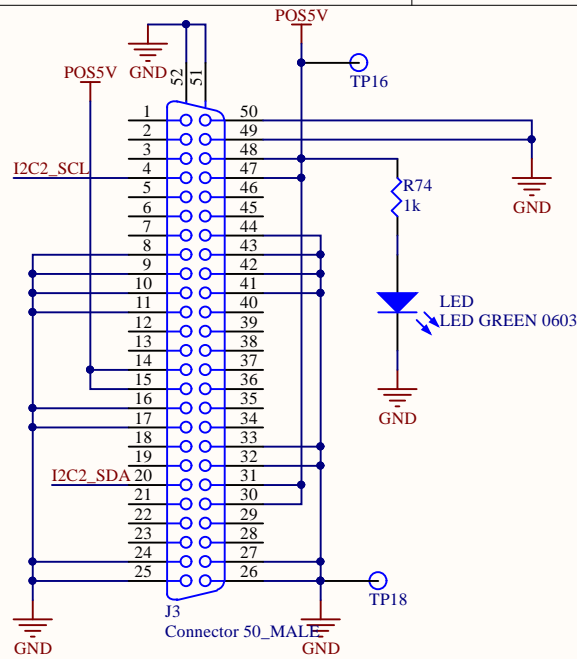


BMS Multipurpose Output 2

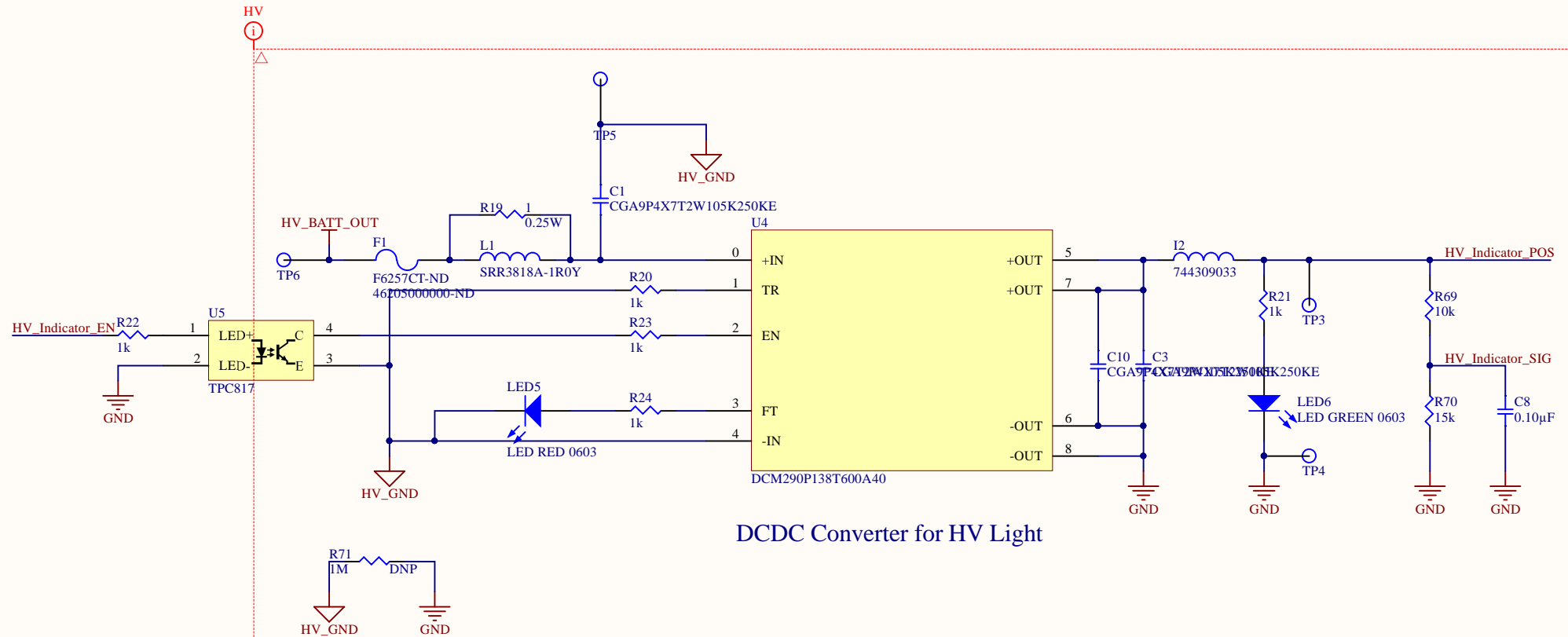


Charge Contactor


Title			<i>Badgerloop</i> <i>133 Engineering Research</i> <i>Building</i> <i>Madison, WI 53715</i>	
Size: <b>A4</b>	Number:	Revision:		
Date: <b>6/12/2019</b>	Time: <b>9:02:05 PM</b>	Sheet of		
File: <b>C:\git\master\podiv-altium\src\prj\sch\hv_io_bms.SchDoc</b>				



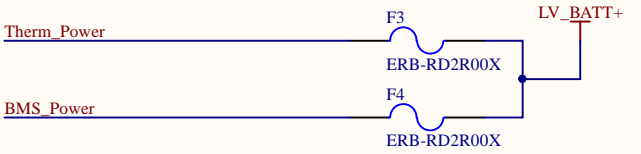
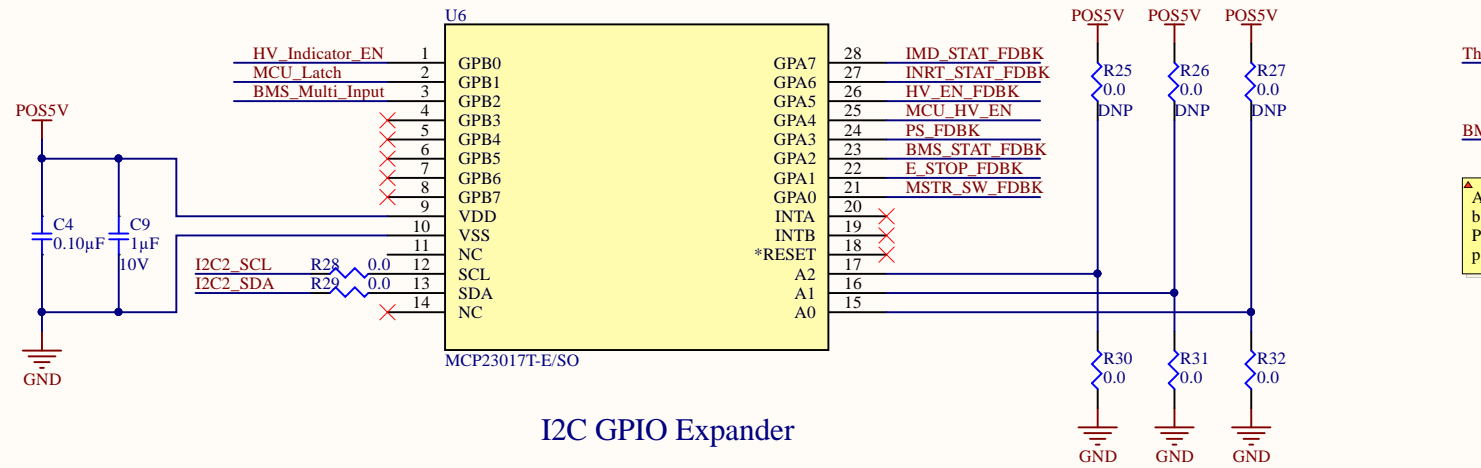
# HV & IMD Indicator Board



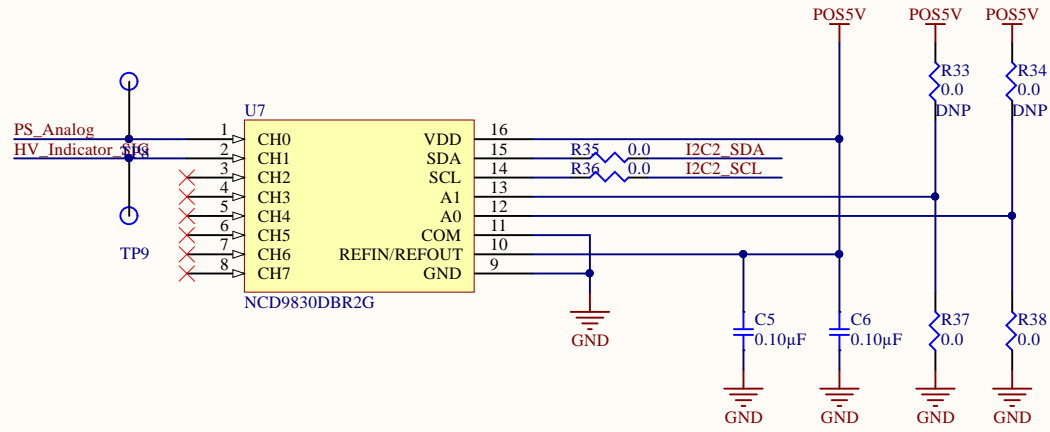
## DCDC Converter for HV Light

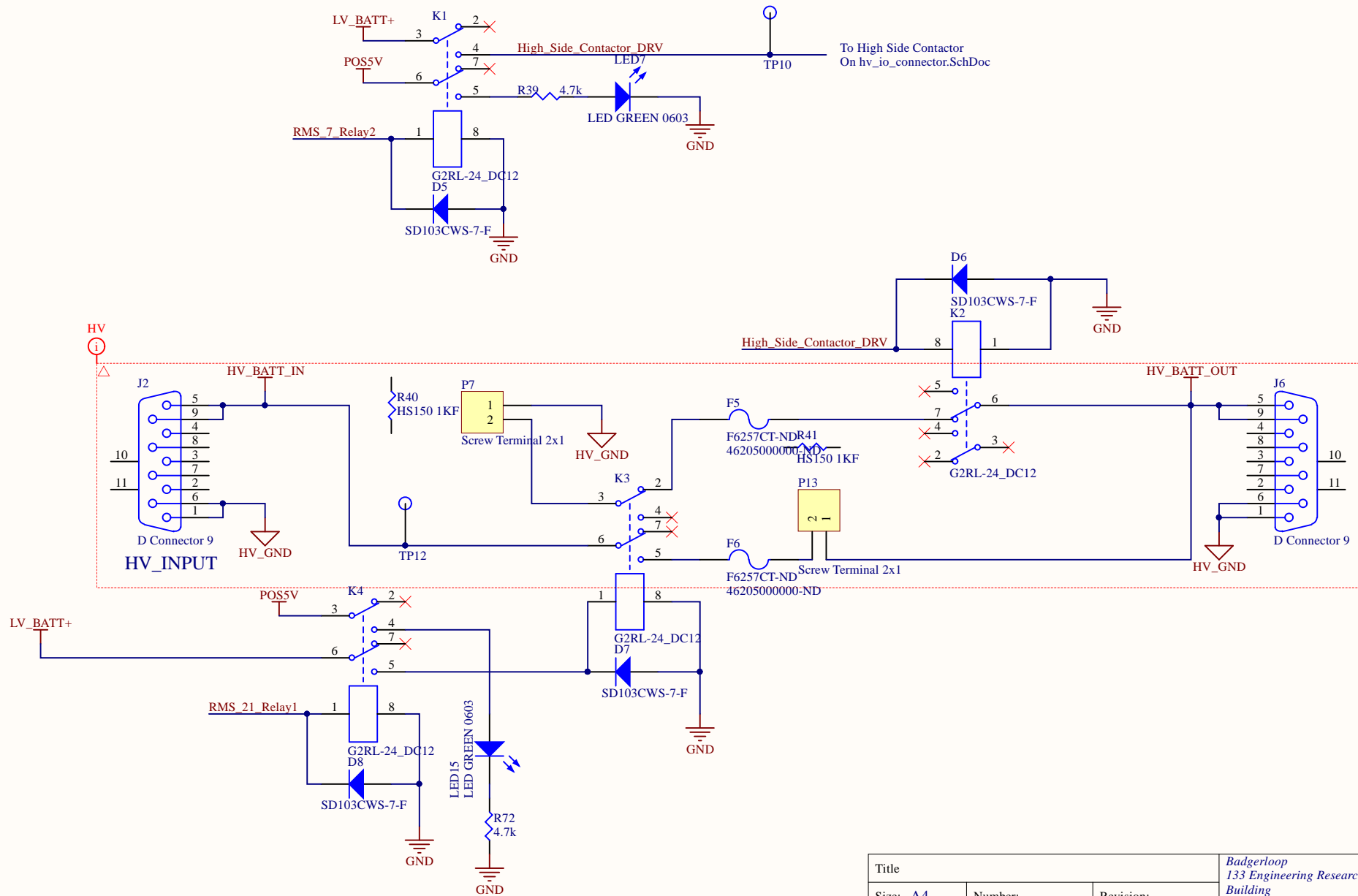
Title			<i>Badgerloop</i> <i>133 Engineering Research</i> <i>Building</i> <i>Madison, WI 53715</i>	
Size: <b>A4</b>	Number:	Revision:		
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File: <b>C:\git\master\podiv-altium\src\prj\sch\hv_io_DCDC.SchDoc</b>				


# HV Module GPIO and Power



Always On Power serves as a backup power input. Ready Power is the primary BMS power supply



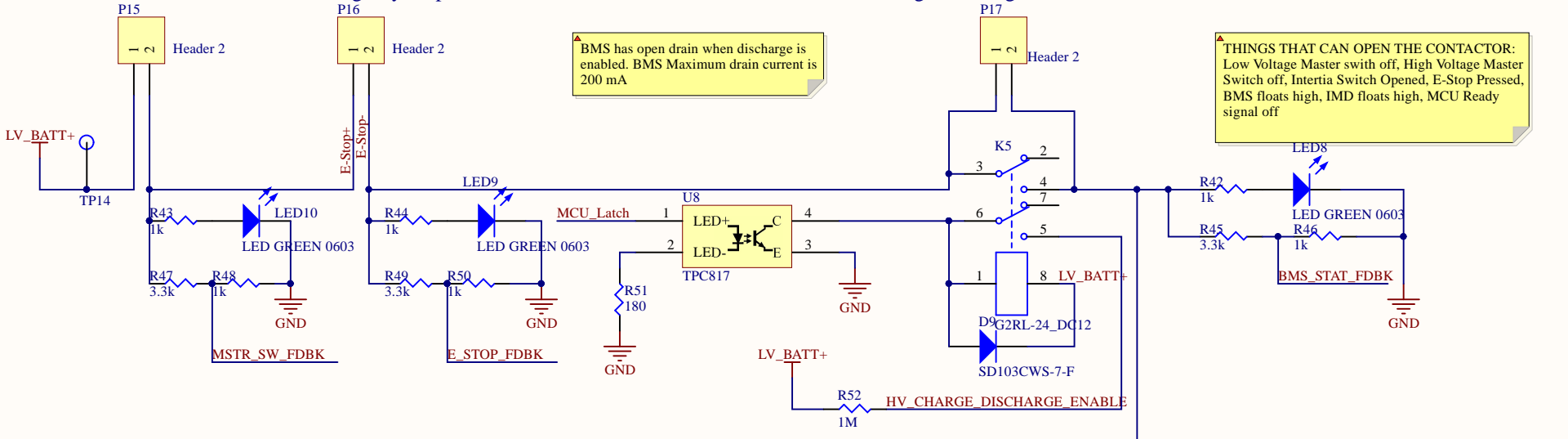


Title			Badgerloop 133 Engineering Research Building Madison, WI 53715		
Size: A4	Number:	Revision:			
Date: 6/12/2019	Time: 9:02:06 PM	Sheet of			
File: C:\git\master\podiv-altium\src\prj\sch\hv_io_precharge.SchDoc					

## Master Switch

## Emergency Stop

## BMS Charge/Discharge Enable

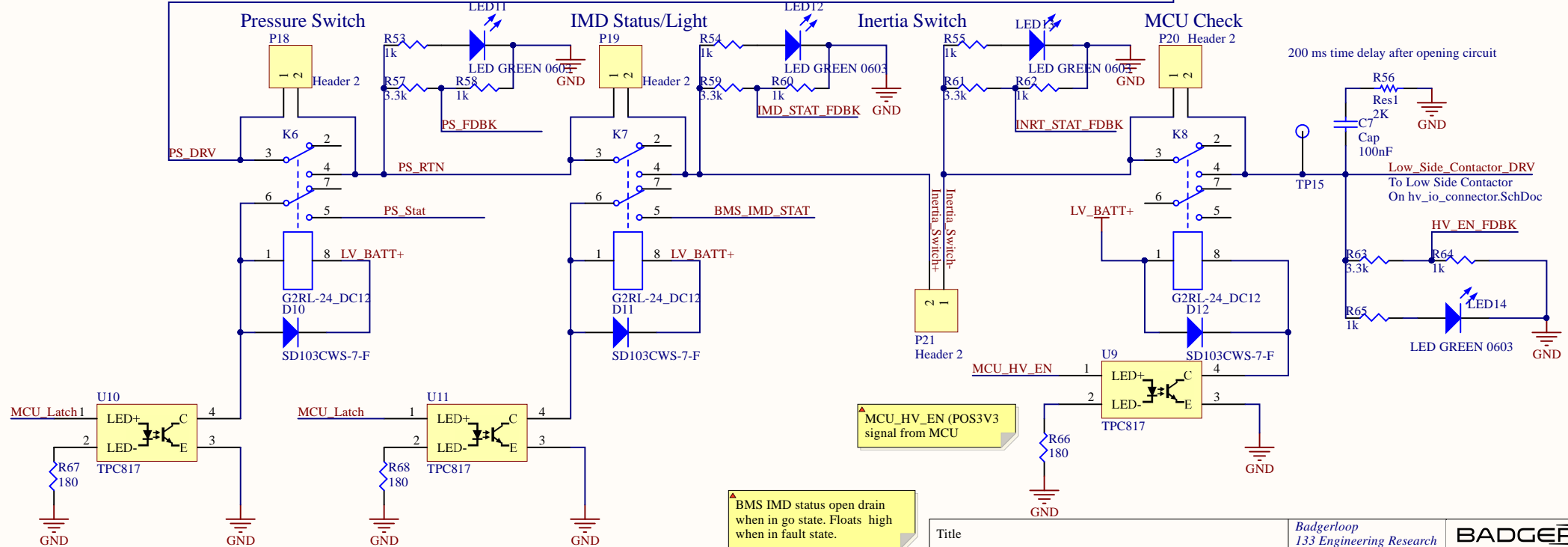


## Pressure Switch

## IMD Status/Light

## Inertia Switch

## MCU Check



Title		
Size: A4	Number: 3	Revision:
Date: 6/12/2019	Time: 9:02:06 PM	Sheet of
File: C:\git\master\podiv-altium\src\prj\sch\hv_io_shutdown.SchDoc		

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Madison, WI 53715

**BADGER  
LOOP**