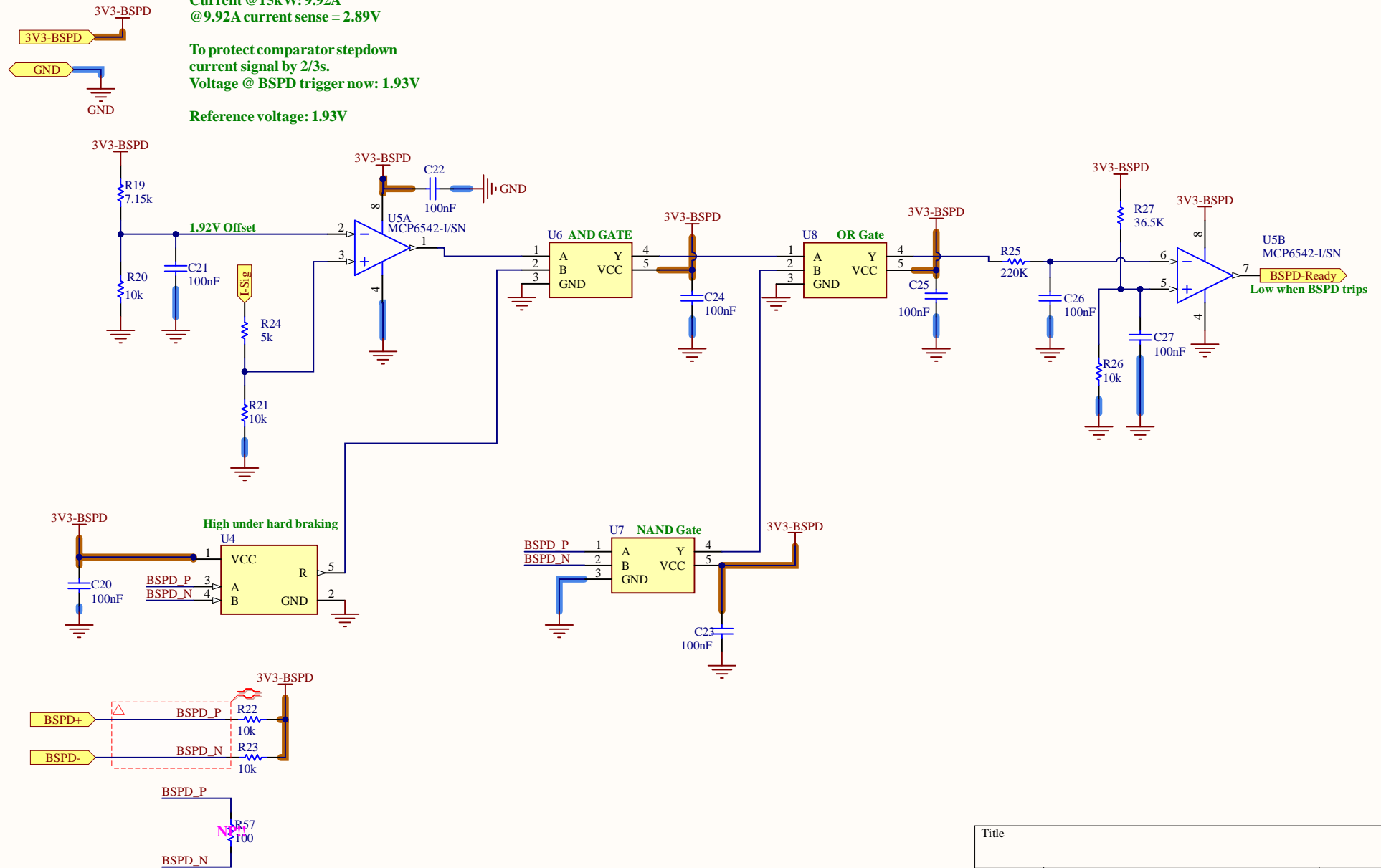


Title Battery Mgmt Sys - AMS.SchDoc		UWA Motorsport	
Author William J	Version V0.1	Project Accumulator_MGMT_Sys.PrjPcb	
Date 27/02/2022			
Sheet * of *			

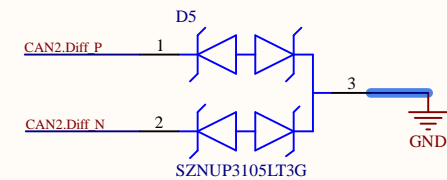
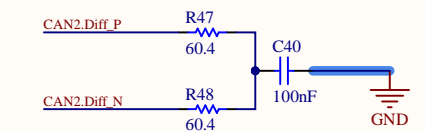
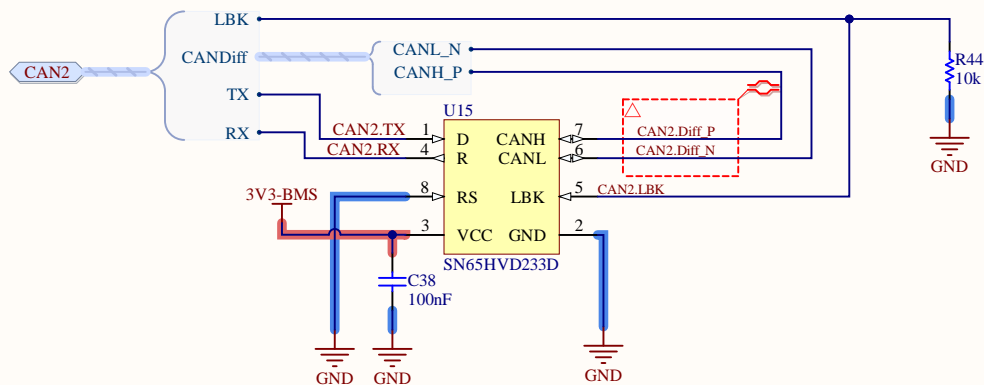
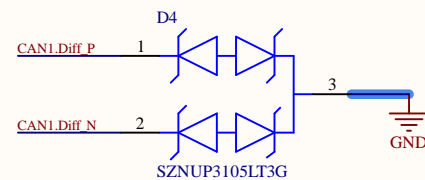
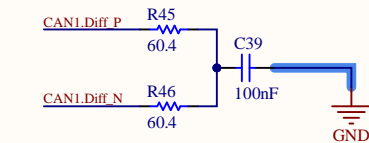
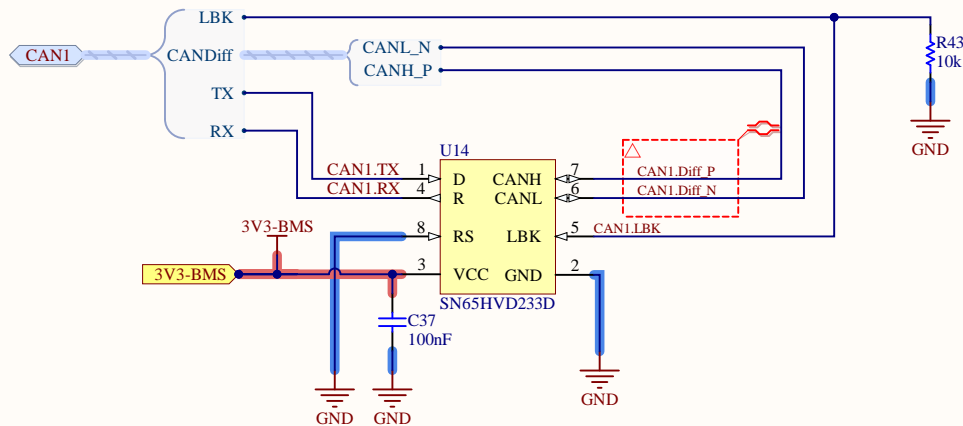
BSPD:
Nominal Voltage: 504V
Current @15kW: 9.92A
@9.92A current sense = 2.89V


**To protect comparator stepdown
current signal by 2/3s.**
Voltage @ BSPD trigger now: 1.93V

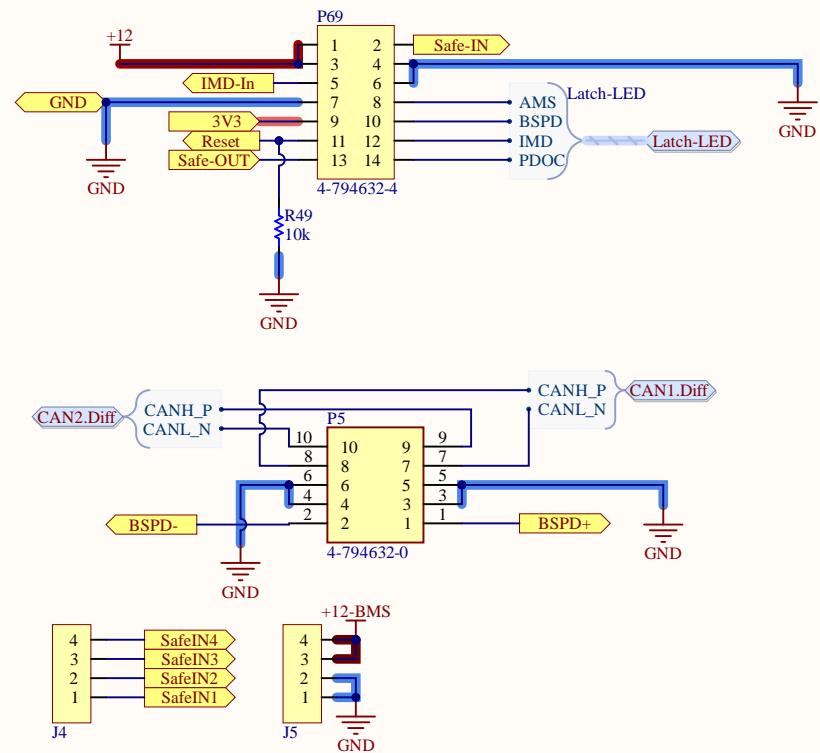
Reference voltage: 1.93V




Title		
Size A4	Number	Revision
Date: 5/19/2022	Sheet of	
File: D:\Will\BSPD - AMS.SchDoc	Drawn By:	

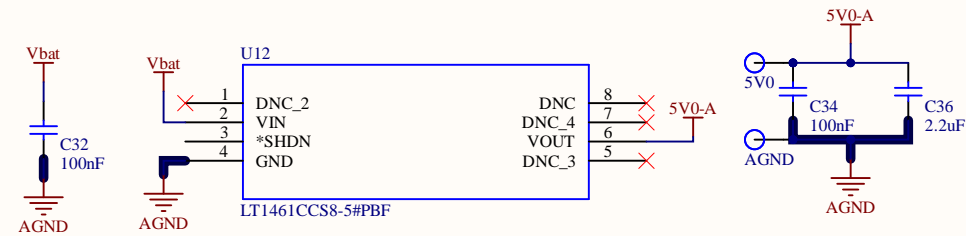


Title CAN - STM32F4.SchDoc			
Author William J	Version V0.1	Project Accumulator_MGMT_Sys.PrjPcb	
Date 31/12/2021			
Sheet * of *			

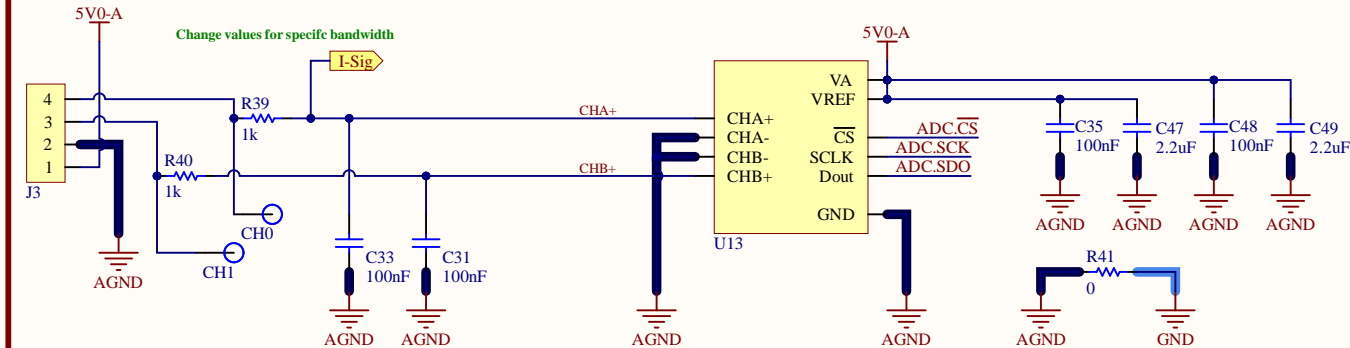


Title Connectors - AMS.SchDoc			
Author William J	Version V0.1	Project Accumulator_MGMT_Sys.PrjPcb	
Date 8/01/2022			
Sheet * of *			

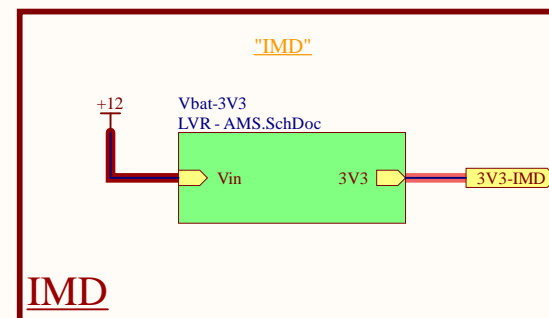
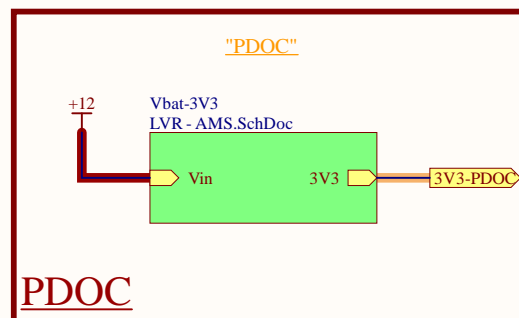
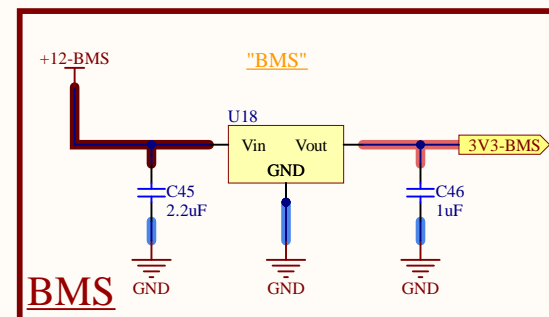
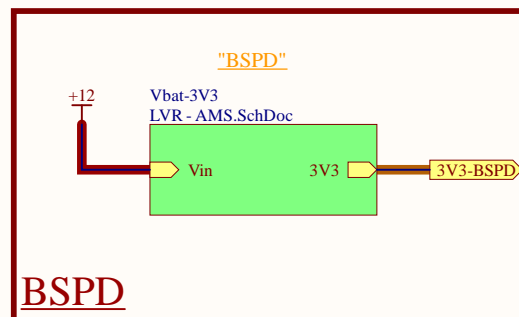
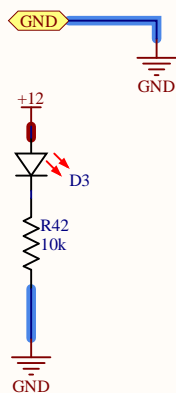
5V Reference




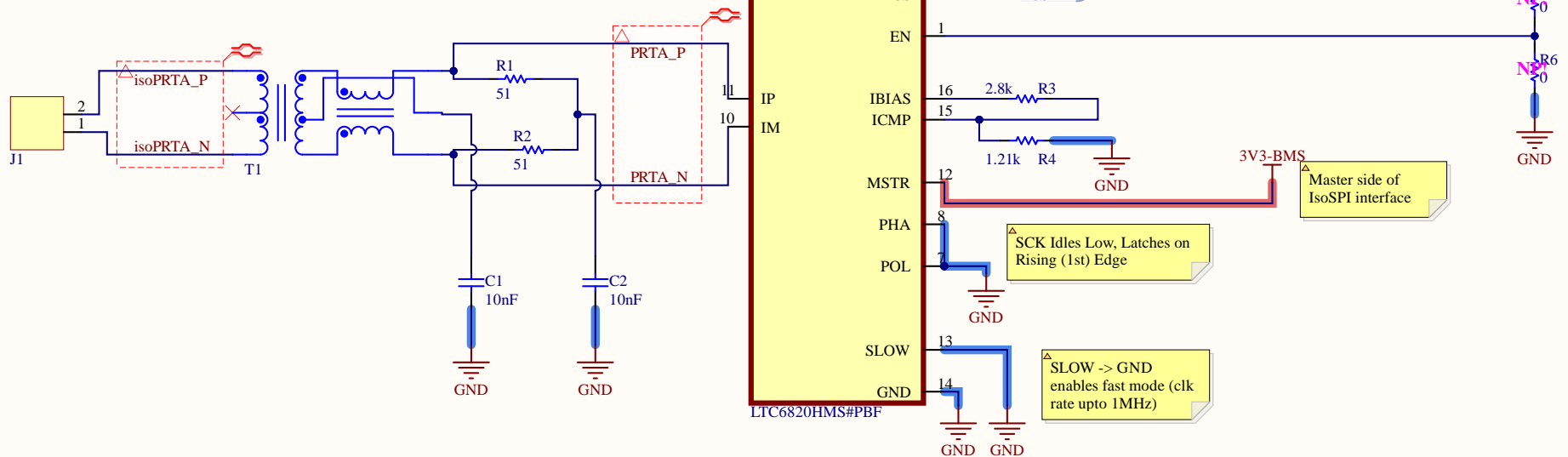
ADC




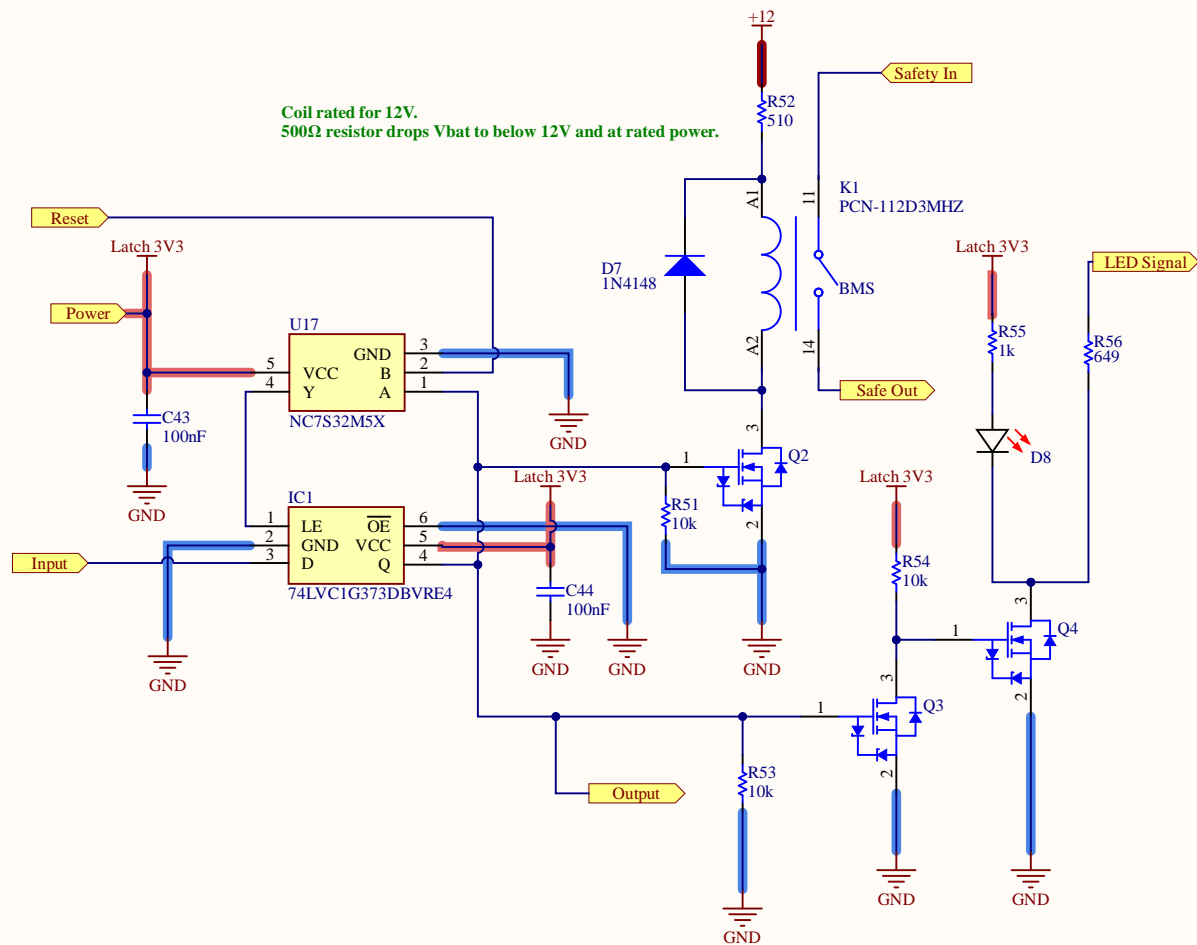
Title		UWA	
Current Sense - AMS.SchDoc		motor sport	
Author	William J	Version	V0.1
Date	23/01/2022	Project	Accumulator_MGMT_Sys.PrjPcb
Sheet	*	of	*




Title Independent Power Supply -			
Author William J	Version V0.1		Project
Date 31/12/2021	Accumulator_MGMT_Sys.PrjPcb		
Sheet * of *			

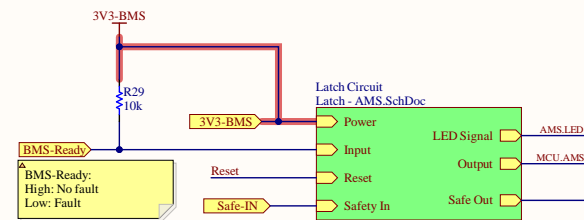


Title Isolated Comms - AMS.SchDoc			
Author William Jupp	Version V1.0	Project Accumulator_MGMT_Sys.PrjPcb	
Date 8/01/2022	Sheet * of *		

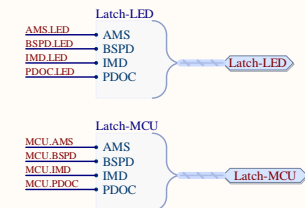
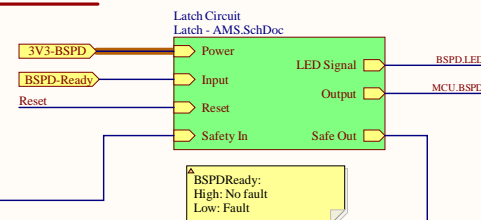


Title Latch - AMS.SchDoc			
Author William J	Version V0.1	Project Accumulator_MGMT_Sys.PrjPcb	
Date 19/05/2022			
Sheet * of *			

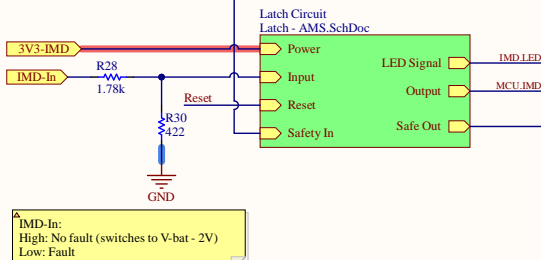
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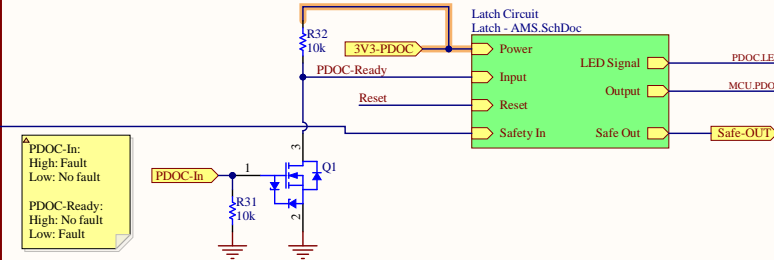
BSPD



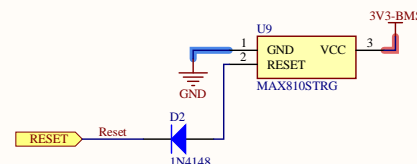
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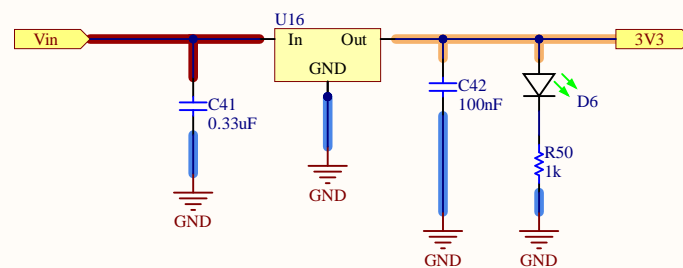



PDOC

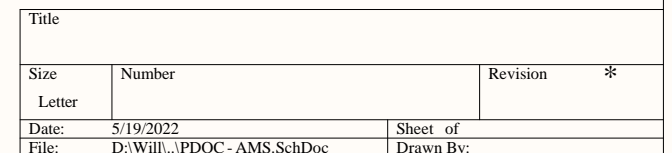


External Reset





Title LVR - AMS.SchDoc			
Author William J	Version V0.1	Project Accumulator_MGMT_Sys.PrjPcb	
Date 31/12/2021			
Sheet * of *			





Editor's note:
12V means
Twelve Volts

GND
GND
12V
12V
CanH
CanL

WARNING
TRACTION
VOLTAGE

GLA

