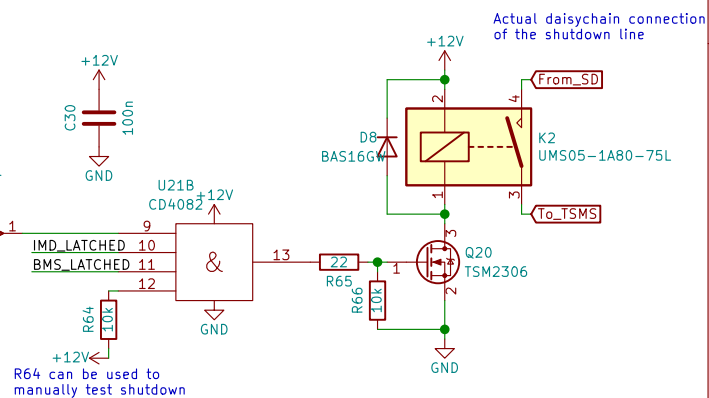
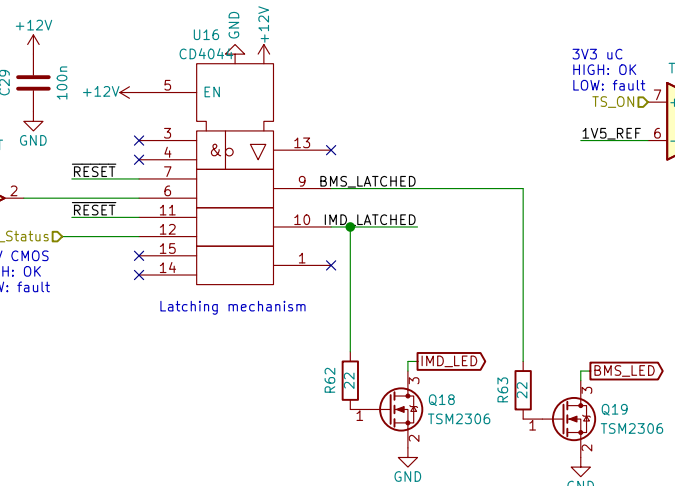
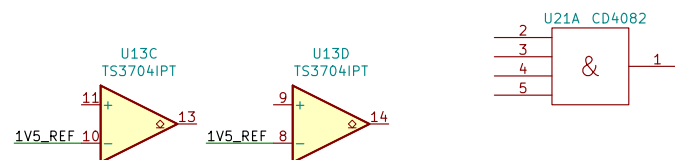
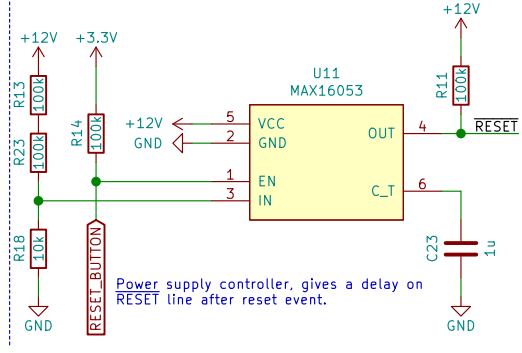
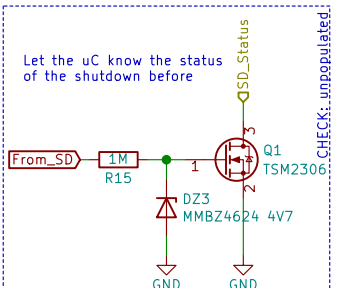


# RESET BUTTON & POR CONTROLLER

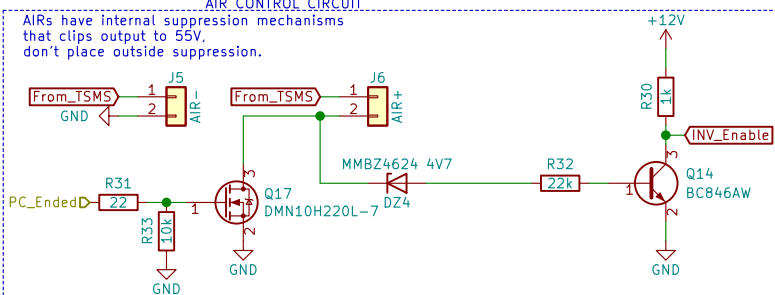


Let the uC know the status of the shutdown before

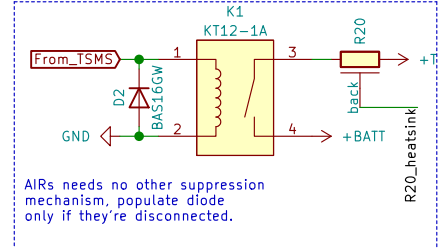


## AIR CONTROL CIRCUIT

AIRs have internal suppression mechanisms that clips output to 55V, don't place outside suppression.



## PRE-CHARGE CIRCUIT



E-Agle TRT

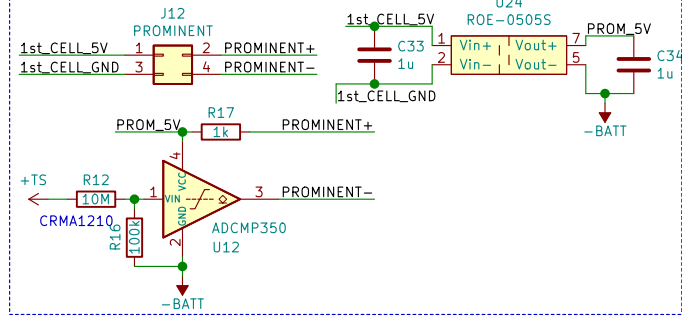
Sheet: /Shutdown/  
File: MainShutdown.sch

**Title: Chimera BMS - MainBoard**

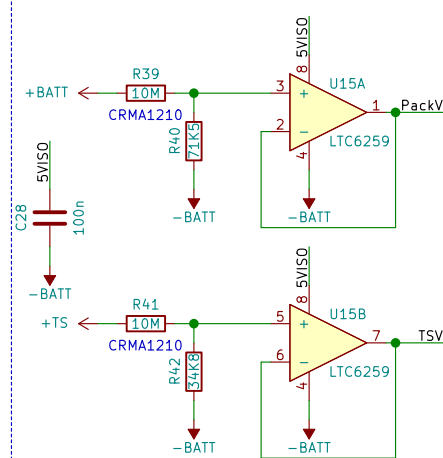
Size: A4 Date: 2021-03-29  
KiCad E.D.A. kicad 5.1.10

Rev: V3  
Id: 2/3

# PROMINENT INDICATOR

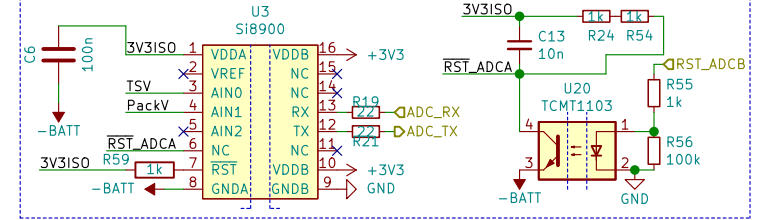


# HV ADC BUFFERS

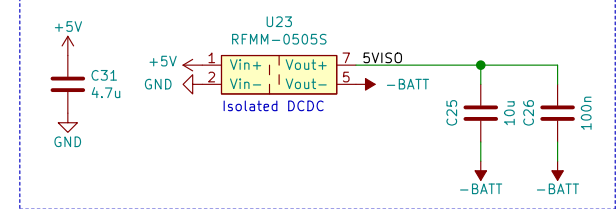


CHECK: unpopulated  
LTC6259 can be replaced by a LM358?

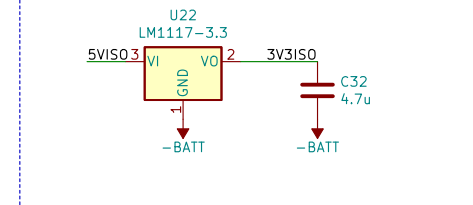
# ISOLATED PACK VOLTAGE ADC WITH SPI ISOLATOR



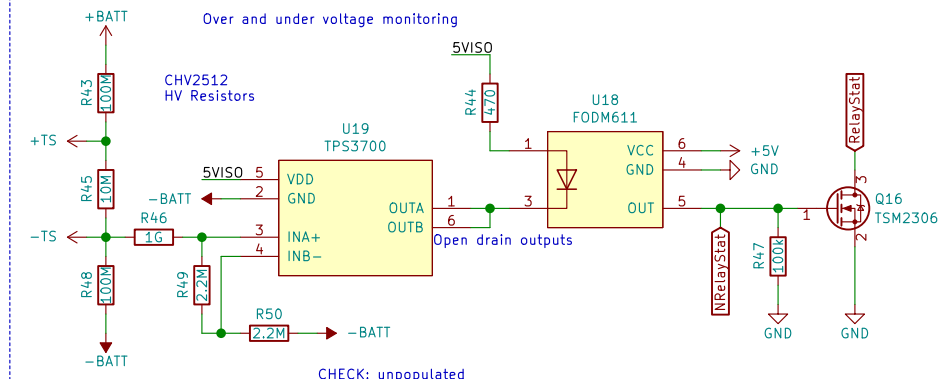
# ISOLATED 5V VOLTAGE SOURCE



# ISOLATED 3.3V VOLTAGE SOURCE



# RELAY STATUS DETECTION



CHECK: unpopulated

E-Agle TRT

Sheet: /HV/

File: HVSide.sch

Title: Chimera BMS – MainBoard

Size: A4 Date: 2021-03-29

KiCad E.D.A. kicad 5.1.10

Rev: V3

Id: 3/3