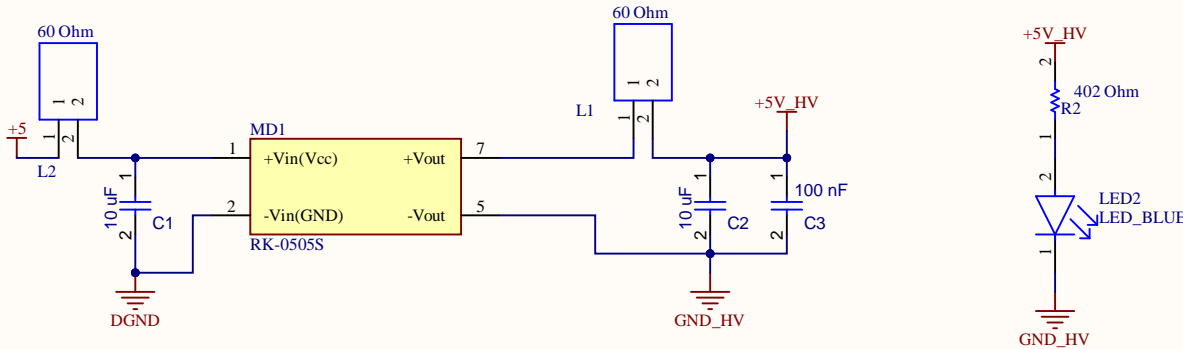
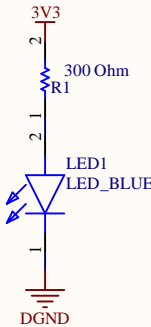
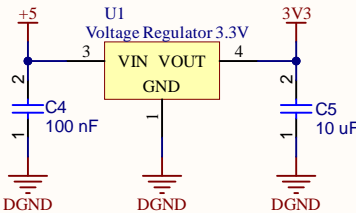


ISOLATION BETWEEN LV & HV



VOLTAGE REGULATOR 3.3V



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File:	PowerSupply.SchDoc	Drawn By:

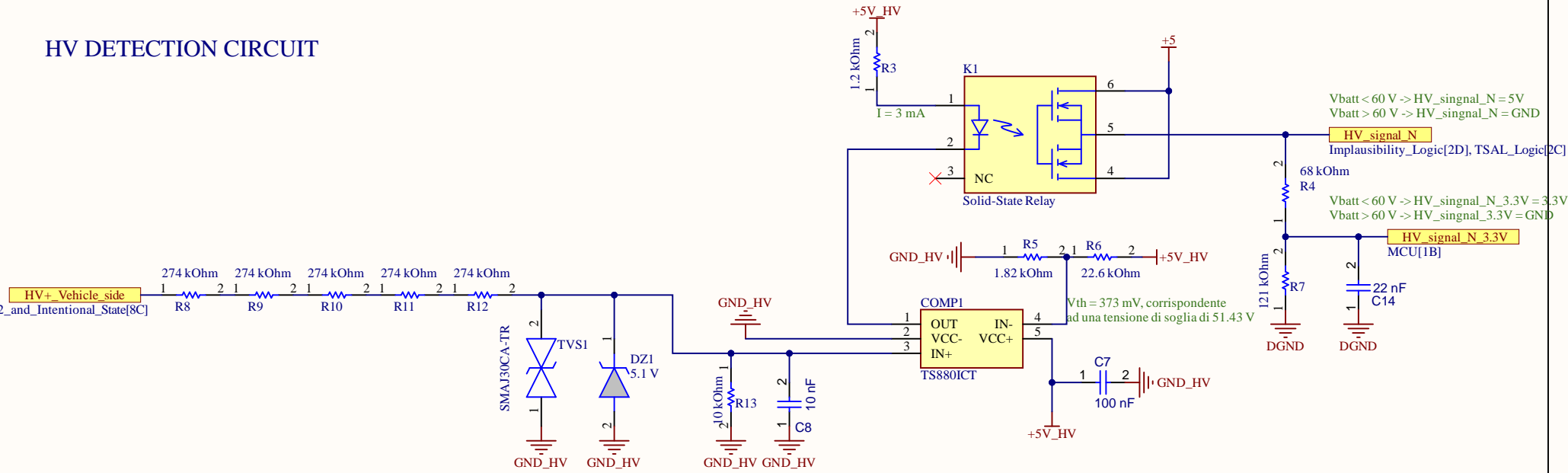
HV CONNECTORS

The diagrams illustrate the following connections:

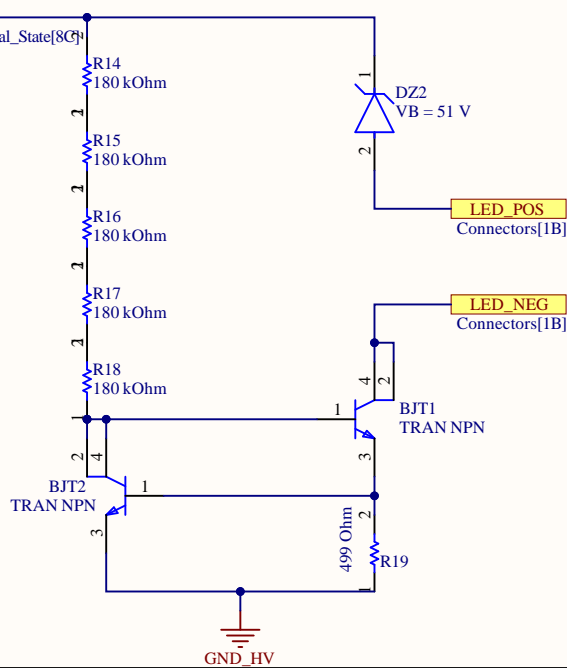
- Diagram 1:** HV- connector is connected to GND_HV and a fuse F2 (0461.500ER) leading to connector J1.
- Diagram 2:** J2 connector is connected to a fuse F1 (1.25 A) leading to HV+_Vehicle_side.
- Diagram 3:** HV_Circuits[2C] is connected to LED_NEG and LED_POS, which are connected to connector J3.
- Diagram 4:** J4 connector is connected to a fuse F3 (1.25 A) leading to HV+_BATT.

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HV DETECTION CIRCUIT

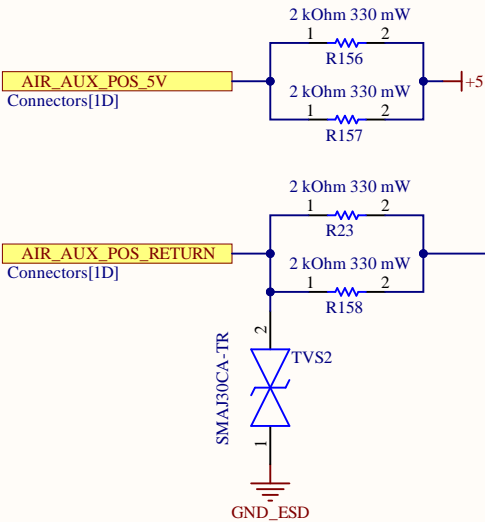


ACCUMULATOR INDICATOR



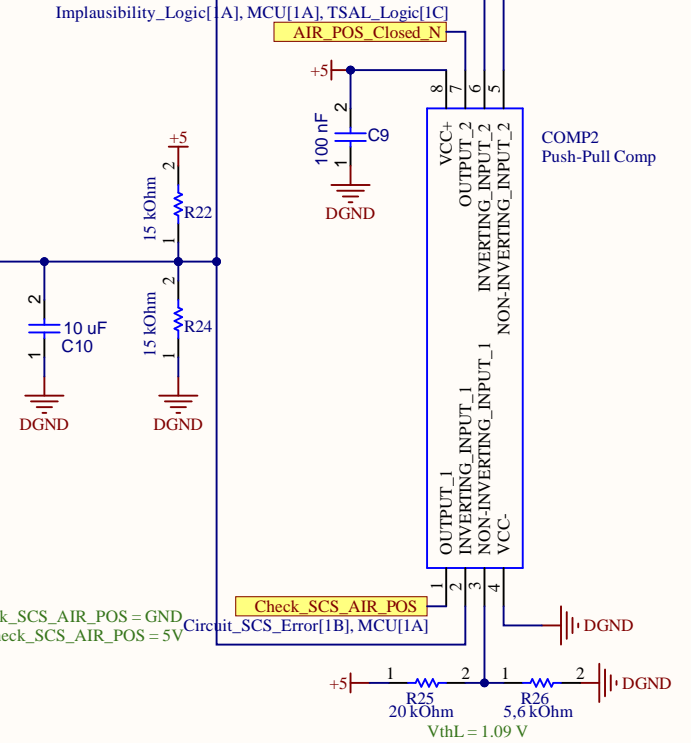
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Date:	4/22/2023	Sheet of
File:	HV_Circuits.SchDoc	Drawn By:

La tensione di 5V va in ingresso all'AUX dell'AIR POS mediante un connettore e ritorna indietro per verificare lo stato meccanico dell'AIR.

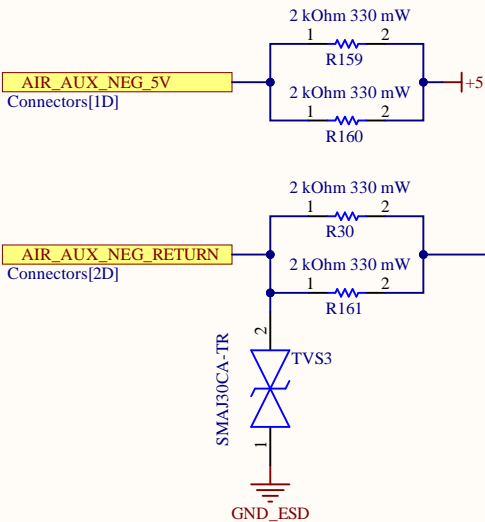


TUTTO OK -> Check_SCS_AIR_POS = GND
ERROR: short to GND -> Check_SCS_AIR_POS = 5V

AIR CHIUSO -> AIR_POS_Closed_N = GND
AIR APERTO -> AIR_POS_Closed_N = 5V

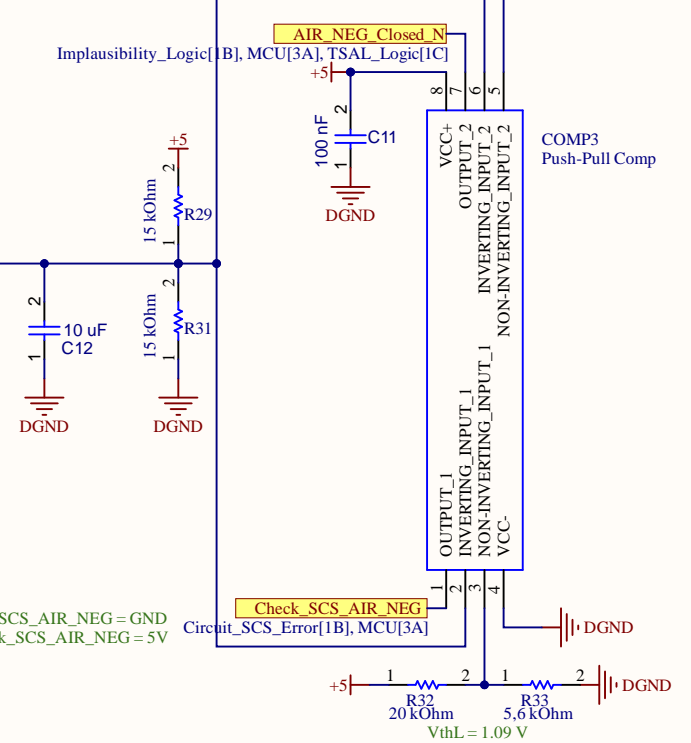


La tensione di 5V va in ingresso all'AUX dell'AIR NEG mediante un connettore e ritorna indietro per verificare lo stato meccanico dell'AIR.

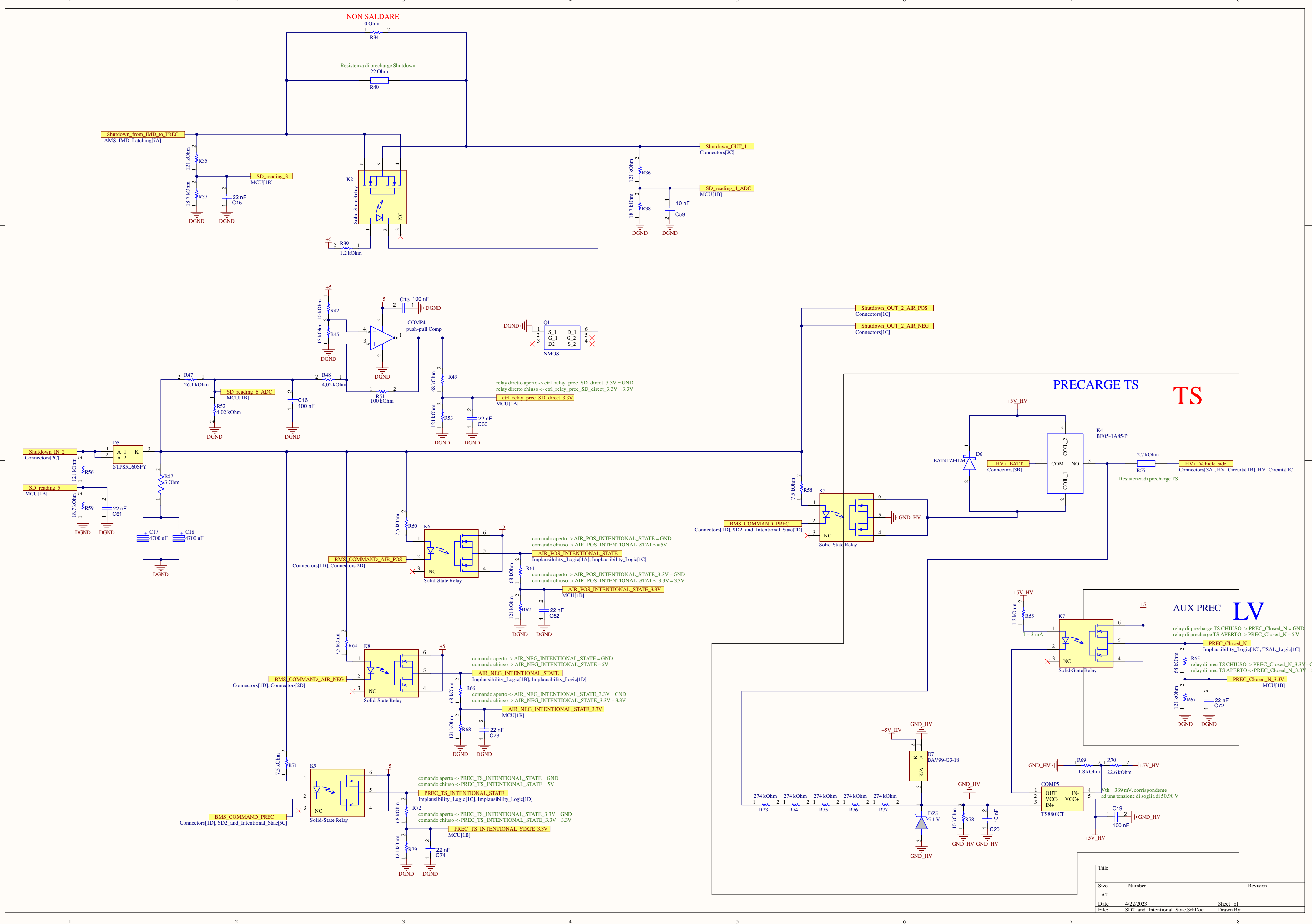


TUTTO OK -> Check_SCS_AIR_NEG = GND
ERROR: short to GND -> Check_SCS_AIR_NEG = 5V

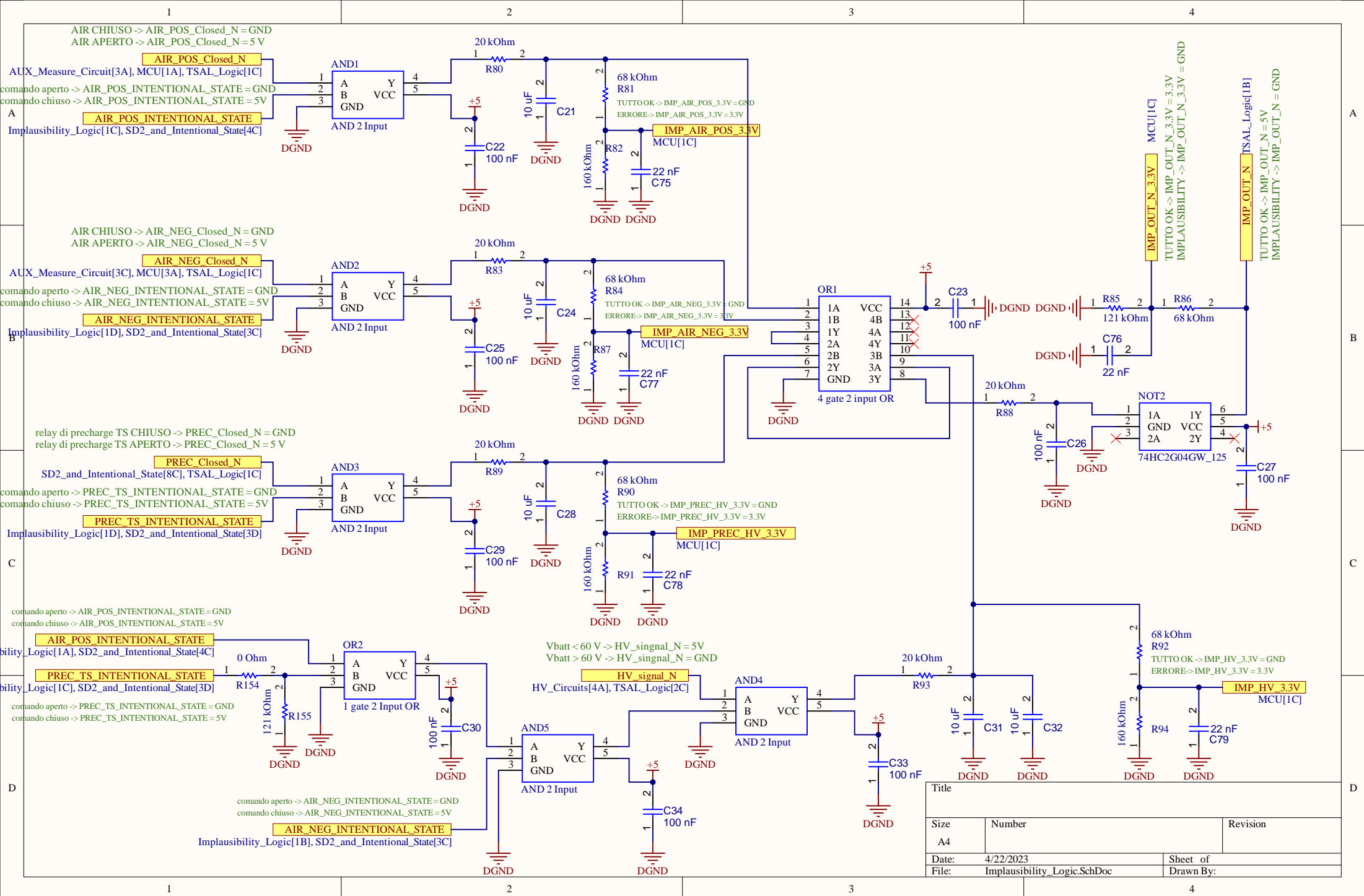
AIR CHIUSO -> AIR_NEG_Closed_N = GND
AIR APERTO -> AIR_NEG_Closed_N = 5V

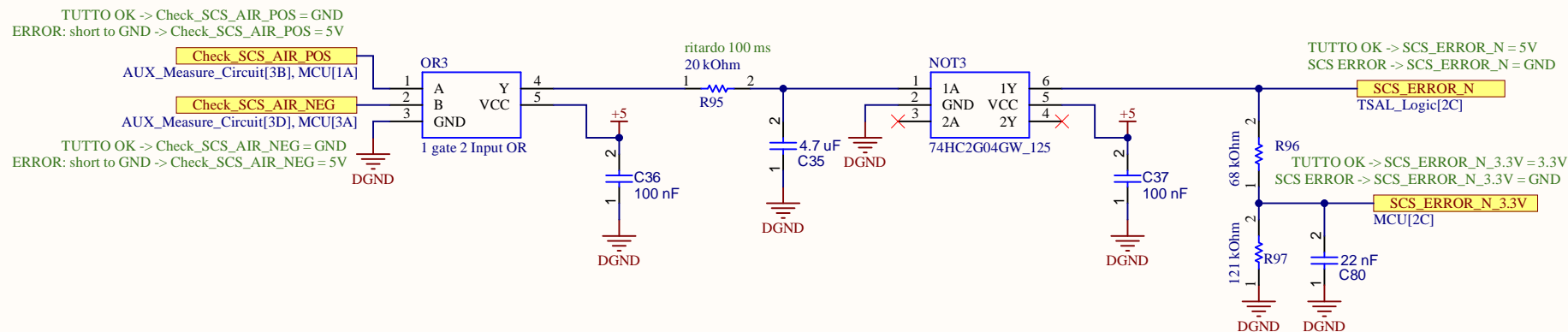


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File:	AUX_Measure_Circuit.SchDoc	Drawn By:



Title		
Size	Number	Revision
A2		
Date:	4/22/2023	Sheet of
File:	SD2_and_Intentional_State.SchDoc	Drawn By:





Title		
Size	Number	Revision
A4		
Date:	4/22/2023	Sheet of
File:	Circuit_SCS_Error.SchDoc	Drawn By:

