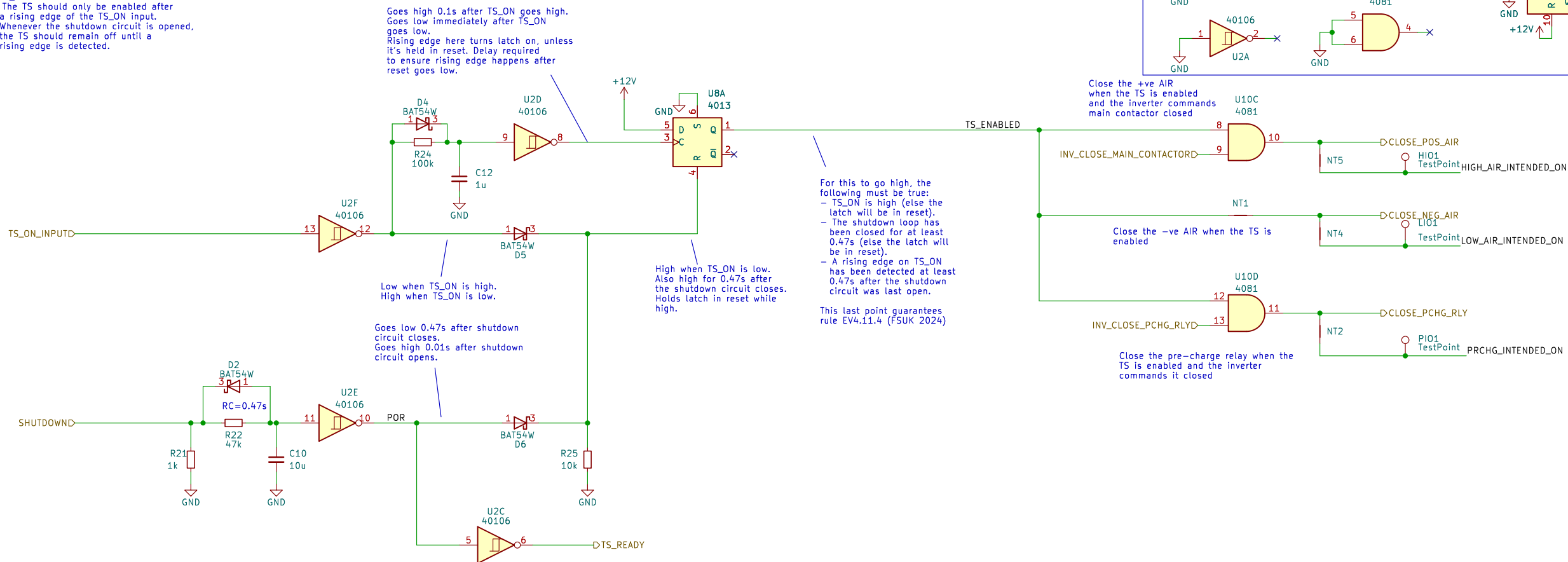
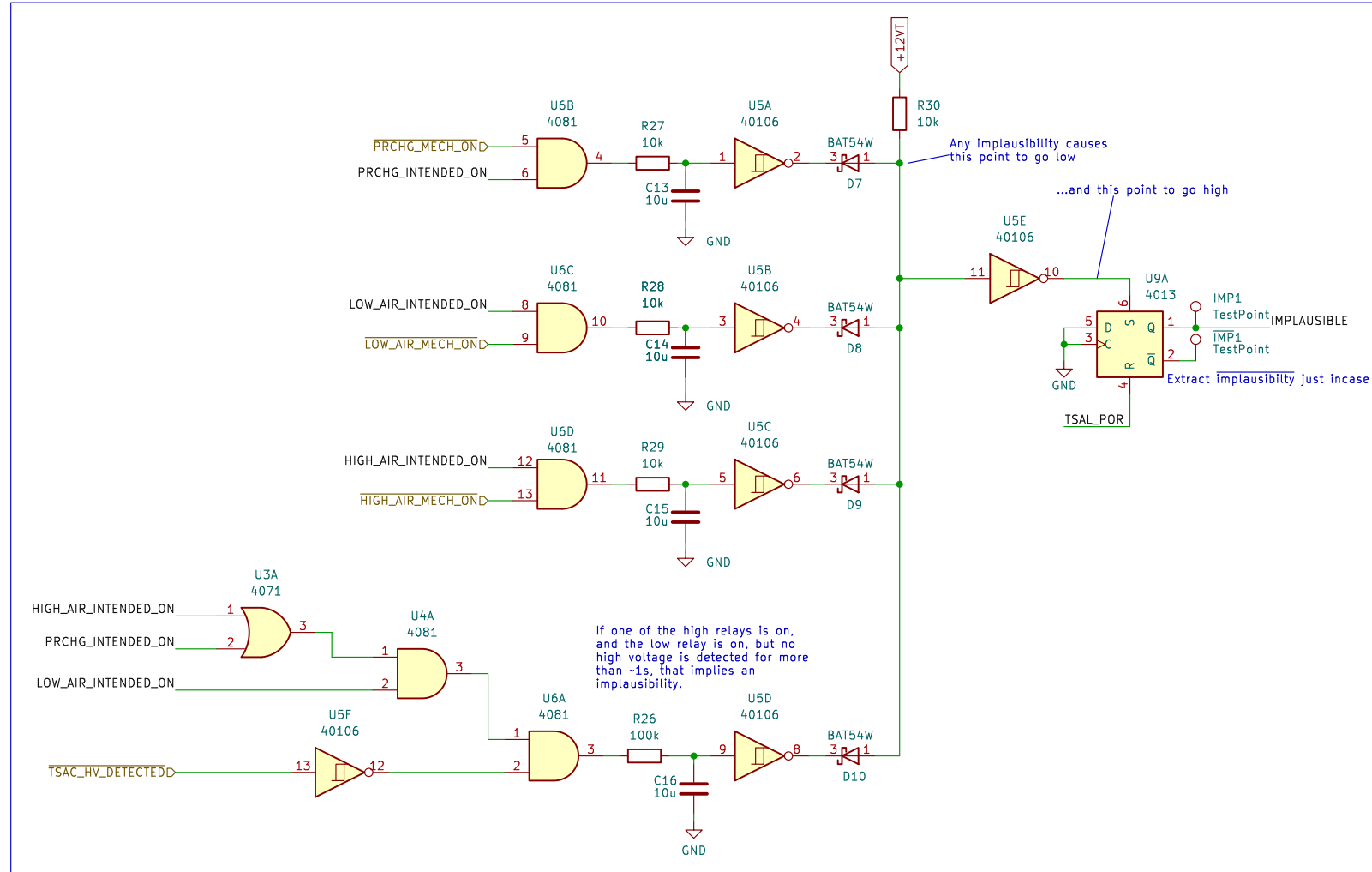
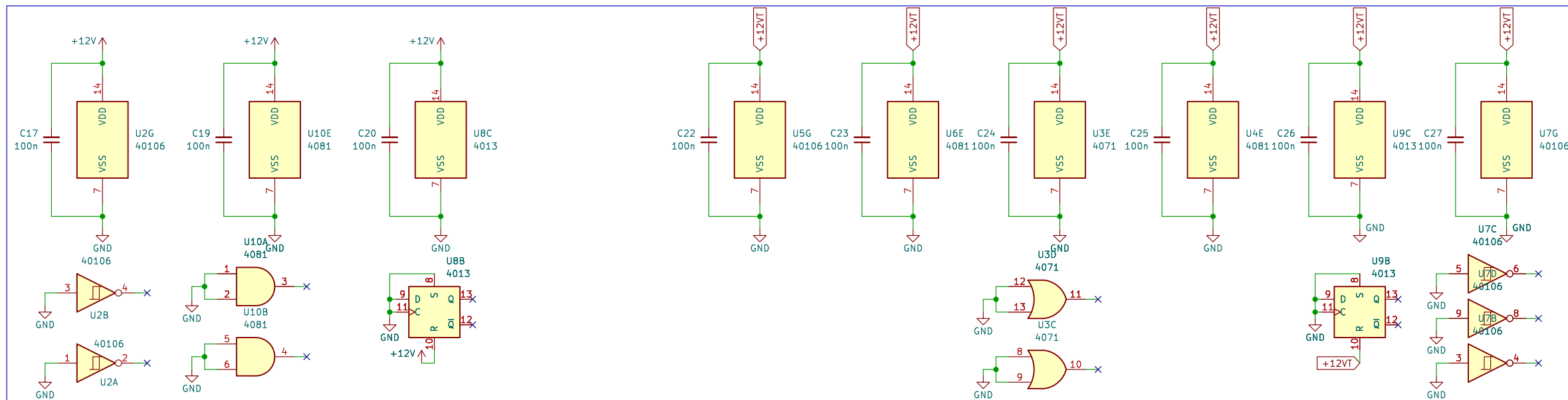


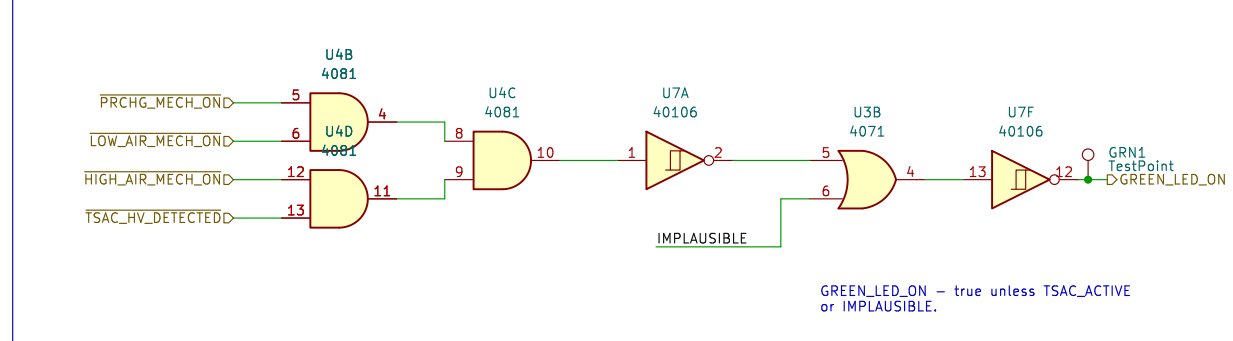
Rules:
 - The TS should never be enabled if TS_ON is low
 - The TS should only be enabled after a rising edge of the TS_ON input. Whenever the shutdown circuit is opened, the TS should remain off until a rising edge is detected.



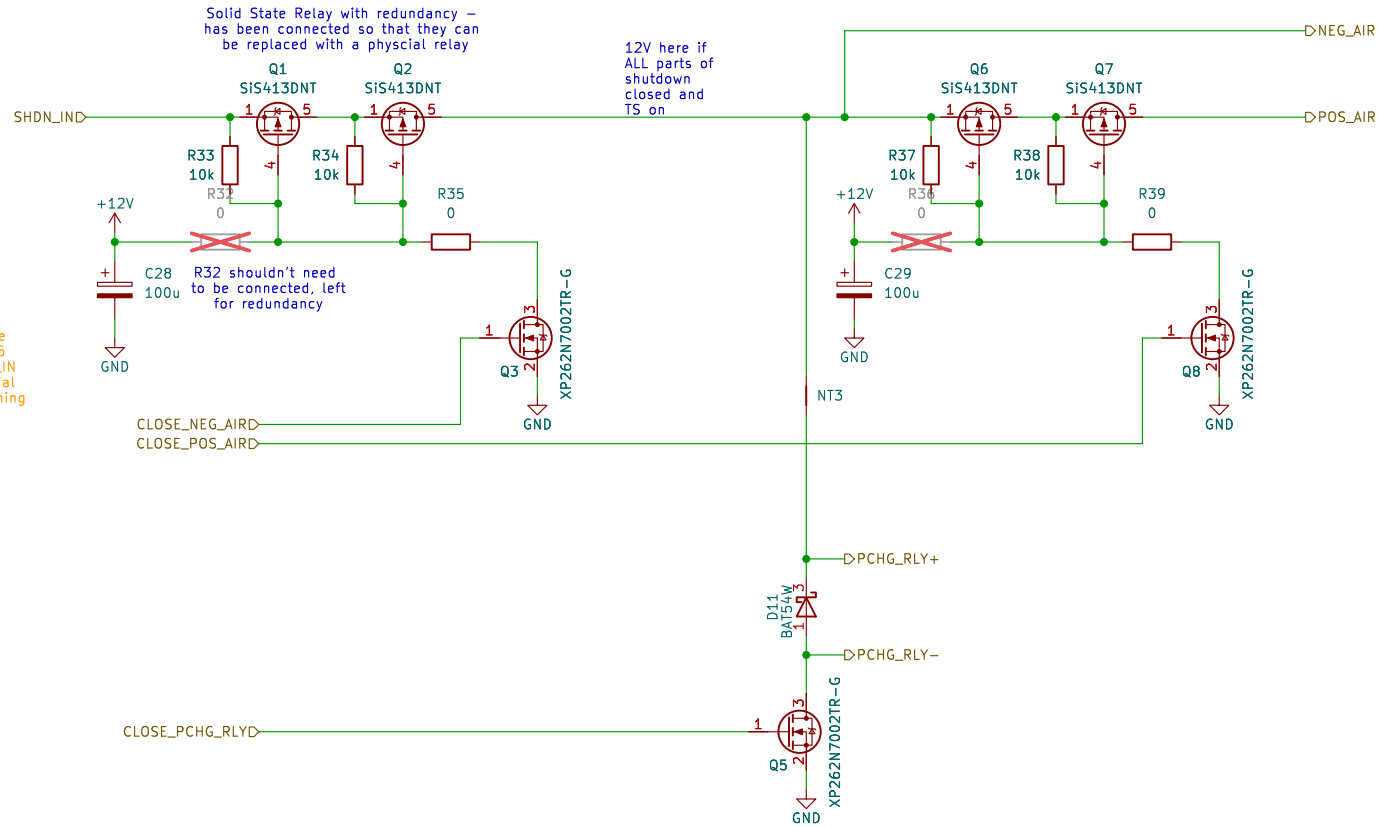
IC Power and Unused



Green LED Logic



With the SS relay, when the fuse blew on 12V, D3 & D5 draining current from SHDN_IN via +12V, creating a potential on the SS relay gate and turning it on.



Vehicle: STAG 9
 Drawn By: Tim Brewis
 Checked By: Max O'Brien, Marek Frodyma
 CAD Part:
SUFST – Southampton University Formula Student Team
 Sheet: Relays
 File: relays.kicad_sch



Title: TSAC Relay Controller

Size: A4	Date: 2023-04-27	Rev: 2.0.0
KiCad E.D.A. 8.0.4		Id: 3/3