



SCS:  
 - Red LED turns on when HV detected, safe state = off, so red LED uses HV\_DETECTED signal (short to GND means off = safe state)  
 - Green LED turns on when HV not detected, safe state = off, so green LED uses HV\_DETECTED signal (short to GND means off = safe state)

TS LV

#### Mounting Holes

- H1 MountingHole
- H2 MountingHole
- H3 MountingHole

Vehicle: STAG X  
 Drawn By: Joe Pater, Tim Brewis  
 Checked By: Marek Frodyma  
 CAD Part:  
**SUFST – Southampton University Formula Student Team**



Sheet:  
 File: hv\_sense.kicad\_sch

#### Title: HV Sense

Size: A4 Date: 2024-01-09  
 KiCad E.D.A. kicad 7.0.9-1.fc38

Rev: 1.2.0  
 Id: 1/1