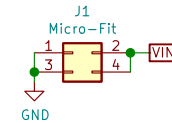
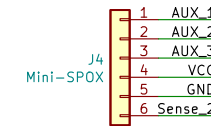


Connectors

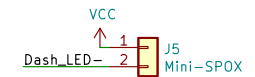
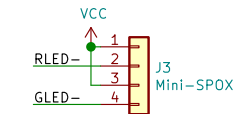
Power input 10–15V



Input from sense boards



Output to LEDs

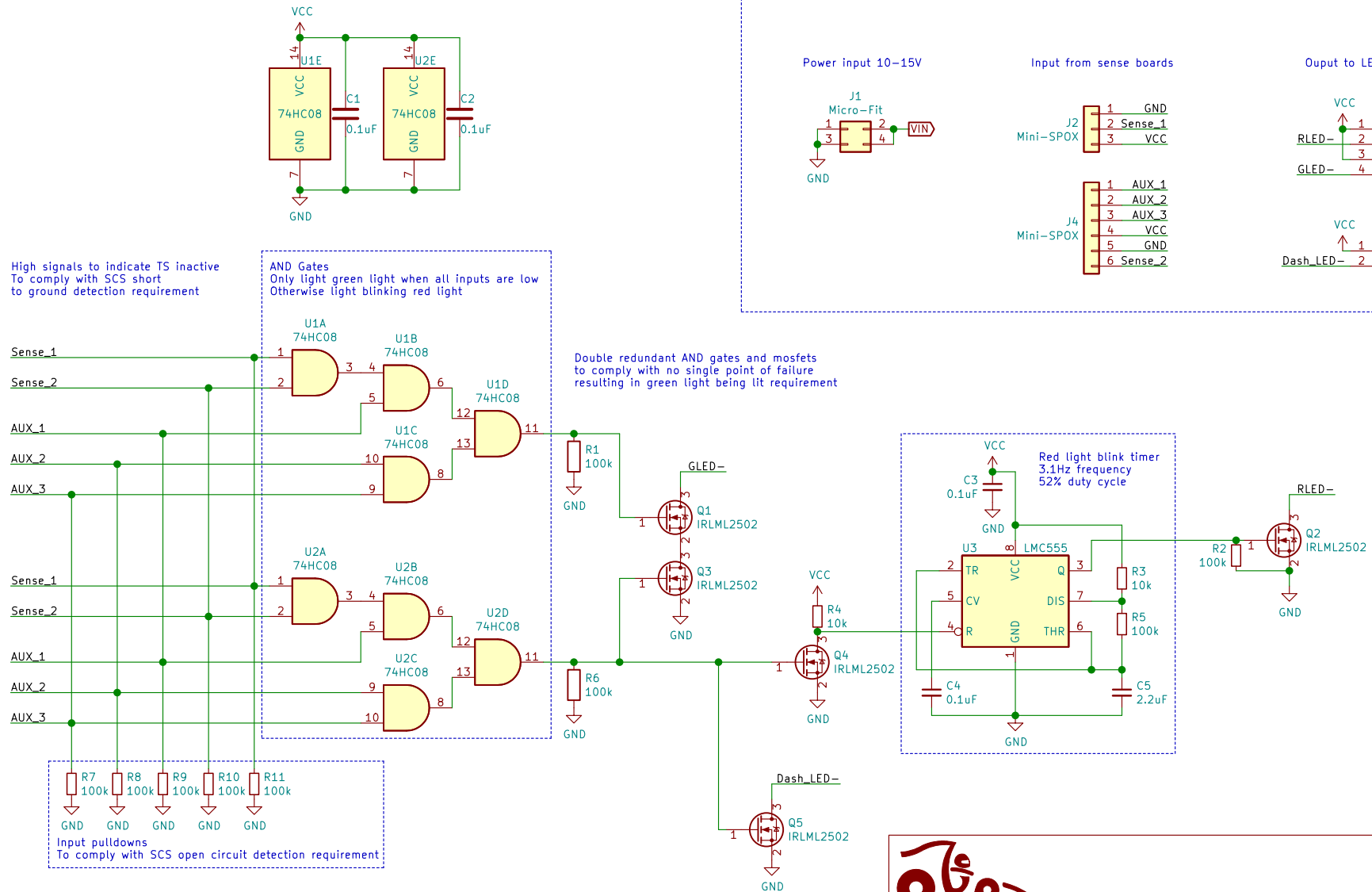


High signals to indicate TS inactive
To comply with SCS short
to ground detection requirement

AND Gates
Only light green light when all inputs are low
Otherwise light blinking red light

Double redundant AND gates and mosfets
to comply with no single point of failure
resulting in green light being lit requirement

Red light blink timer
3.1Hz frequency
52% duty cycle



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Sheet: /
File: TSAL.sch

Title: TSAL Logic and Power Board

Size: A4 Date: 2021-03-01

KiCad E.D.A. kicad 5.1.9

Rev: B

Id: 1/2

Id: 2/2