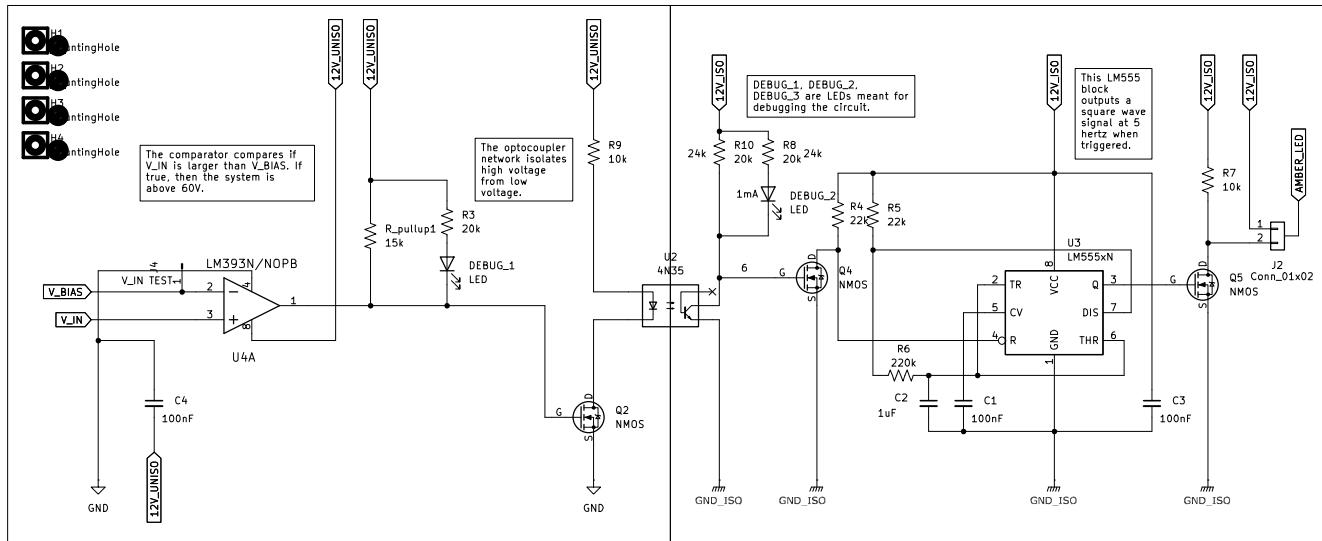
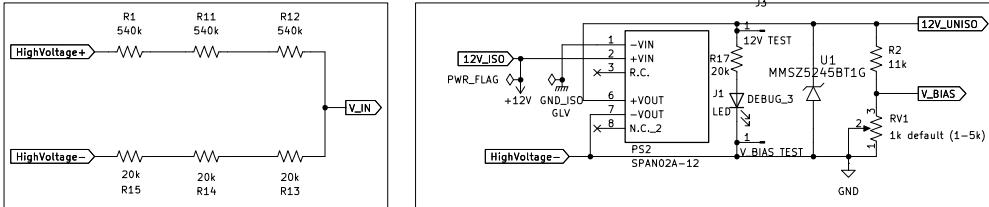


# TRACTIVE SYSTEM READY TO MOVE



## V<sub>IN</sub> 12V TO 12V ISOLATED DC DC CONVERTER

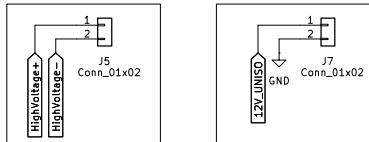


This DC DC isolated converter separates galvanically high voltage and low voltage.

V\_BIAS is a tunable voltage that affects when the amber LED flashes.

The Grounds of HV and this unisolated LV is tied together to ensure proper operation of the comparator.

#### HV CONNECTOR LV CONNECTOR



Designed By: Albert Huang  
Modeled By: Avadi Seneviratne

Sheet: /  
File: TS\_READY\_TO\_MOVE (1).kicad\_sch  
**Title:** TRACTIVE SYSTEM READY

Size: A4 Date:  
KiCad E.D.A. 9.0.5

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Rev:  
Id: 1/1