

Functional Spec:

- * LSD1 Off, PEDAL_CAN connected to VEHICLE_CAN.
- * LSD1 On, PEDAL_CAN disconnects from VEHICLE_CAN & connects to MONITOR_CAN.
- * LSD2 On, PEDAL_SIM_CAN connects to NET (else open circuit).
- * LSD3 On, NET connects to VEHICLE_CAN (else open circuit).

PEDAL_SIM_CAN -> VEHICLE_CAN uses 2x relays for redundant disconnect of stuck contact.

LSD 1 & 2 under ECU A control. LSD 3 under ECU B control.

BoM:

6x Relay:

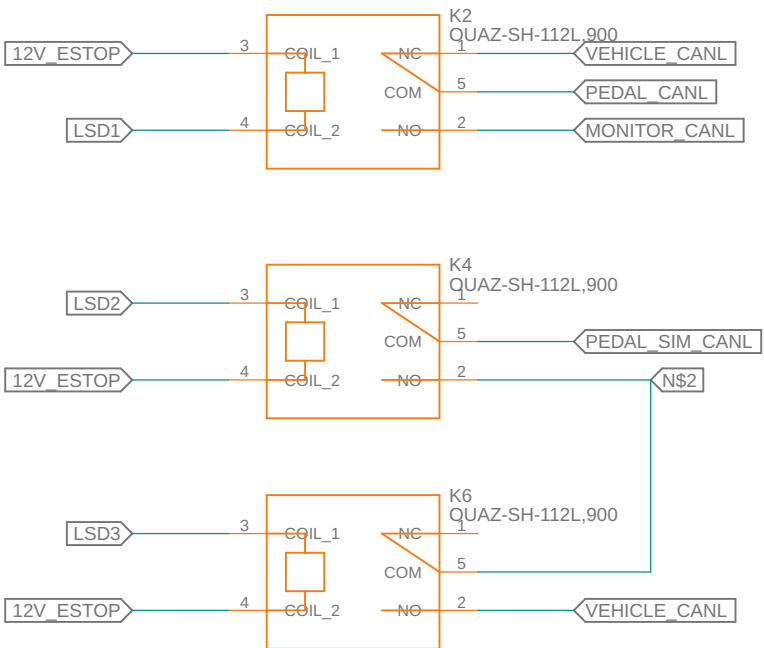
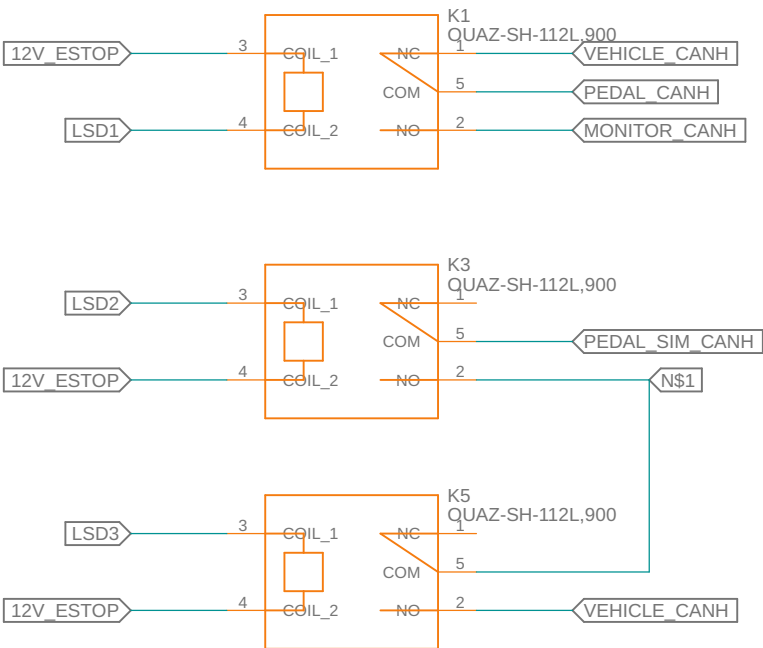
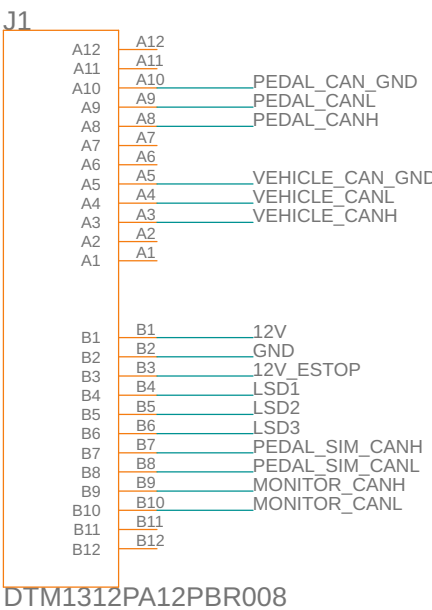
TE: OUAZ-SH-112L,900
Mouser: 655-OUAZ-SH-112L,900

1x Connector:

Deutsch: DTM13-12PA-12PB-R008
Mouser: 571-TM1312PC12PDR008

1x Housing:

Deutsch: EEC-325X4B
Mouser: 571-EEC-325X4B



5G CAL Terberg PCM PCM Design Rev01.