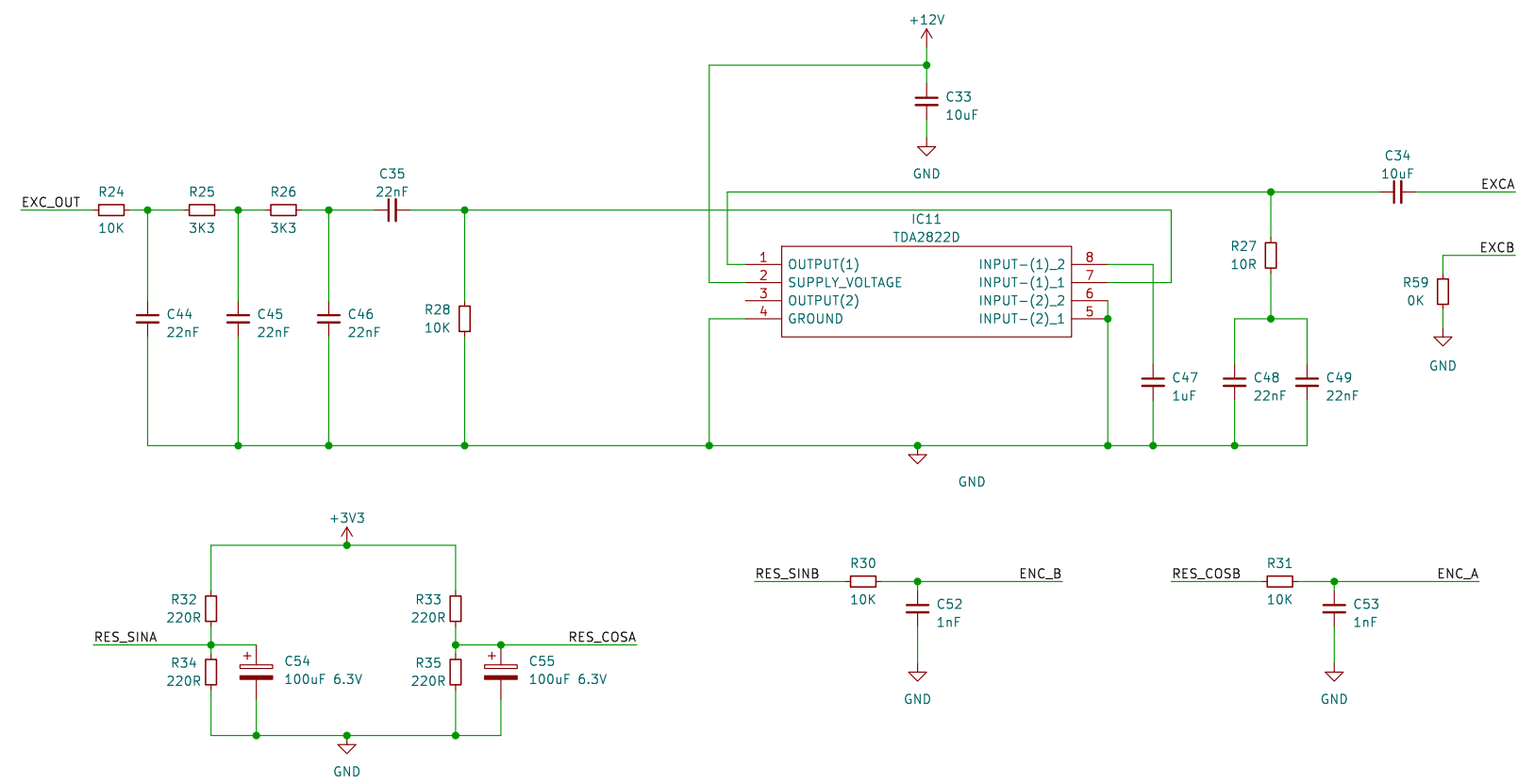
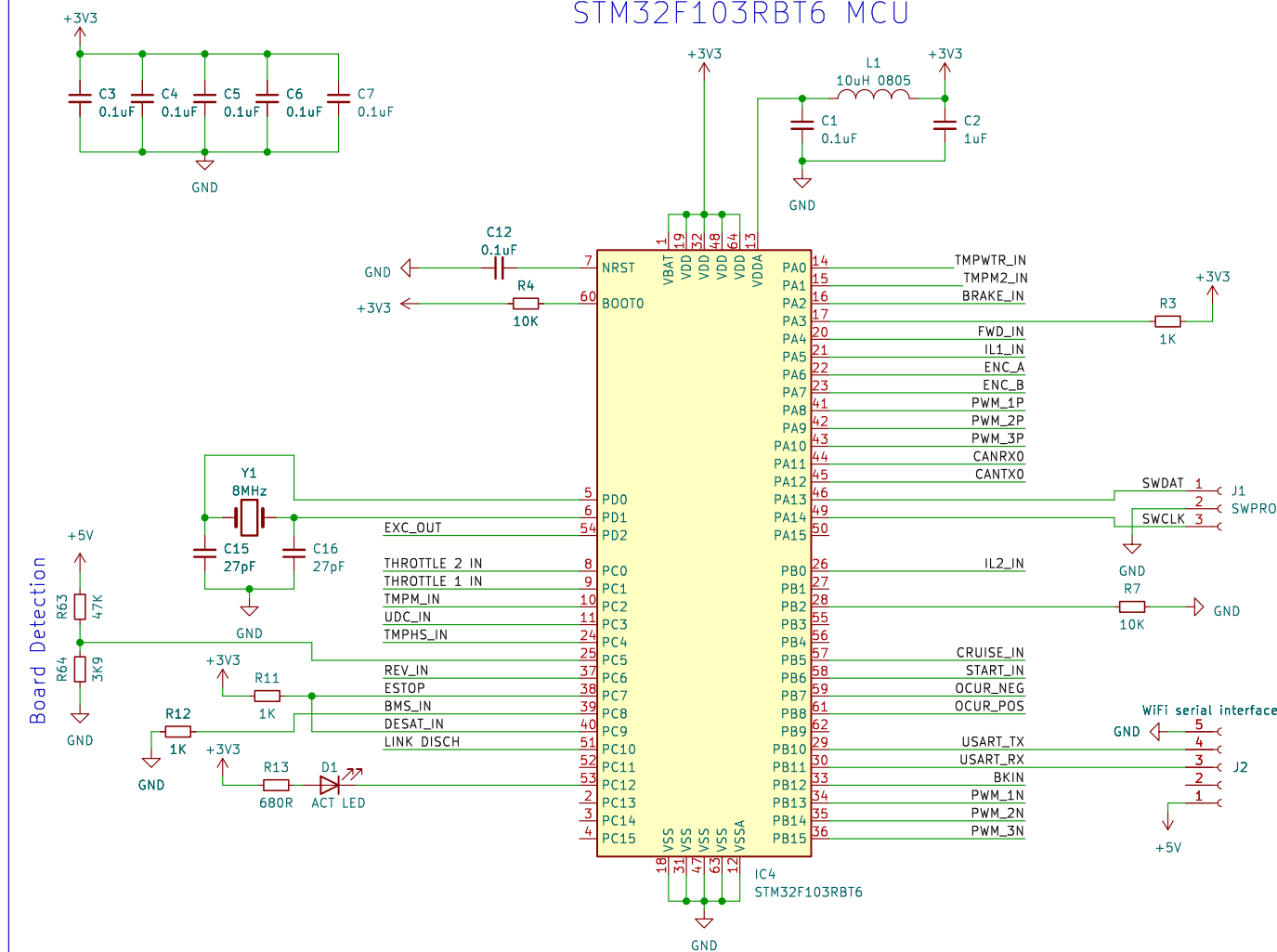


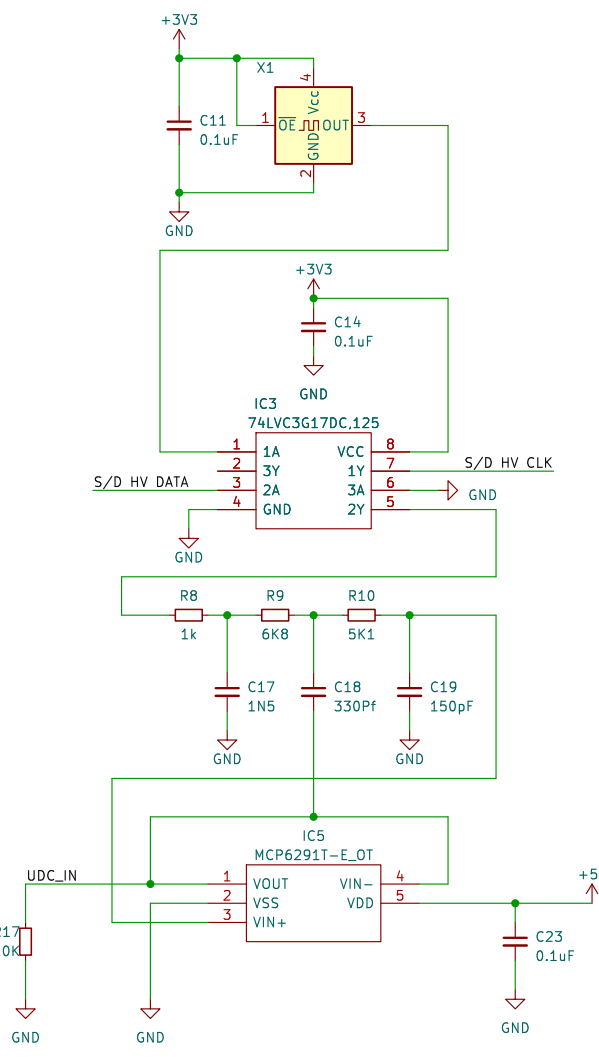
RESOLVER



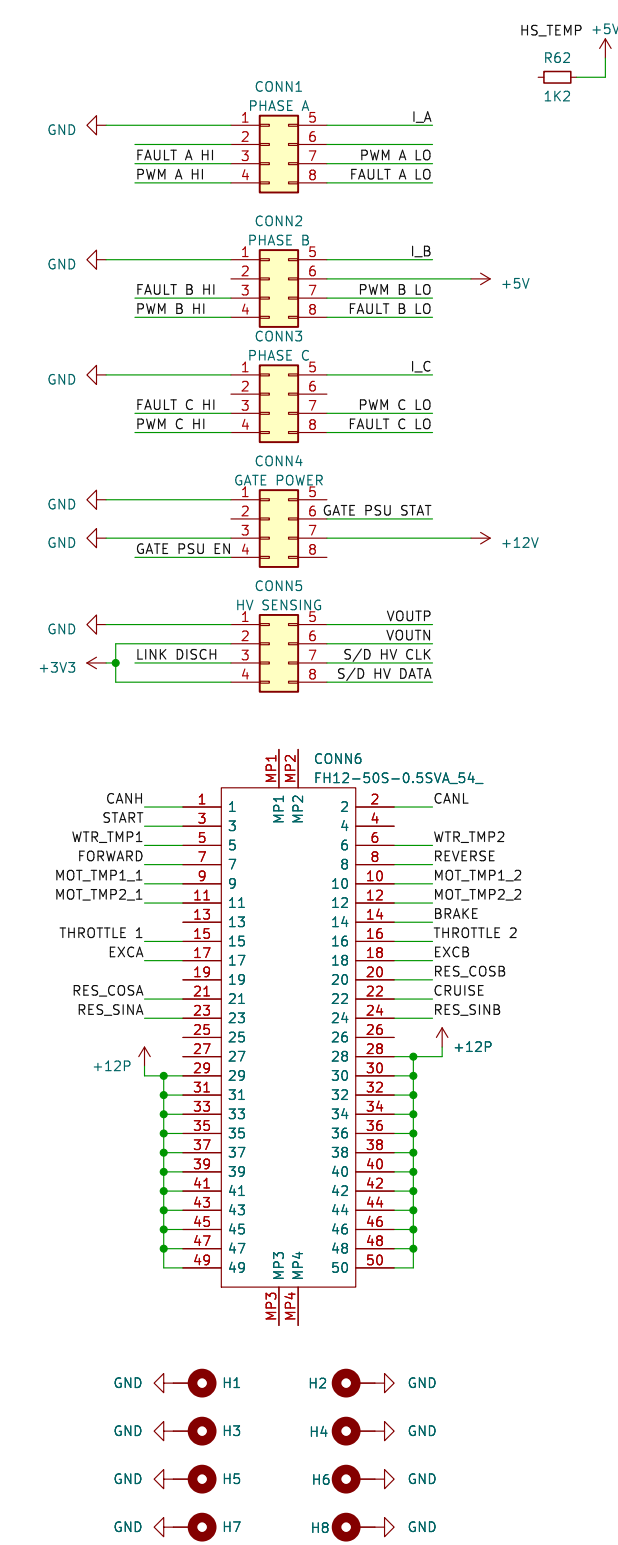
STM32F103RBT6 MCU



HV SENSE SIGMA / DELTA

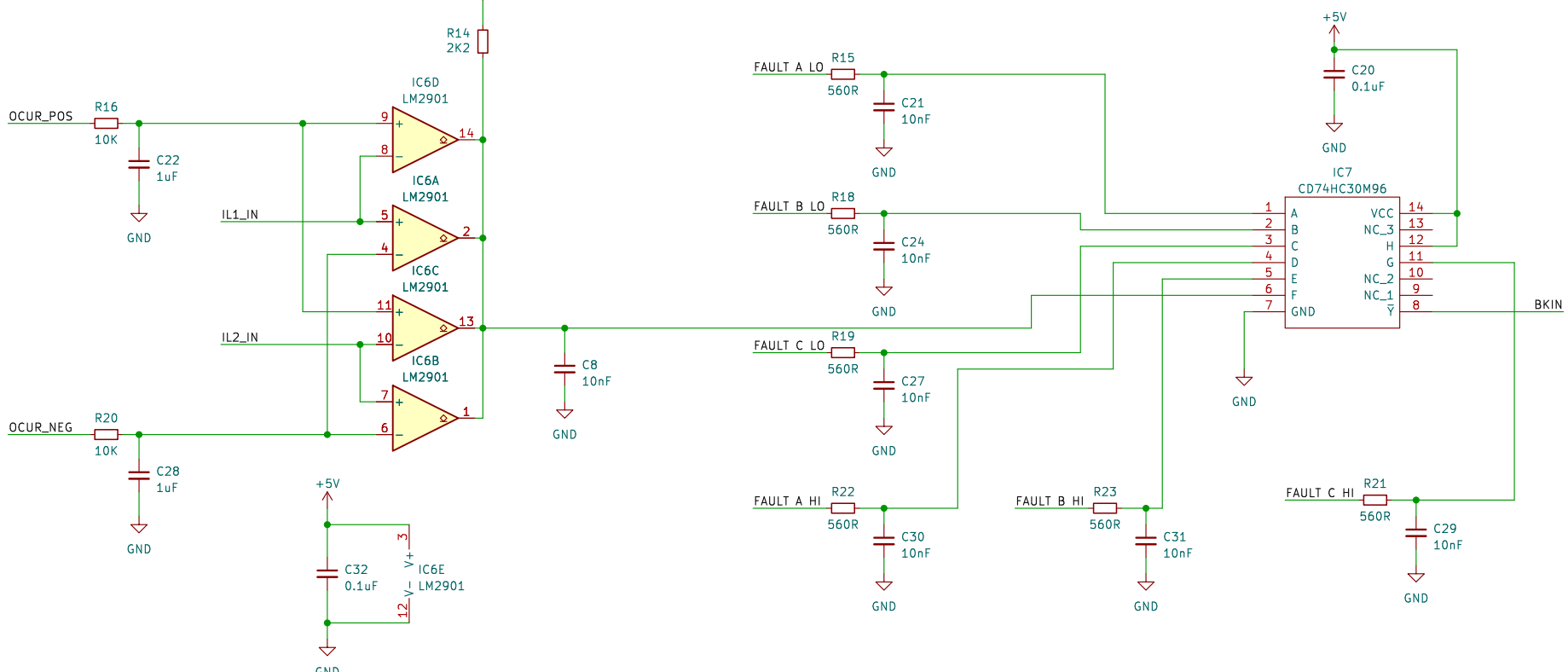


CONNECTORS

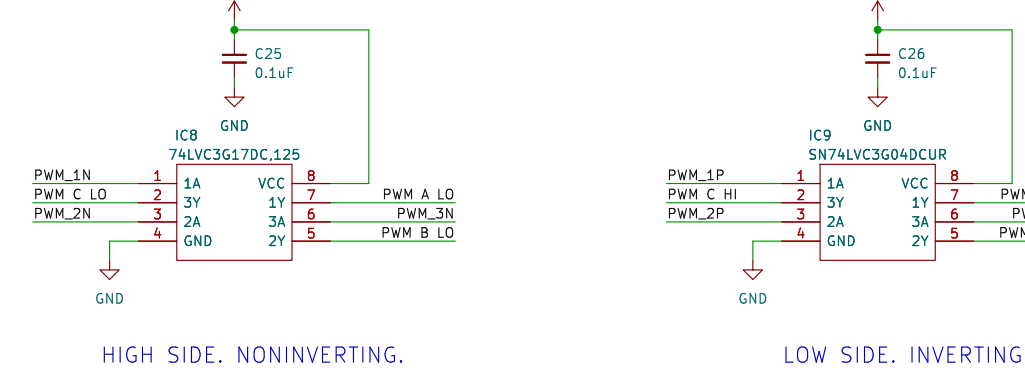


- 28-pin inverter connector
- 1 - Start
- 2 - Motortemp 0 in
- 3 - Motortemp 1 in
- 4 - Motortemp 1 out
- 5 - Cruise
- 6 - Brake
- 7 - +12V (k130)
- 8 - Motortemp 0 out
- 9
- 10
- 11
- 12
- 13 - Throttle 1
- 14 - Throttle 2
- 15 - CAN-L
- 16
- 17 - Resolver SIN S4
- 18 - Resolver SIN S2
- 19 - Resolver EXC R2
- 20
- 21
- 22 - CAN-H
- 23
- 24 - Resolver COS S3
- 25 - Resolver COS S1
- 26 - Resolver EXC R1
- 27 - Reverse
- 28 - Forward

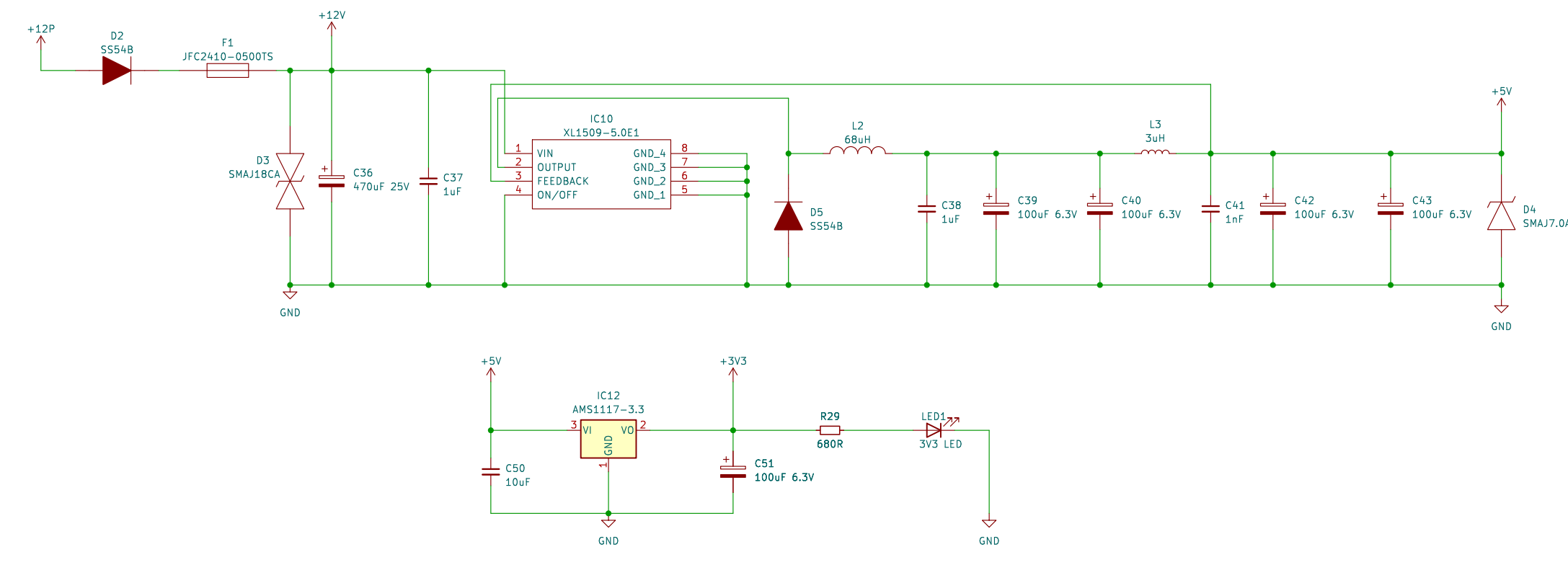
OVERCURRENT AND FAULT



PWM DRIVERS

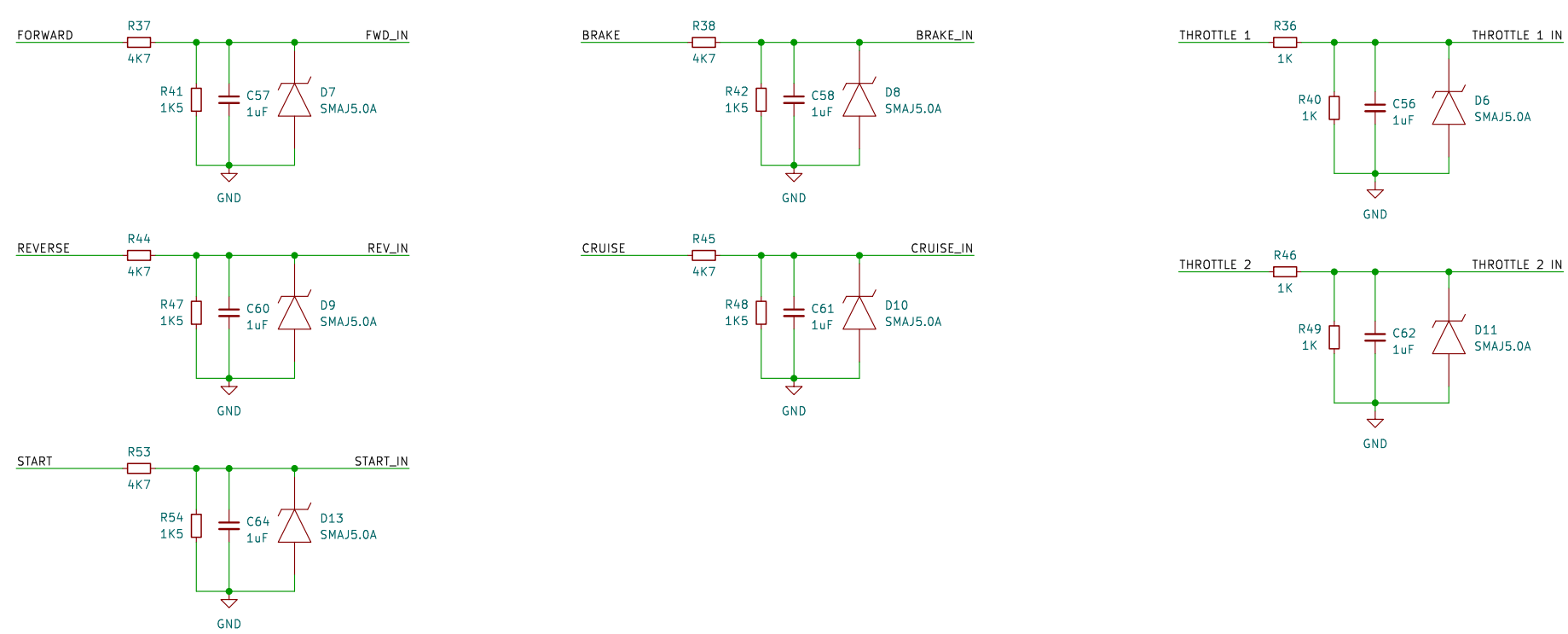


POWER SUPPLY

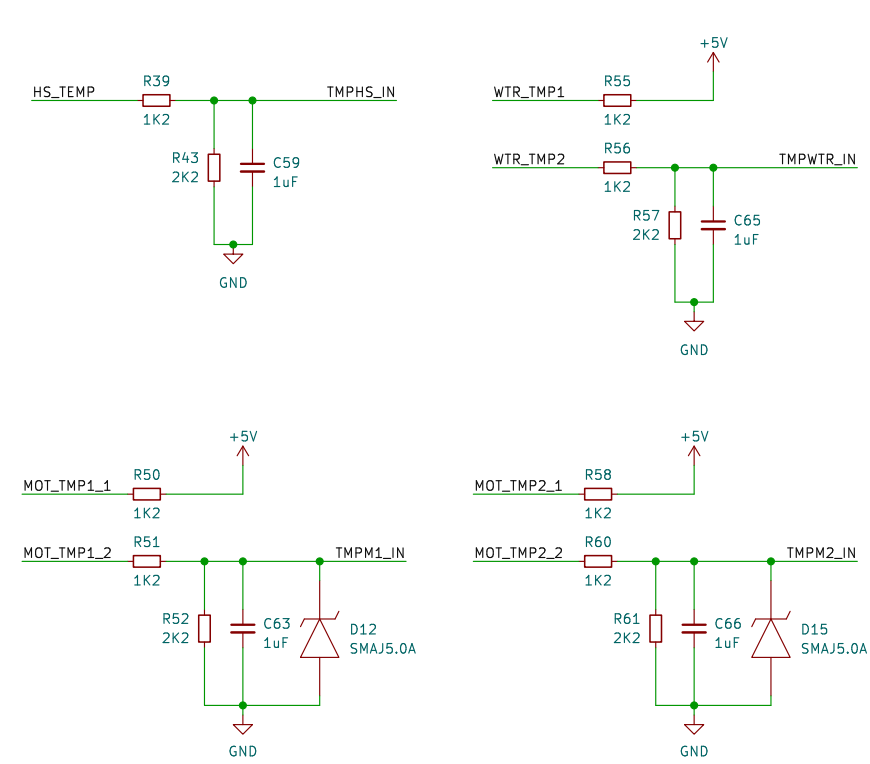


- * Link discharge Logic level or driver needed?
- * Do we need a T15_IN? No available pins!
- * HS_Temp? Seems like CONN1 pin2 and pin4?
- * Should R27 be 10ohm? It's 10k in M3

INPUTS DIGITAL / ANALOG



TEMP SENSORS



CURRENT SENSORS

