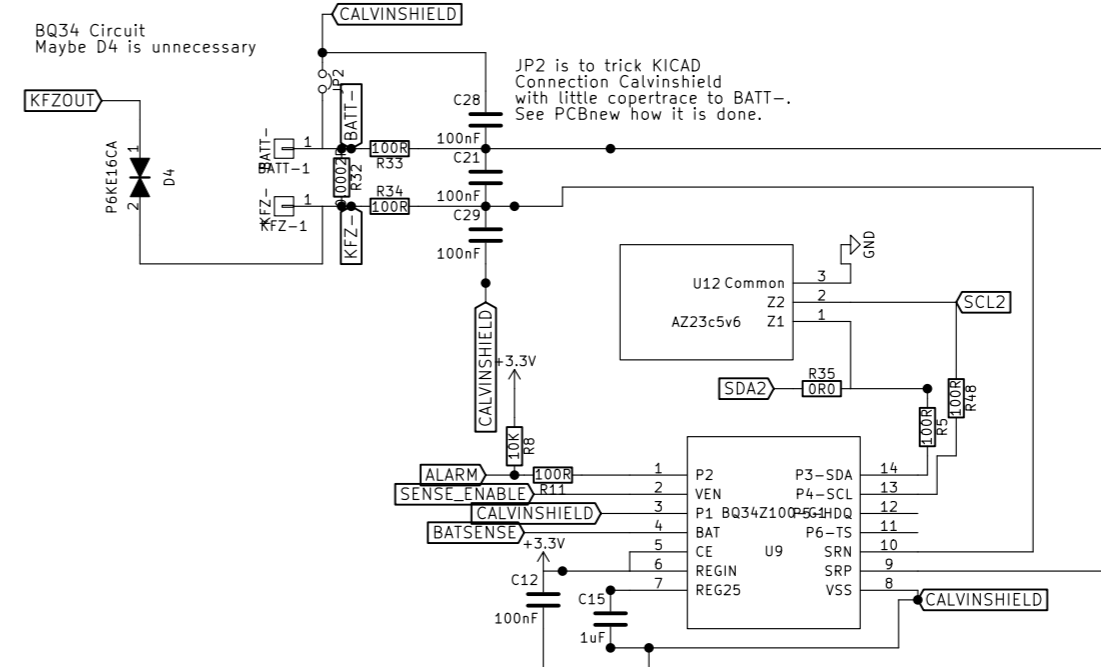
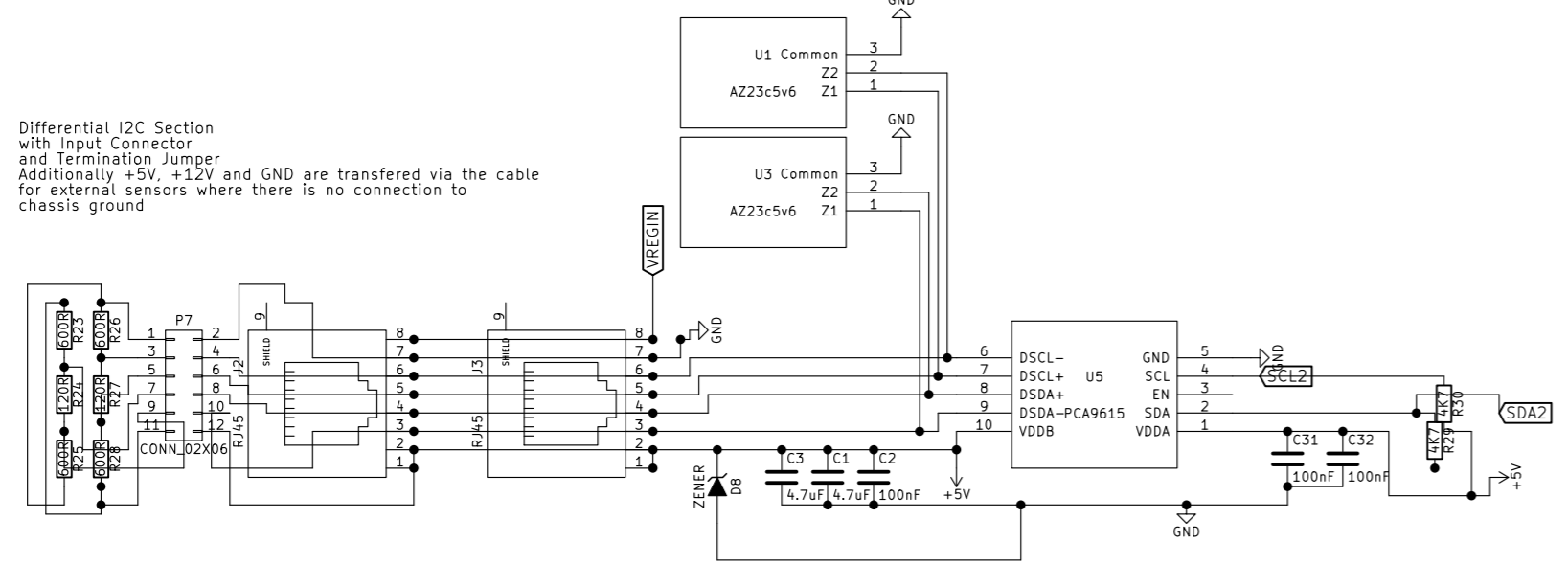
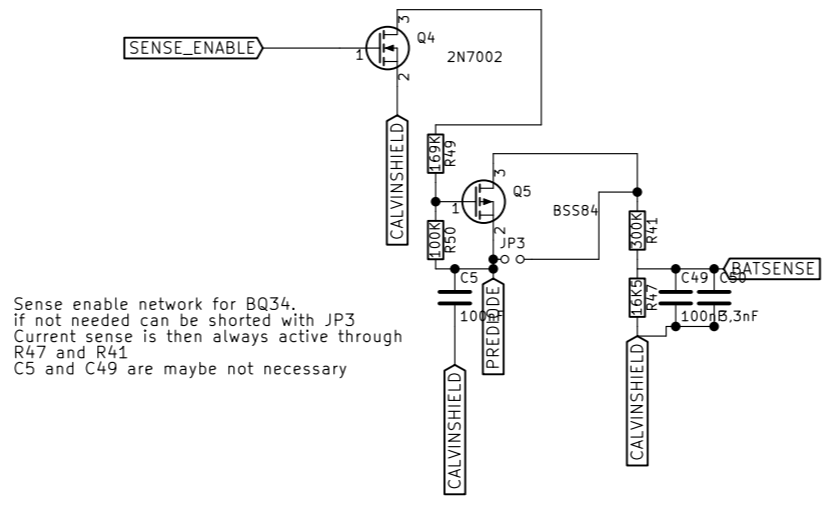
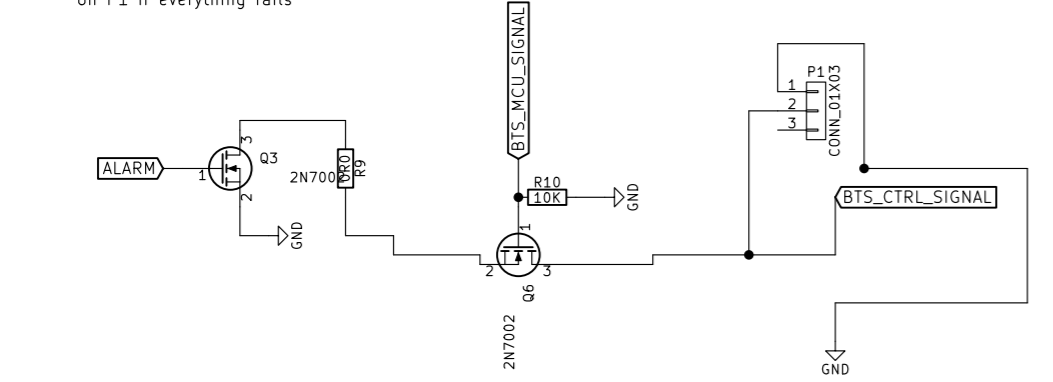


Differential I2C Section with Input Connector and Termination Jumper. Additionally +5V, +12V and GND are transferred via the cable for external sensors where there is no connection to chassis ground.



Wired or Can disable the BTS555 either by Alert Signal or by Signal from PCA9534. BTS555 can be switched on with jumper on P1 if everything fails.



SOME Mosfet to controll external stuff. No Circuit protection here so take care on your own.

With these resistors the I2C address of the unit can be set.

BQ34 Circuit Maybe D4 is unnecessary.

JP2 is to trick KICAD Connection Calvinshield with little coperttrace to BATT-. See PCBnew how it is done.

Sense enable network for BQ34. if not needed can be shorted with JP3. Current sense is then always active through R47 and R41. C5 and C49 are maybe not necessary.