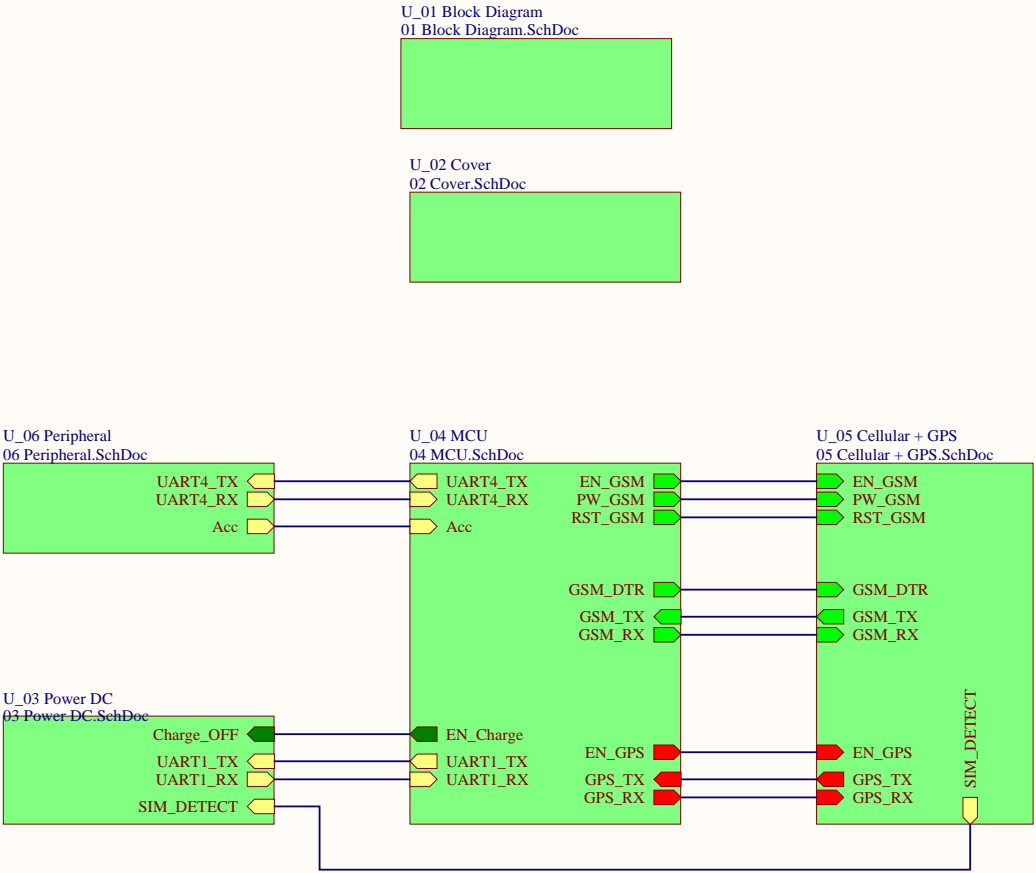
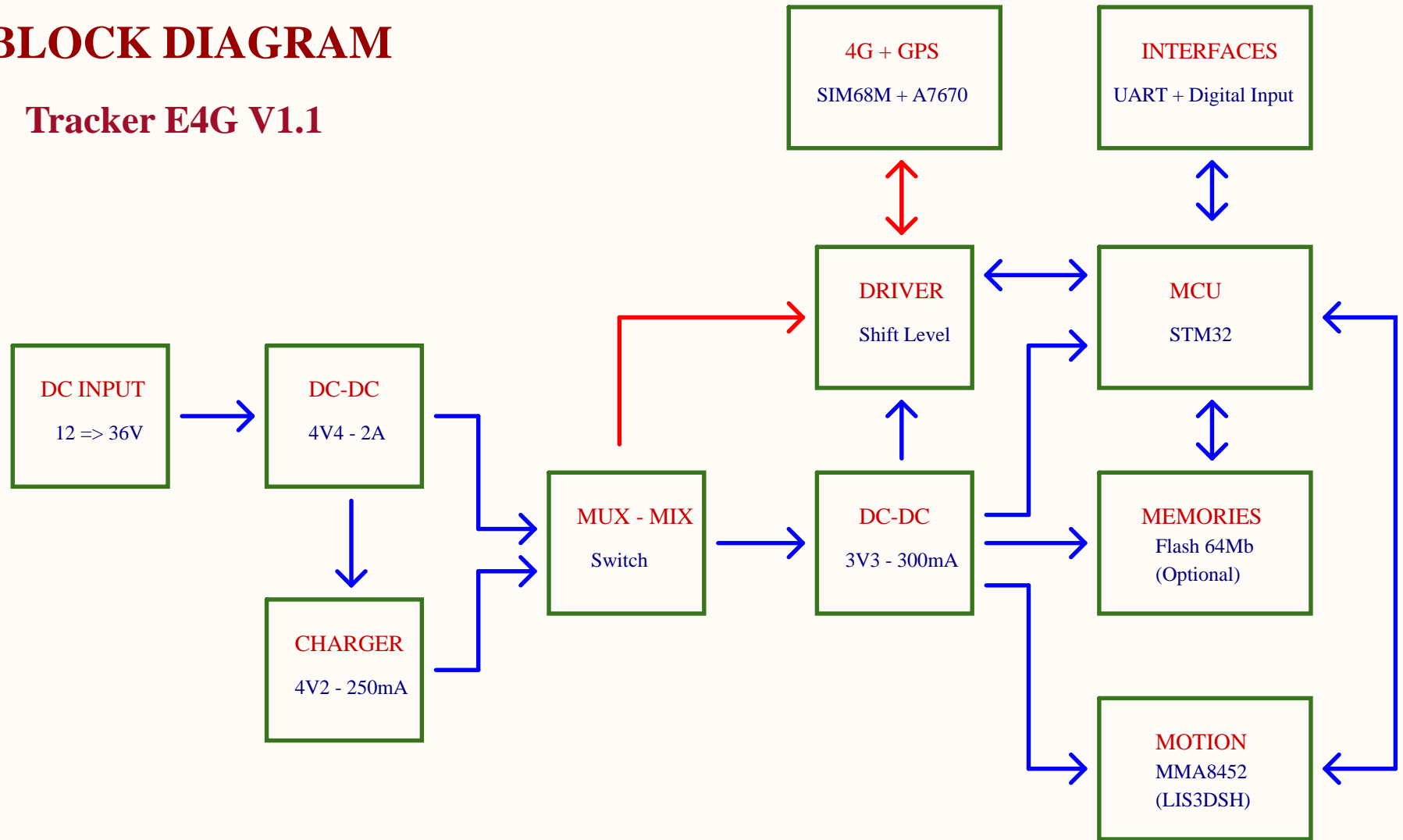


CONNECT



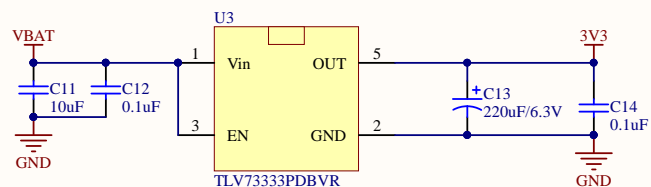
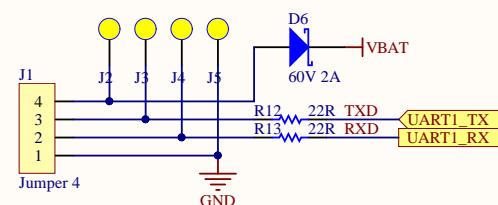
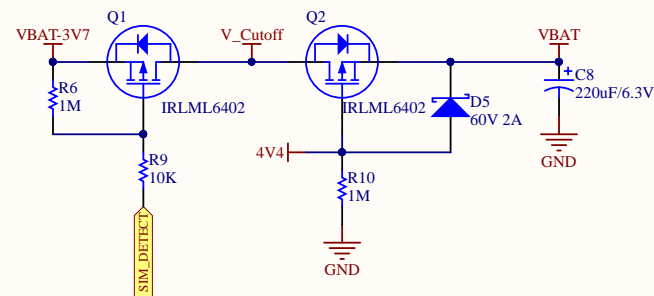
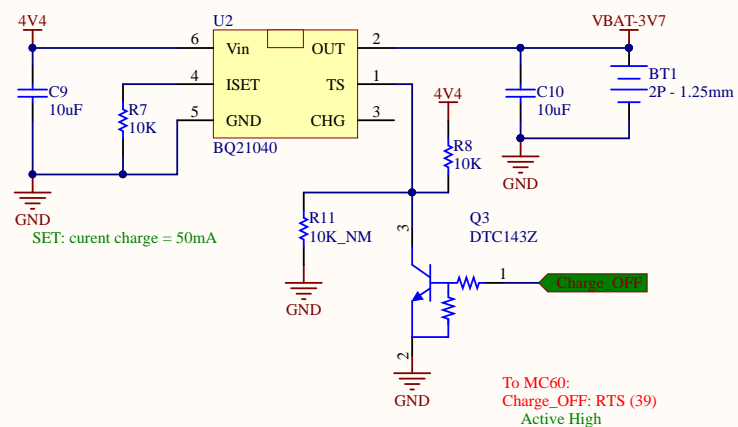
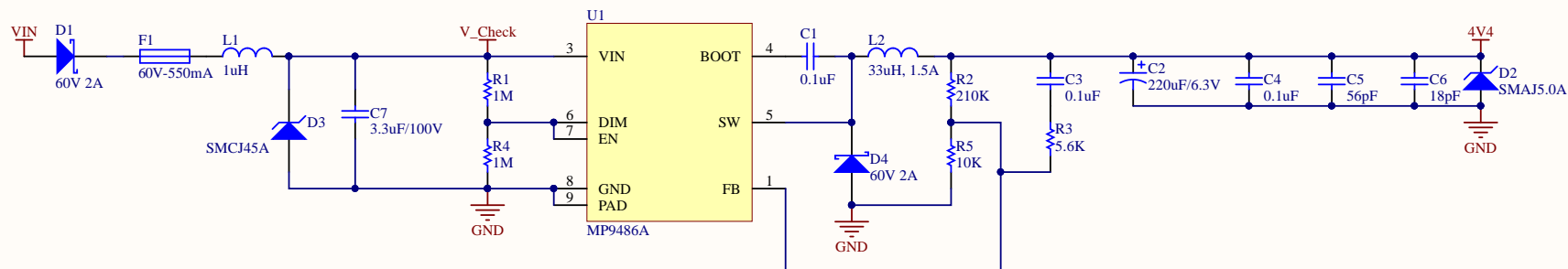
BLOCK DIAGRAM

Tracker E4G V1.1



| | | | | | | | |
|---|------------------|---|--|---|--|---|---|
| 1 | | 2 | | 3 | | 4 | |
| A | <div>COVER</div> | | | | | | A |
| B | | | | | | | B |
| C | | | | | | | C |
| D | | | | | | | D |
| 1 | | 2 | | 3 | | 4 | |

POWER DC



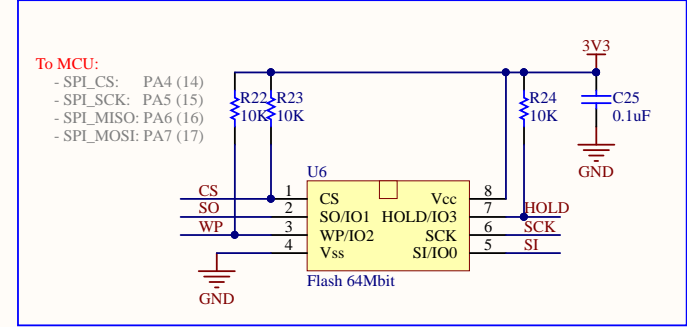
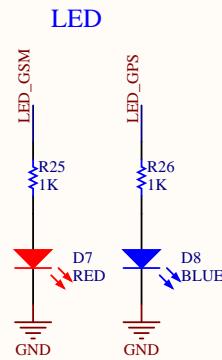
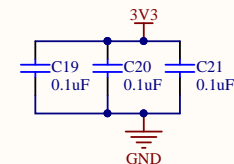
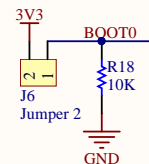
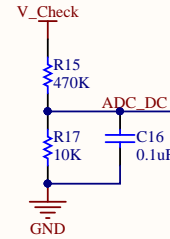
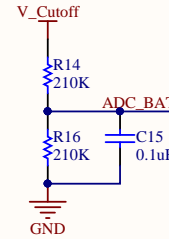
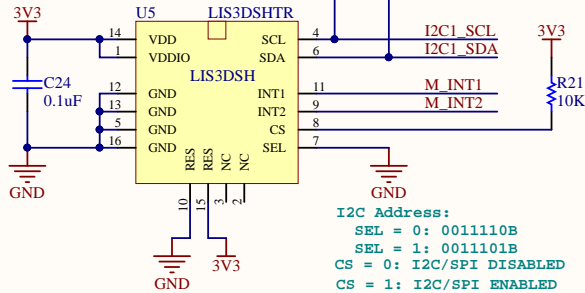
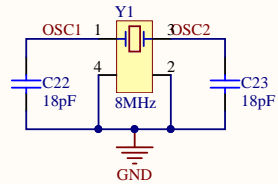
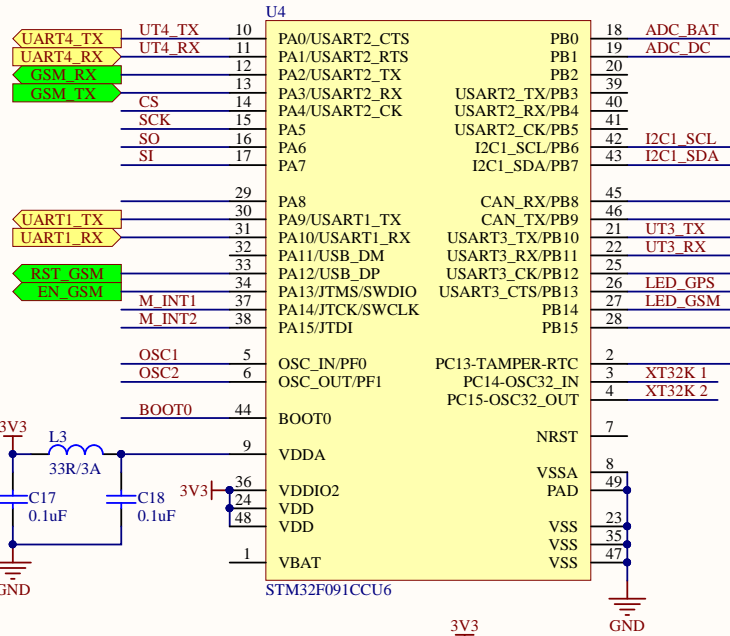
MCU

To MCU:

- SPI_CS: PA4 (14)
- SPI_SCK: PA5 (15)
- SPI_MISO: PA6 (16)
- SPI_MOSI: PA7 (17)

To IO (MAX3232):

- USART1_TX: PA9 (30)
- USART1_RX: PA10 (31)



To Power:

- ADC_VIN: PA0 (10)
- ADC_VBAT: PA1 (11)
- En_Charge: PB13 (26)

To GSM :

- GSM_TX: UT2_RX: PA3 (14)
- GSM_RX: UT2_TX: PA2 (13)
- GSM_DTR: PA14 (37)
- PW_GSM: PA15 (38)
- EN_GSM: PA8 (29)

To GPS:

- GPS_TX: UT3_RX PB11 (22)
- GPS_RX: UT3_TX PB10 (21)

To IO:

- LED_GSM: PB15 (28)
- LED_GPS: PB14 (27)

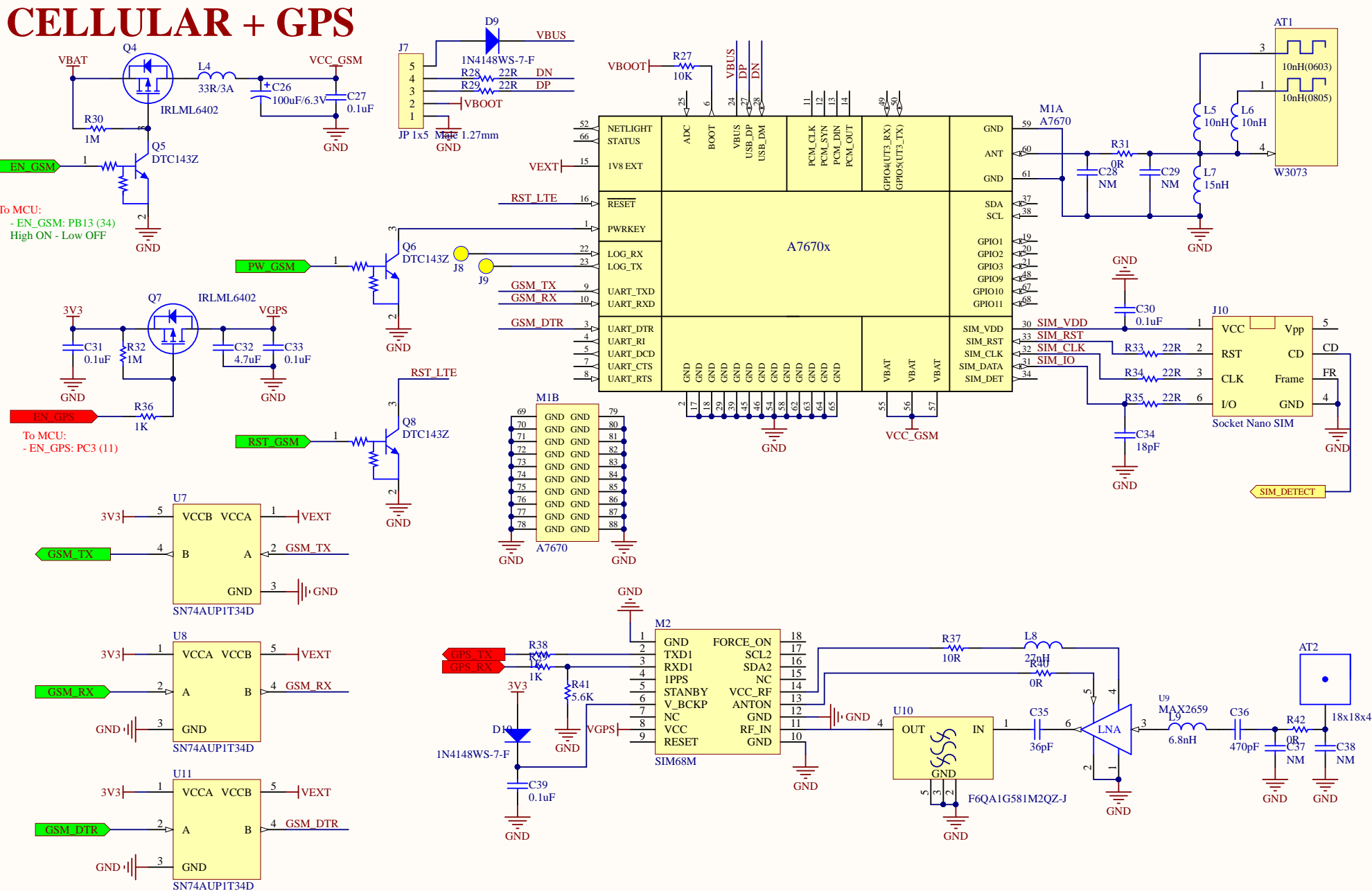
To Motion:

- I2C1_SCL: PB10 (21)
- I2C1_SDA: PB11 (22)

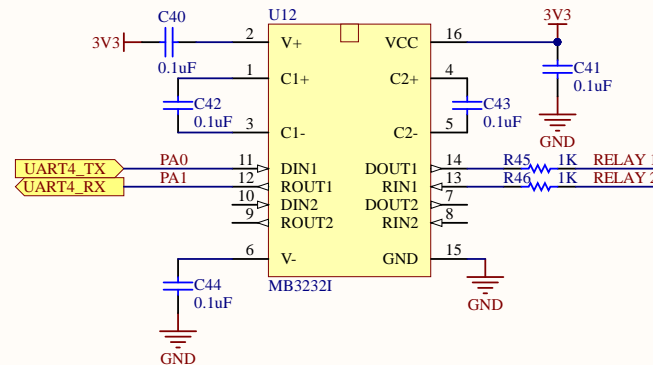
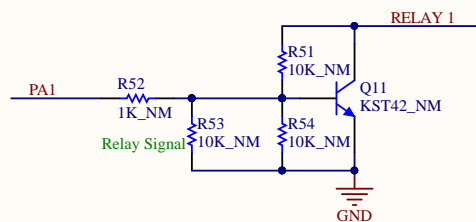
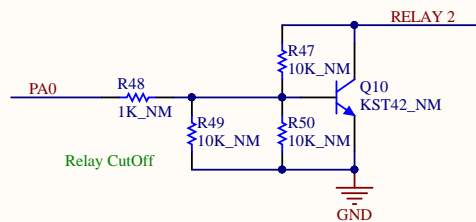
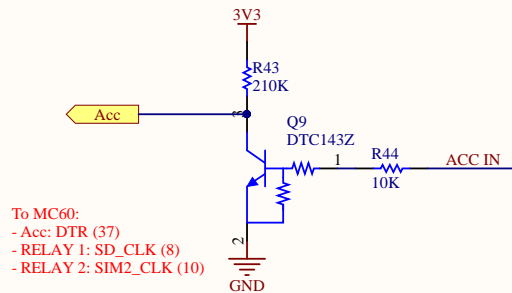
To CAN:

- CAN_TX: PB9 (46)
- CAN_RX: PB8 (45)

CELLULAR + GPS



PERIPHERAL



1. Default: UART
2. OUTPUT:
 - Không hàn: C40, C41, C42, C43, C44, R44, R45, U12 và R46, R49, R50, R53
 - Hàn R47, R48, Q10 và R51, R52, Q11
3. ADC Input:
 - Không hàn: C40, C41, C42, C43, C44, R44, R45, U12 và Q10, Q11
 - Hàn R46, R49, R50, R53 và thay giá trị R47=R51=0R, R48=R52=0.1uF

