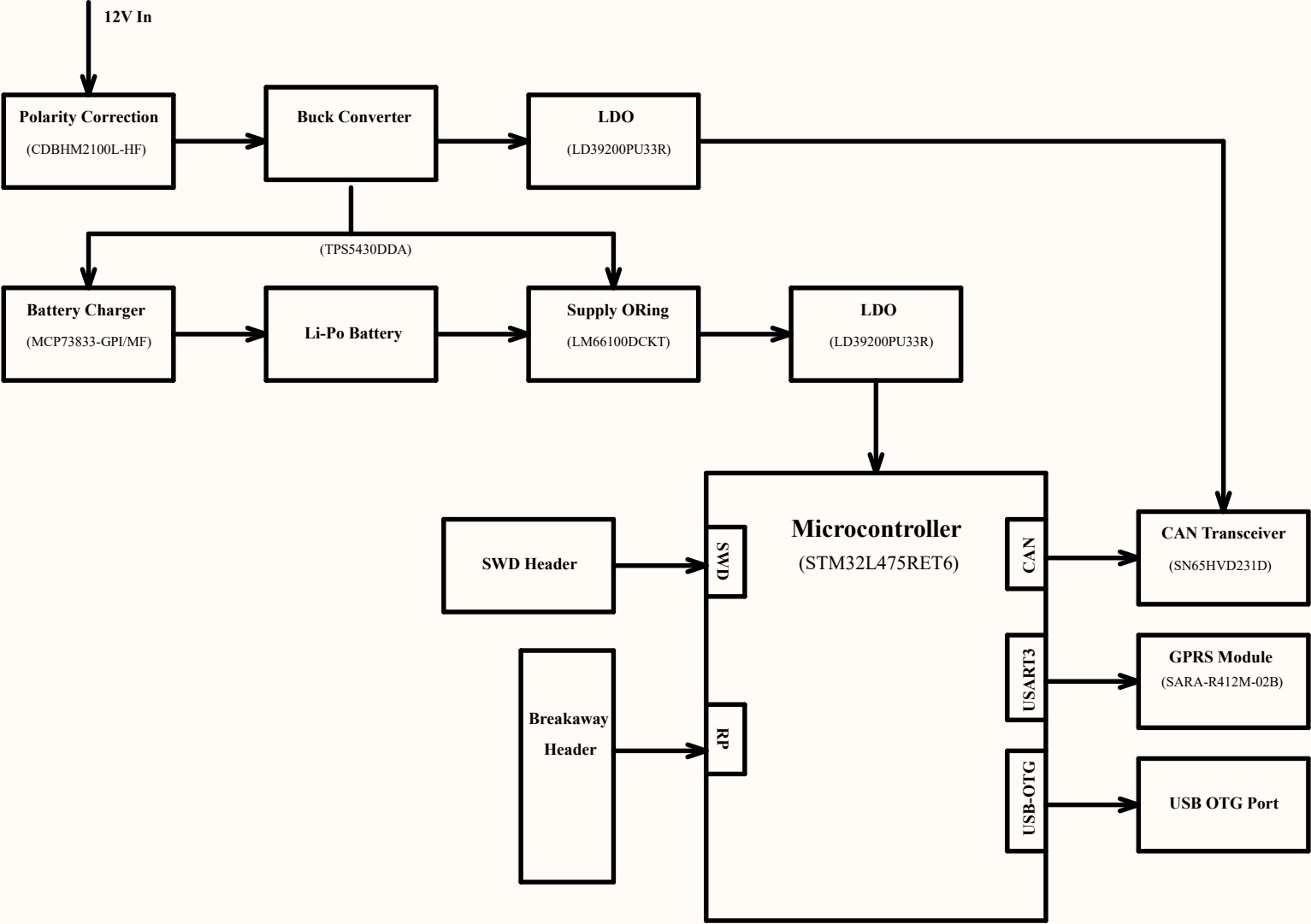
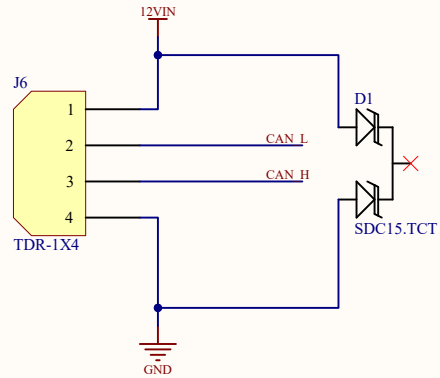


# System Block Diagram

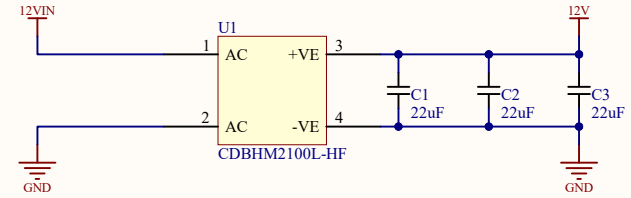


\*RP = Remaining Pins

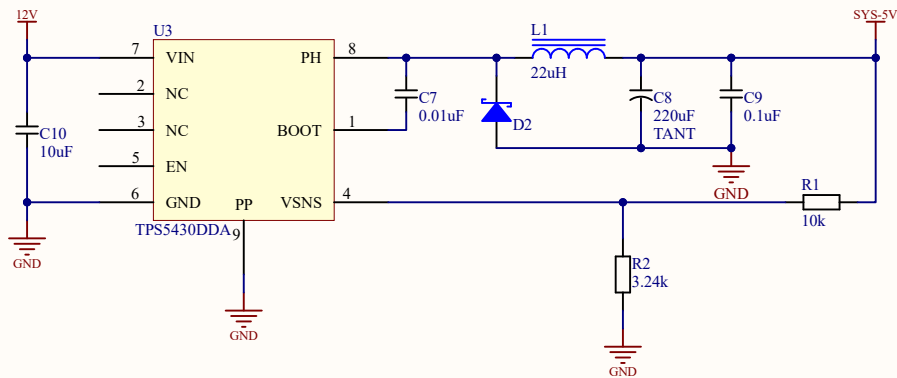
## Power & CAN Connector



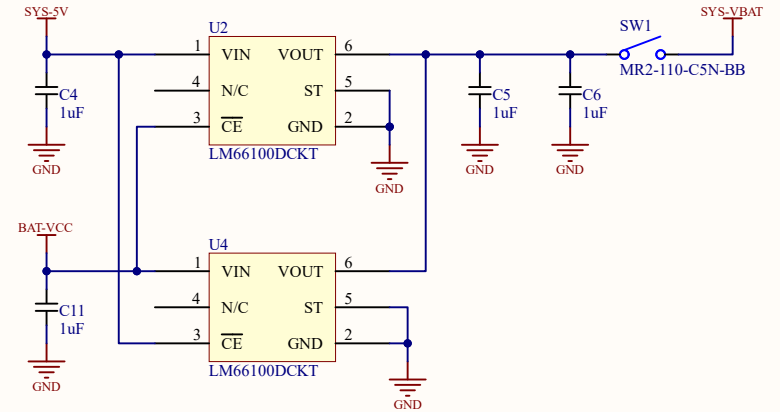
## Reverse Polarity Protection



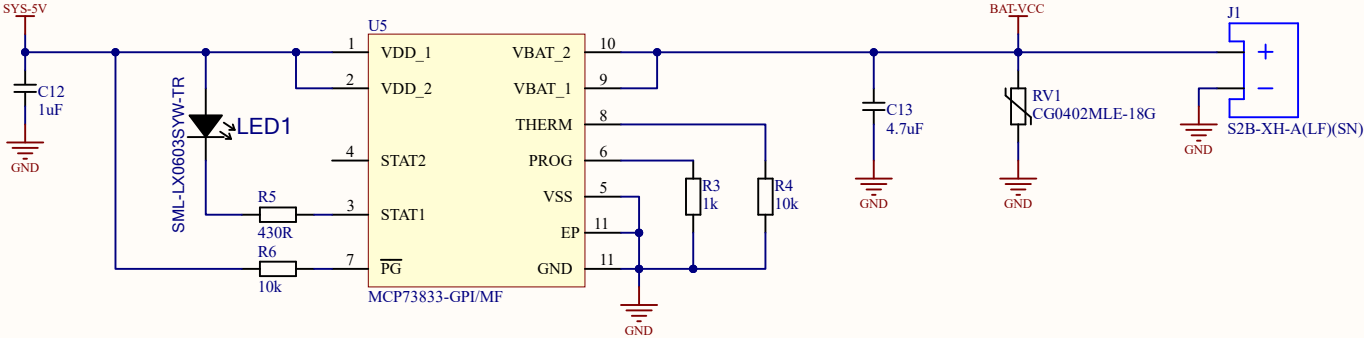
## 12V-5V Converter



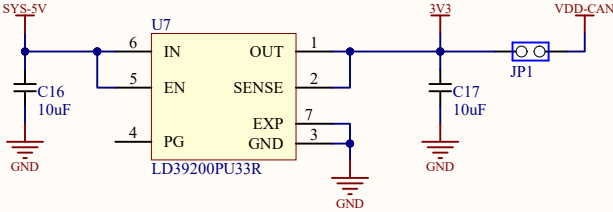
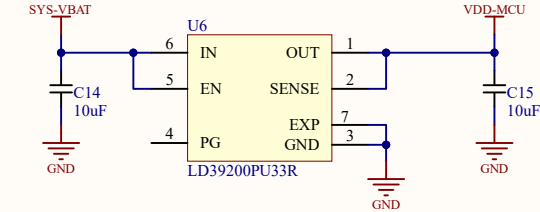
## Supply ORing

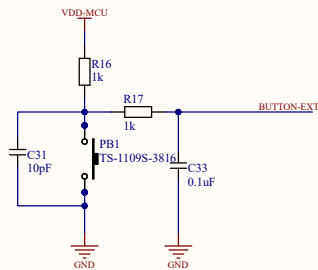
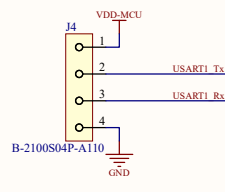
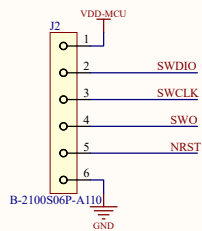


Battery Charger

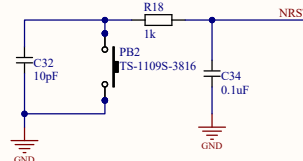
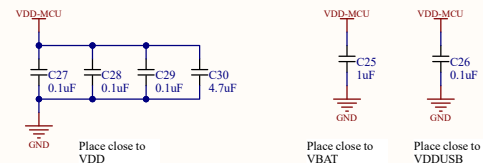


LDOs





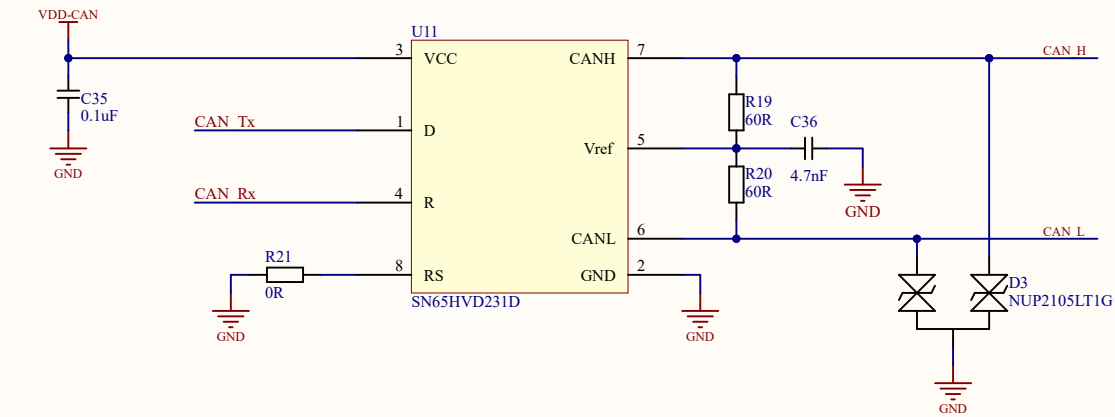
100nF should be place close to the MCU  
10pF and 1K should be place close to the button



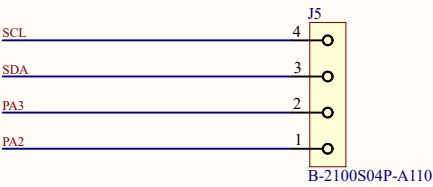
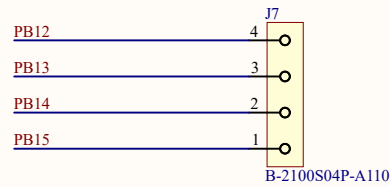
100nF should be place close to the MCU  
10pF and 1K should be place close to the button



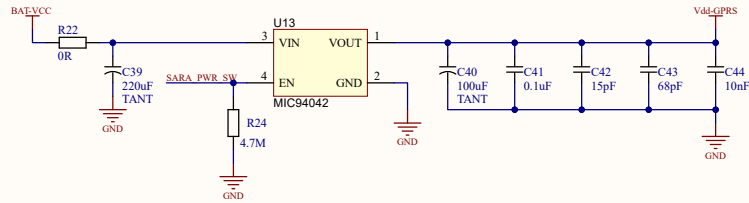
CAN Transceiver



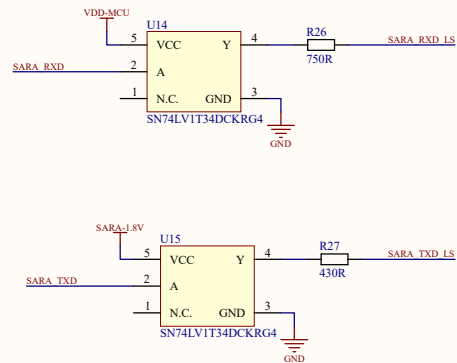
Remaining Pins



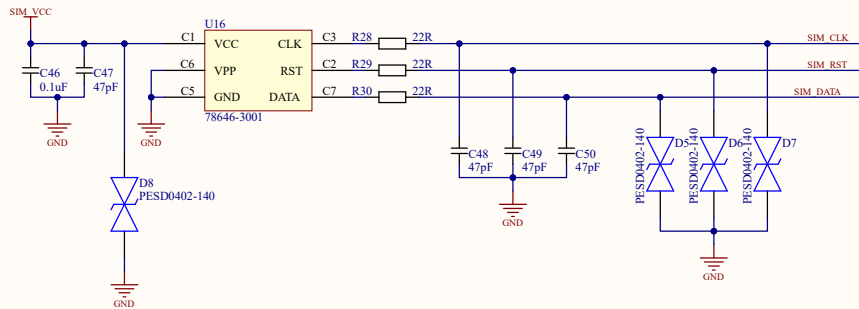
## Load Switch for GPRS



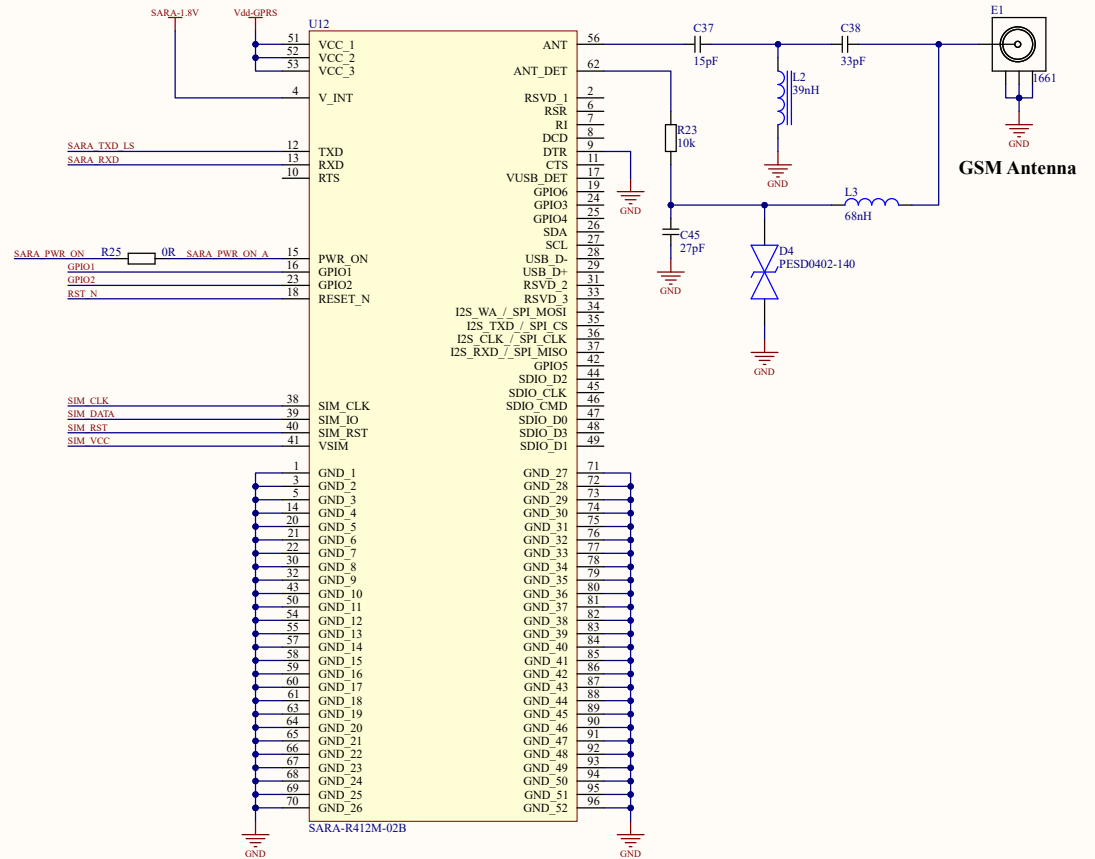
## Level Shifting



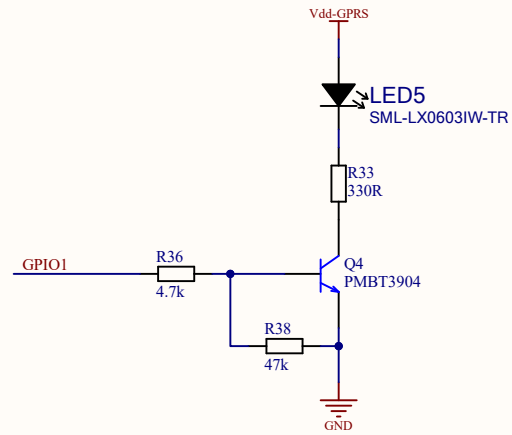
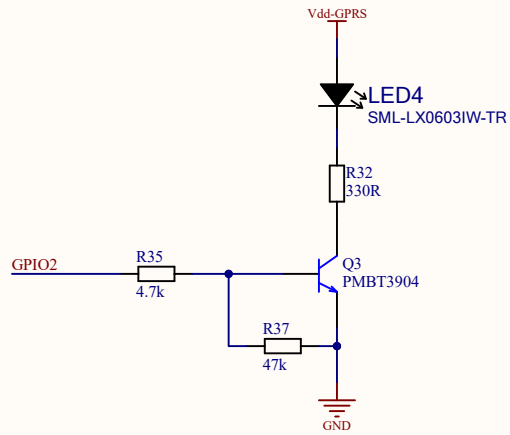
## SIM Jacket



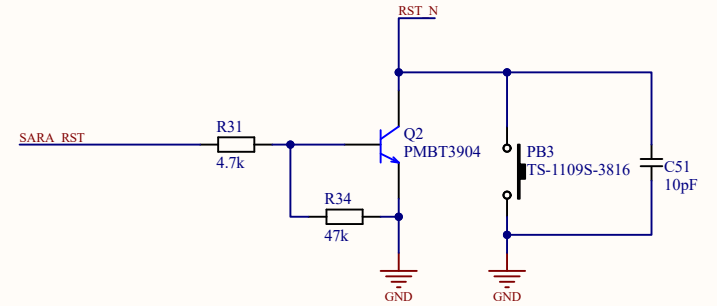
## GPRS Module



## Status LEDs



## GPRS\_RST



## GPRS\_PWRON

