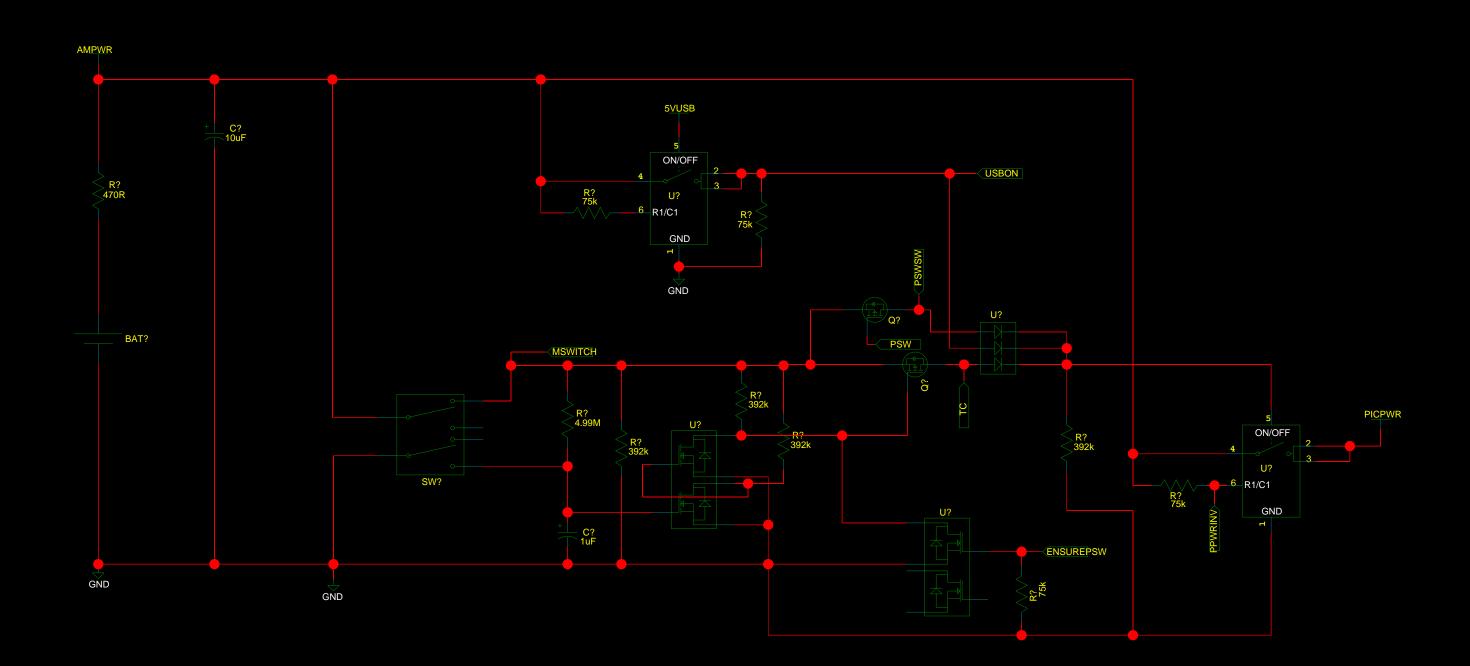
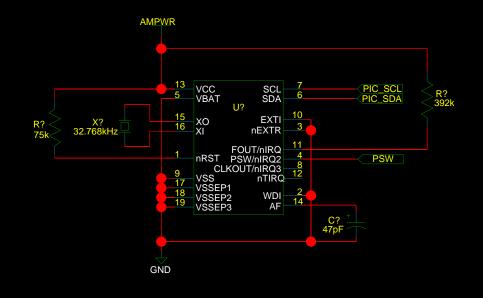
Inputs

PIC_SCL_PIC_SDA PIC16, bus is floated when PIC16 goes to sleep

ENSUREPSW>
PIC16 GPIO, 1.8V ensures PICPWR will remain on







Outputs

USBON1.8V = USB is plugged in, 0V = USB unpluggedUSBON forces on PICPWR

MSWITCH

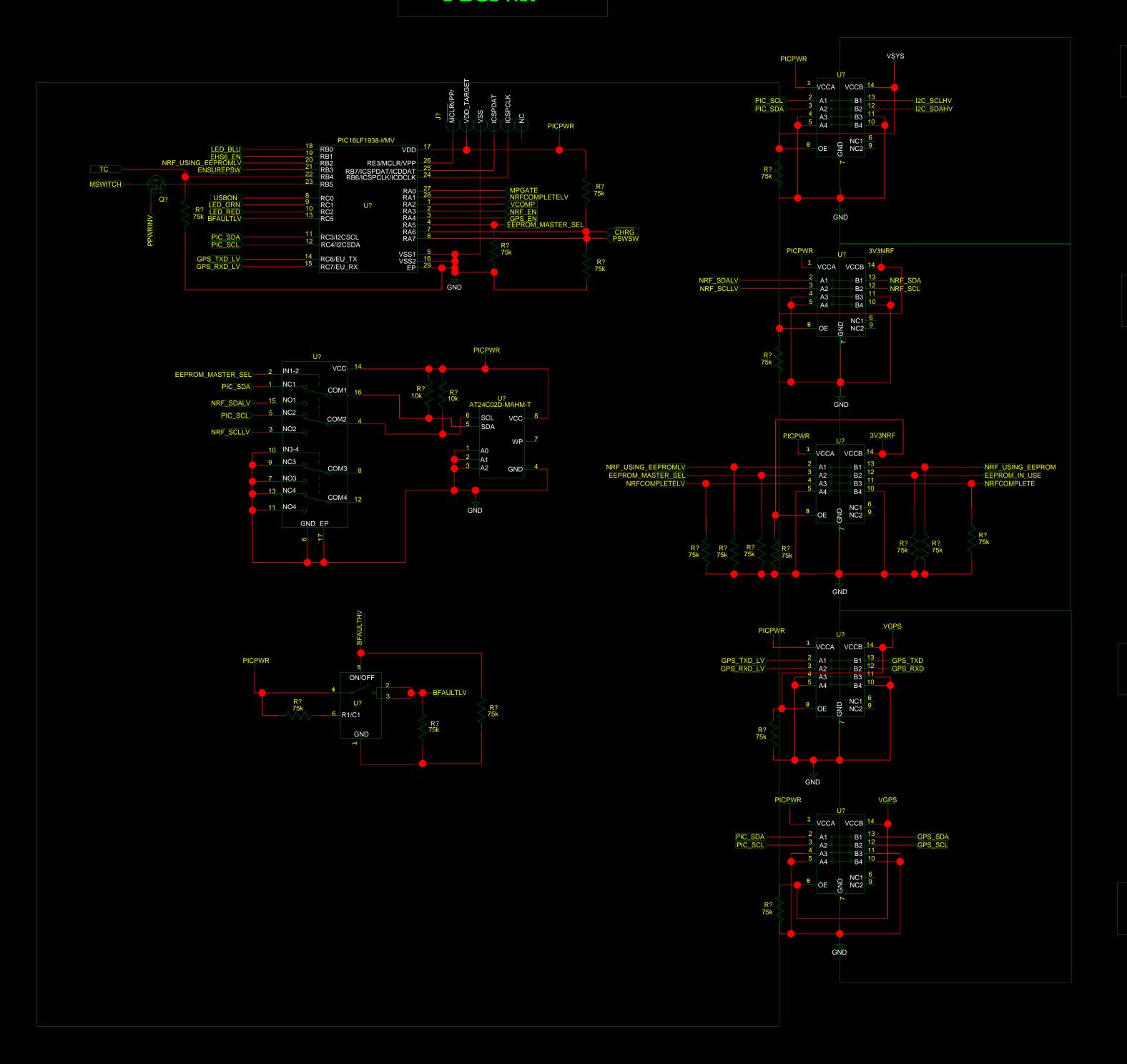
MSWITCH being on allows TC, PSW and ENSUREPSW to turn on PICPWR

1.8V = Main Switch was just turned on, 0V = Main Switch has been on for >4sec

PICPWR

PICPWR is on if:
USBON || (MSWITCH && (TC || PSW || ENSUREPSW))

PICPWR



VSYS

Bidirectional

I2C_SCLHV

3V3NRF

Ouputs

EEPROM_IN_USE

Inputs

NRF_USING_EEPROM NRFCOMPLETE

Bidirectional

NRF_SDA

VGPS

Bidirectional

GPS_TXD GPS_RXD GPS_SDA

Other

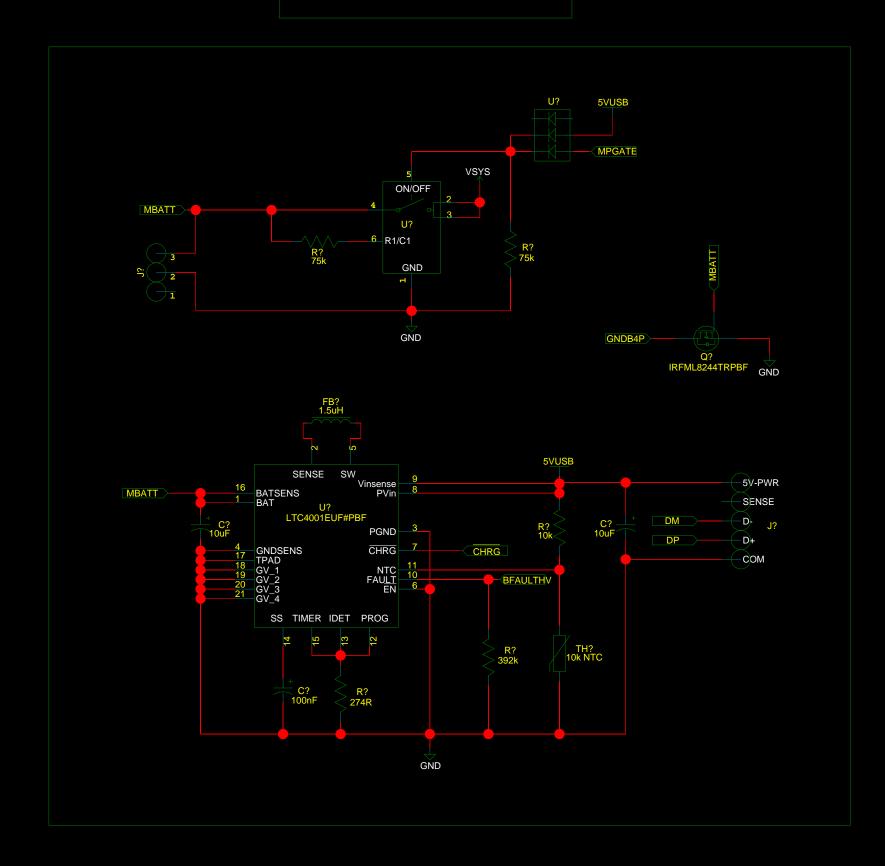
Inputs Ou

USBON
TC
MSWITCH
BFAULTHV
CHRG
VCOMP

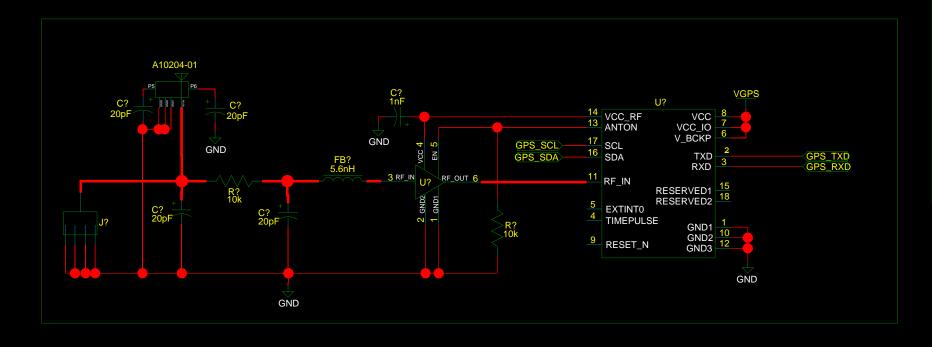
ENSUREPSW-LED_RED-LED_GRN-LED_BLU-EHS6_EN-NRF_EN-GPS_EN-MPGATE

VSYS

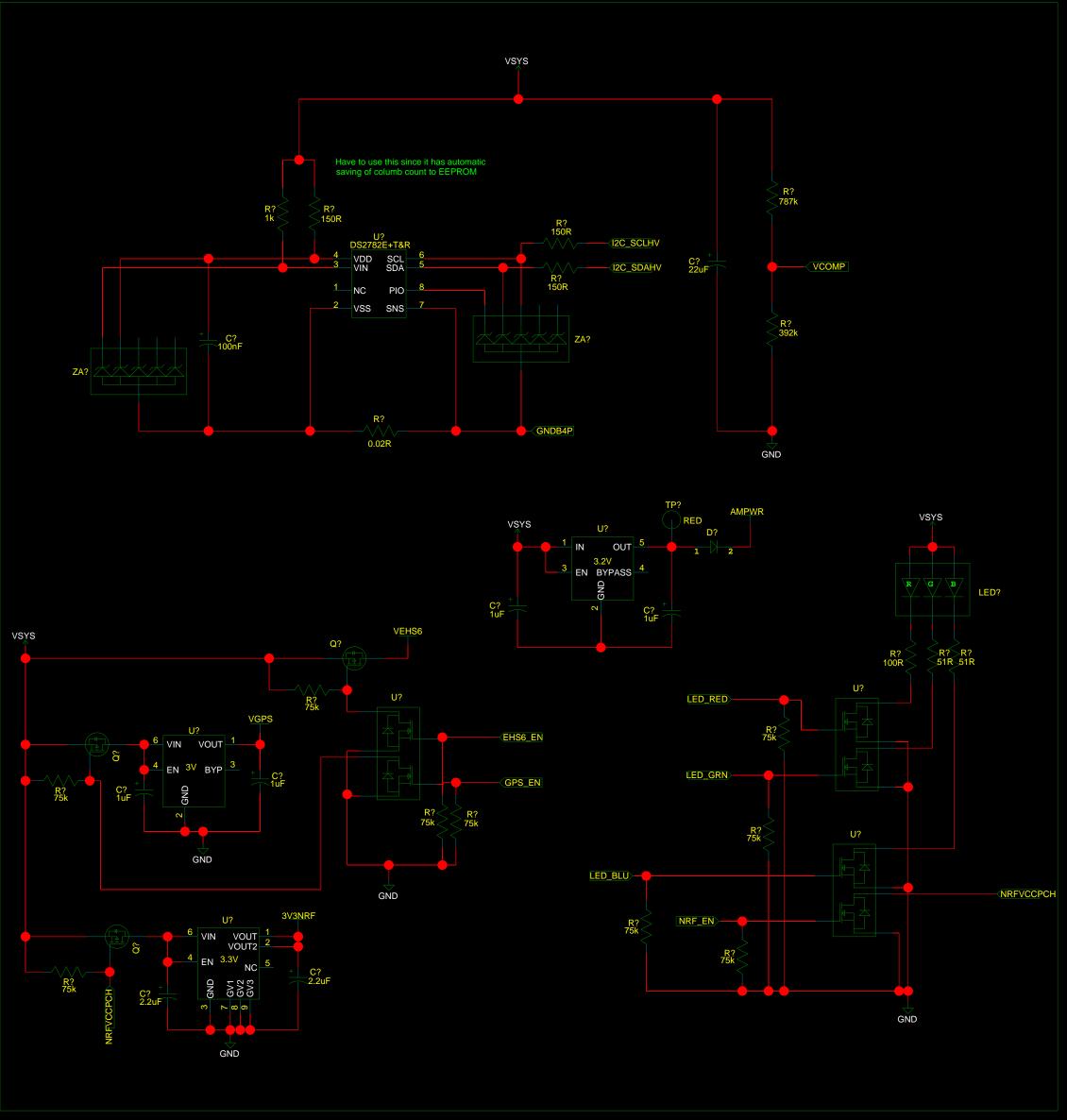
MBATT

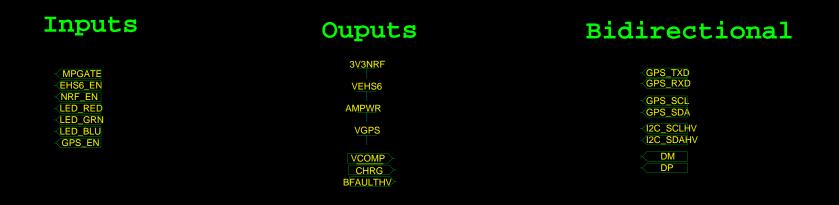


VGPS

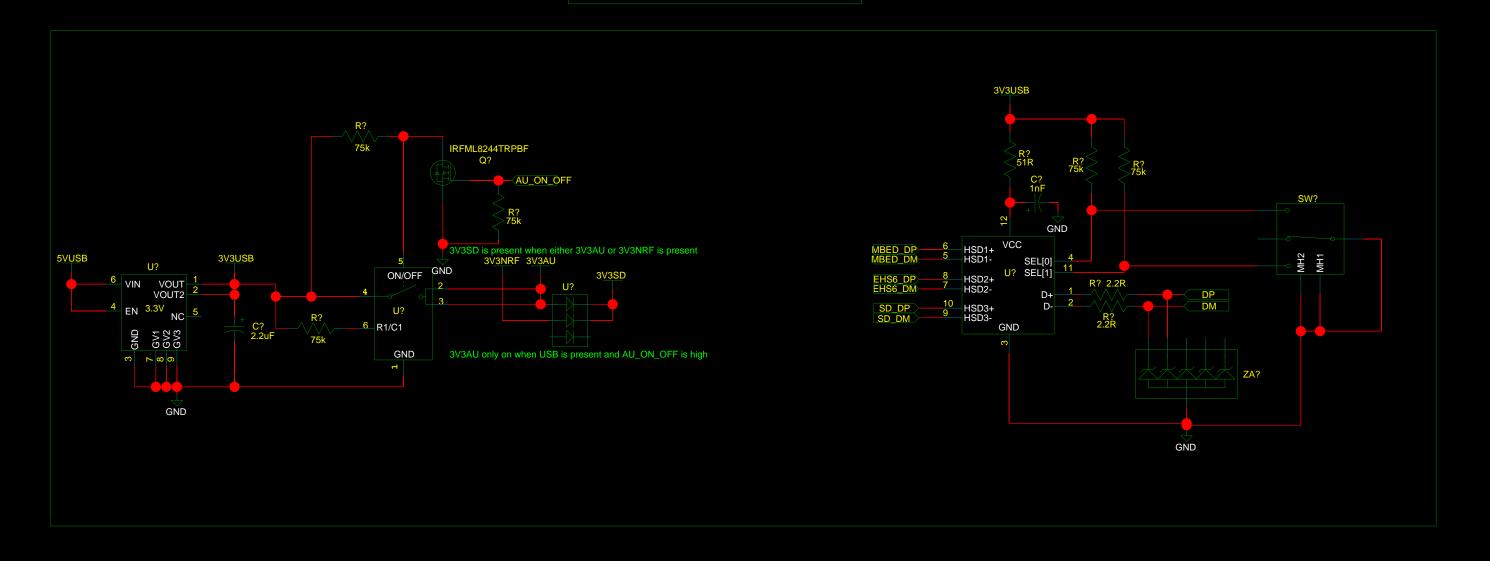


FID? FID? FID?

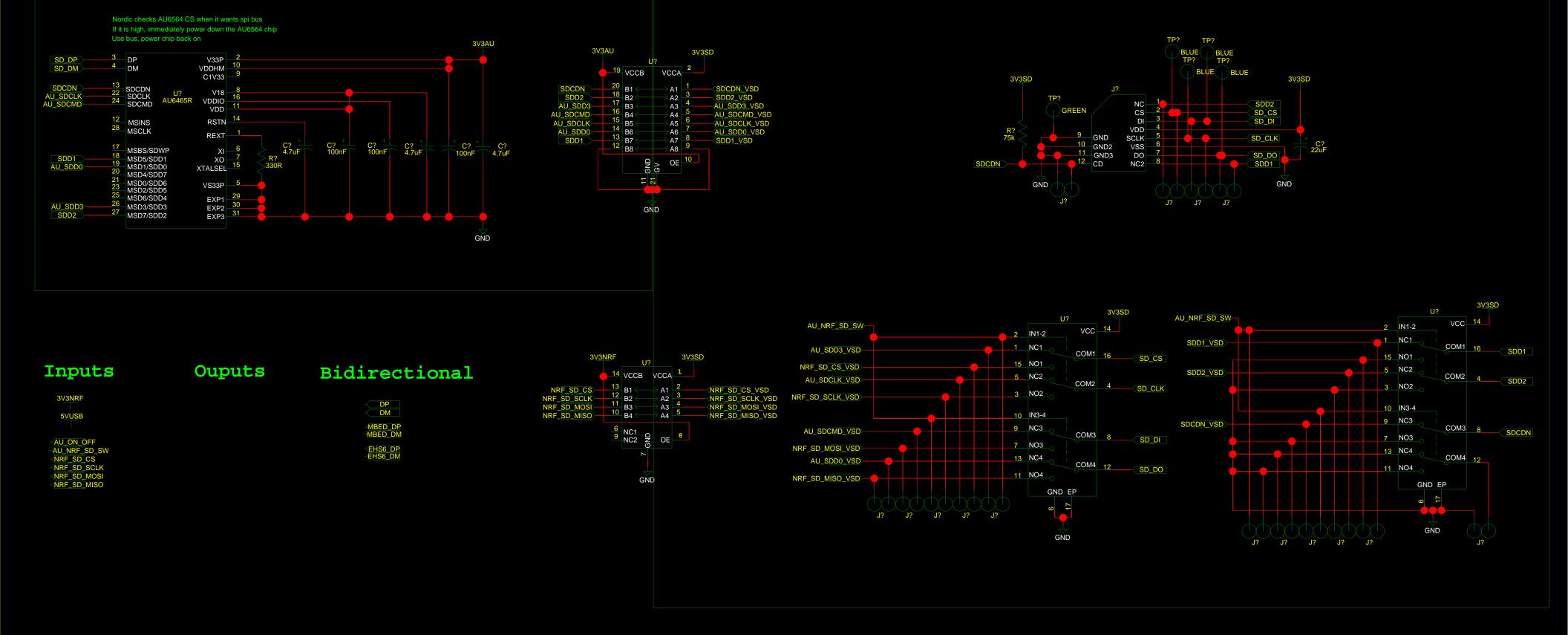




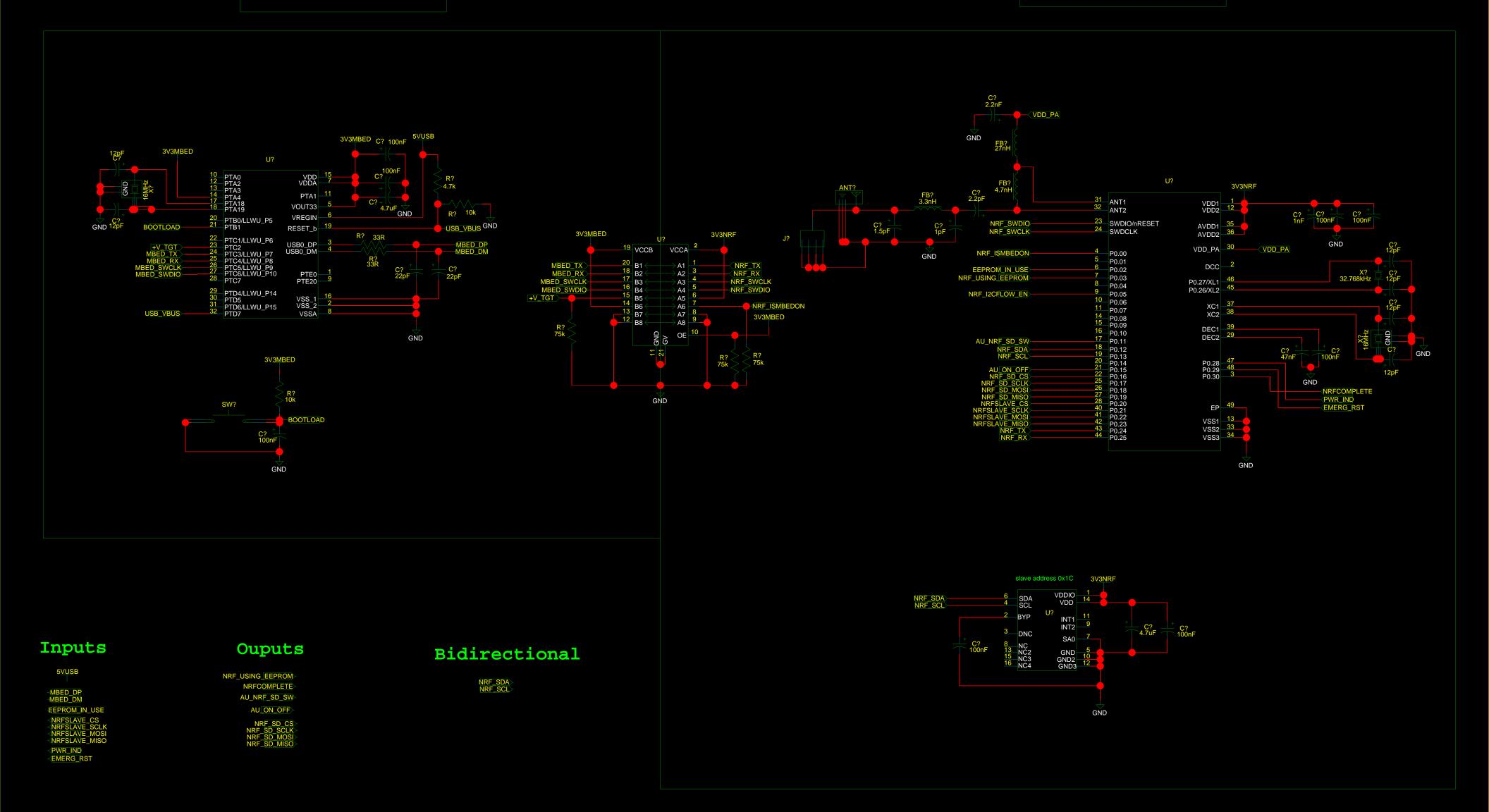
3V3USB



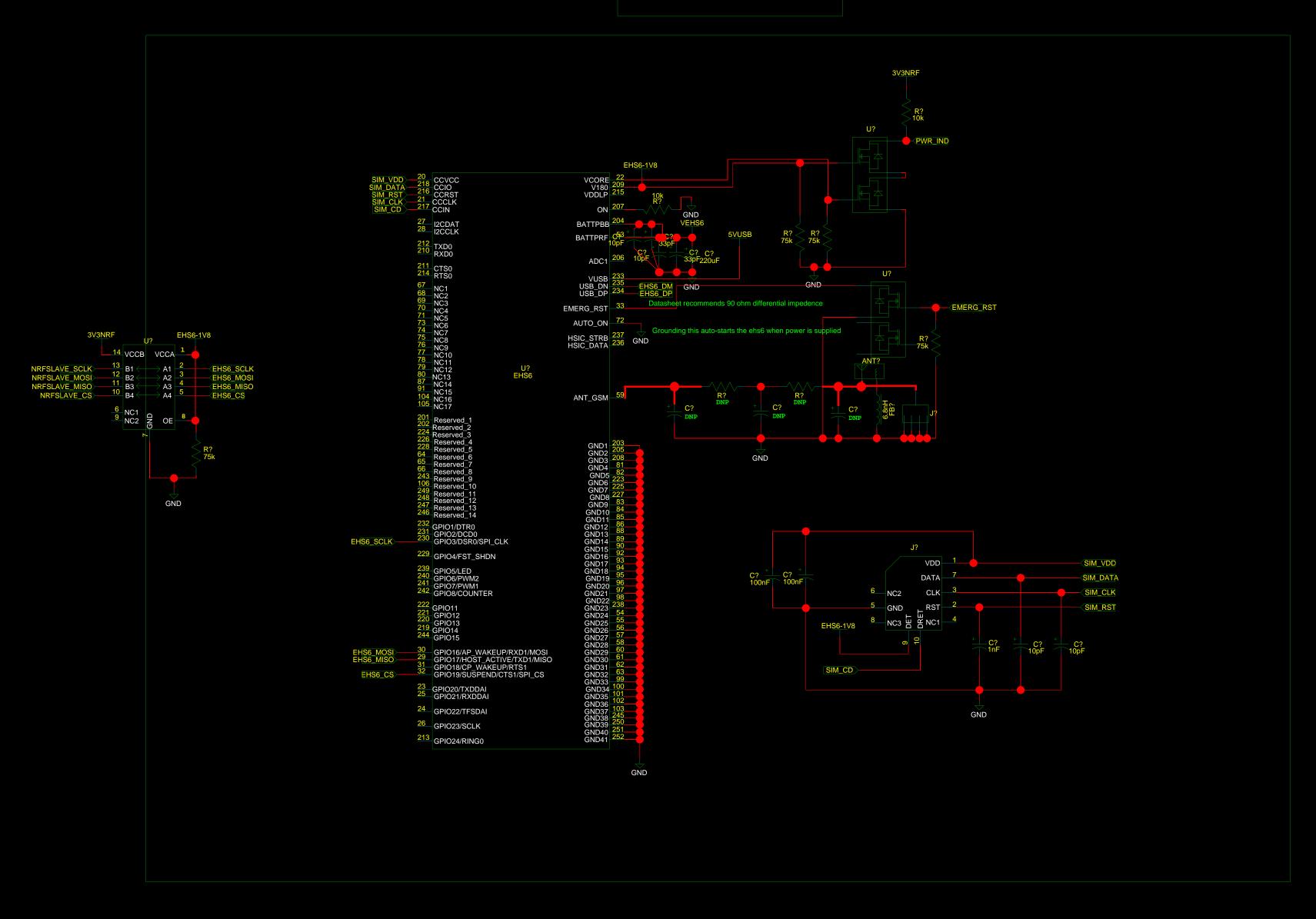
3V3AU 3V3SD



3V3MBED 3V3NRF



VEHS6



Inputs
Ouputs
Bidirectional

*NRFSLAVE_SCLK
*NRFSLAVE_MOSI
*NRFSLAVE_MISO
*NRFSLAVE_CS
*EHS6_DM
*EHS6_DP
*PWR_IND
*EMERG_RST