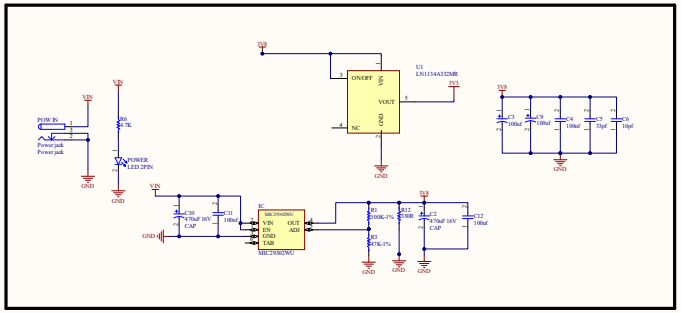
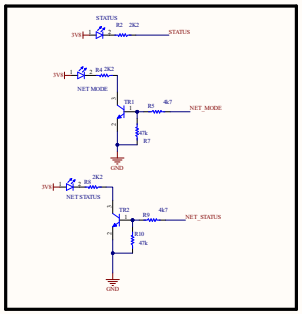
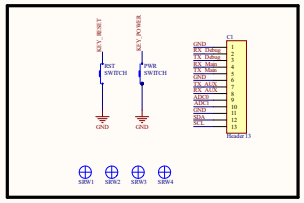
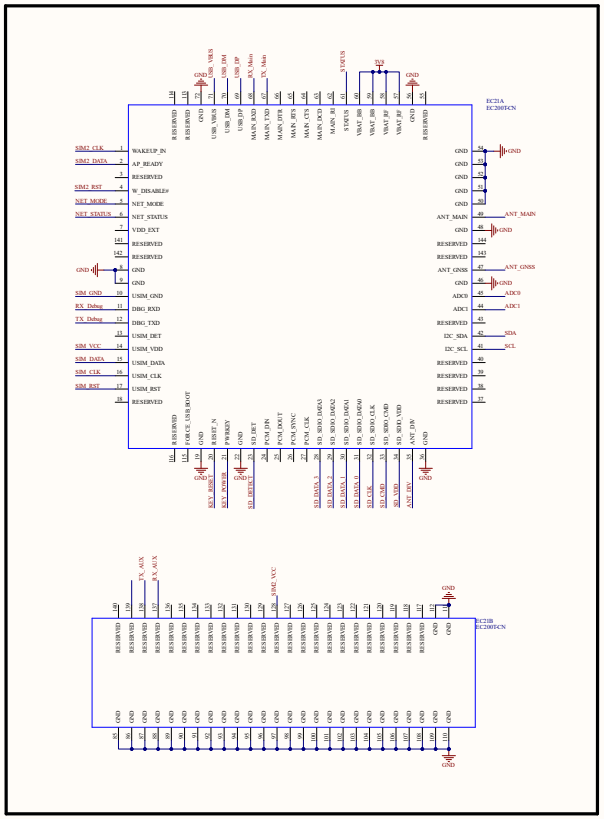
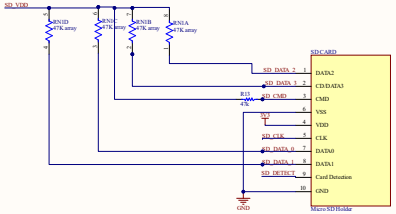
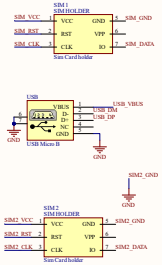

POW IN
Power jack
Power jack
VIN
R6
7K
POWER
LED 2PIN
GND
U1
LN1154A32MR
ON/OFF
VIN
VOUT
NC
GND
3V3
C3
100nf
C9
100nf
C4
100nf
C5
33pf
C6
10pf
IC
MIC29302WU
VIN
EN
GND
TAB
OUT
ADJ
C39
470uF 16V
CAP
C11
100nf
R11
100K-1%
R12
330K
R3
47K-1%
C2
470uF 16V
CAP
C12
100nf

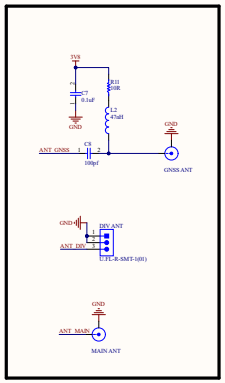
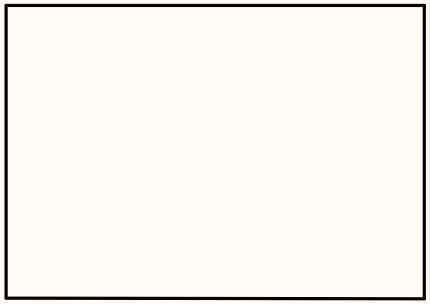

STATUS
R2 2K2
STATUS
3V3
R4 2K2
NET MODE
TR1
R5
4k7
NET_MODE
R7
47k
GND
R6 2K2
NET STATUS
TR2
R9
4k7
NET_STATUS
R10
47k


KEY_RESET
KEY_POWER
RST
SWITCH
PWR
SWITCH
GND
GND
C3
FX_Dubug
TX_Dubug
RX_Main
TX_Main
GND
TX_AUX
RX_AUX
ADC0
ADC1
GND
SDA
SCL
Header 13
SHM1
SHM2
SHM3
SHM4


EC21A
EC200TCN
SIM2_CLK
SIM2_DATA
SIM2_RST
NET_MODE
NET_STATUS
SIM_GND
RX_Dubug
TX_Dubug
SIM_VCC
SIM_DATA
SIM_CLK
SIM_RST
WAKEUP_IN
AP_READY
RESERVED
W_DISABLE#
NET_MODE
NET_STATUS
VDD_EXT
USIM_GND
DBG_RXD
DBG_TXD
USIM_DET
USIM_VDD
USIM_DATA
USIM_CLK
USIM_RST
ANT_MAIN
ANT_GNSS
I2C_SDA
I2C_SCL
SDA
SCL
ADC0
ADC1
GND
3V3
KEY_RESET
KEY_POWER
SD_DETECT
PCM_DIN
PCM_DOUT
PCM_SYNC
PCM_CLK
SD_DATA_3
SD_DATA_2
SD_DATA_1
SD_DATA_0
SD_CLK
SD_CMD
SD_VDD
ANT_DIV
EC21B
EC200TCN
TX_AUX
RX_AUX


SD_VDD
RN1D
47K array
RN1C
47K array
RN1B
47K array
RN1A
47K array
SD_DATA_2
SD_DATA_3
SD_CMD
SD_CLK
SD_DATA_0
SD_DATA_1
SD_DETECT
R13
47K
SDCARD
DATA2
CD/DATA3
CMD
VSS
VDD
CLK
DATA0
DATA1
Card Detection
GND
Micro SD/TFHolder


SIM 1
SIM HOLDER
SIM_VCC
SIM_RST
SIM_CLK
SIM_GND
SIM_DATA
VCC
RST
CLK
GND
VPP
IO
Sim Card Holder
USB
VBUS
D+
D-
NC
GND
USB_VBUS
USB_DM
USB_DP
USB Micro B
SIM 2
SIM HOLDER
SIM2_VCC
SIM2_RST
SIM2_CLK
SIM2_GND
SIM2_DATA
Sim Card Holder


3V3
R11
68K
C7
0.1uF
L2
47nH
GND
ANT_GNSS
C8
100pf
GNSS ANT
DIV_ANT
ANT_DIV
U.FL-R-SMT-1(01)
ANT_MAIN
MAIN ANT