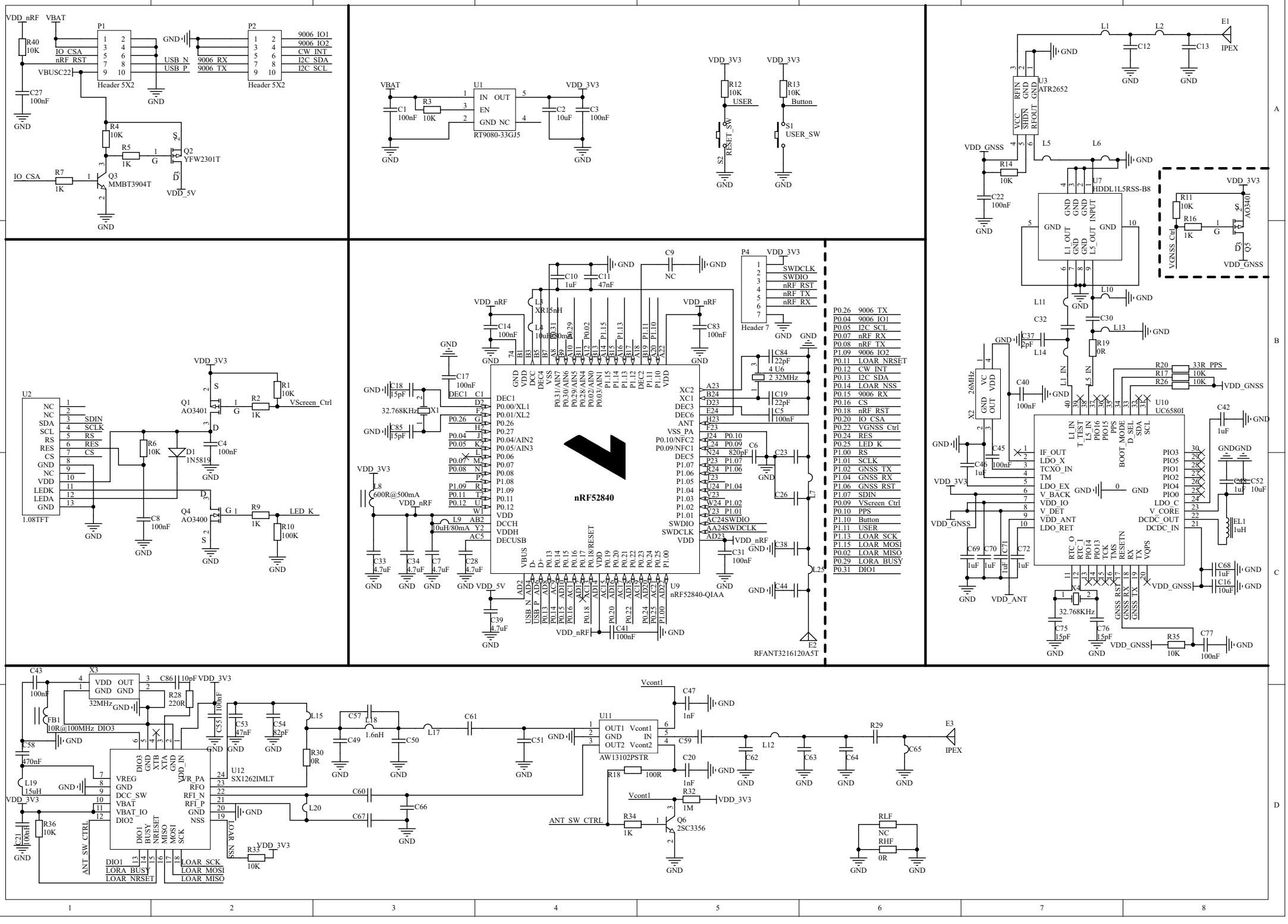

P1
Header 5X2
P2
Header 5X2
U1
RT9080-33GJ5
U2
1.08TFT
U3
ATR2652
U7
HDDL1L5RSS-B8
U10
UC6580I
U9
nRF52840-QIAA
nRF52840
U11
AW13102PSTR
U12
SX1262IMLT
X1
32.768KHz
X2
26MHz
X3
32MHz
X4
32.768KHz
Q1
AO3401
Q2
YFW2301T
Q3
MMBT3904T
Q4
AO3400
Q5
AO3401
Q6
2SC3356
D1
1N5819
E1
IPEX
E2
RFANT3216120A5T
E3
IPEX
Header 7
VDD_3V3
VDD_nRF
VDD_GNSS
VDD_5V
VBAT
GND
VBUSC22
IO_CSA
nRF_RST
USB_N
USB_P
9006_RX
9006_TX
9006_IO1
9006_IO2
CW_INT
I2C_SDA
I2C_SCL
USER
Button
RESET_SW
USER_SW
SDIN
SCLK
RS
RES
CS
LEDK
LEDA
VScreen_Ctrl
LED_K
SWDCLK
SWDIO
nRF_RST
nRF_TX
nRF_RX
VGNSS_Ctrl
ANT_SW_CTRL
LORA_SCK
LORA_MOSI
LORA_MISO
LORA_BUSY
LORA_NRESET
DIO1
DIO3
P0.26 9006_TX
P0.04 9006_IO1
P0.05 I2C_SCL
P0.07 nRF_RX
P0.08 nRF_TX
P1.09 9006_IO2
P1.11 LOAR_NRSET
P0.12 CW_INT
P0.13 I2C_SDA
P0.14 LOAR_NSS
P0.15 9006_RX
P0.16 CS
P0.18 nRF_RST
P0.20 IO_CSA
P0.22 VGNSS_Ctrl
P0.24 RES
P0.25 LED_K
P1.00 RS
P1.01 SCLK
P1.02 GNSS_TX
P1.04 GNSS_RX
P1.06 GNSS_RST
P1.07 SDIN
P0.09 VScreen_Ctrl
P0.10 PPS
P1.10 Button
P1.11 USER
P1.13 LOAR_SCK
P1.15 LOAR_MOSI
P0.02 LOAR_MISO
P0.29 LORA_BUSY
P0.31 DIO1