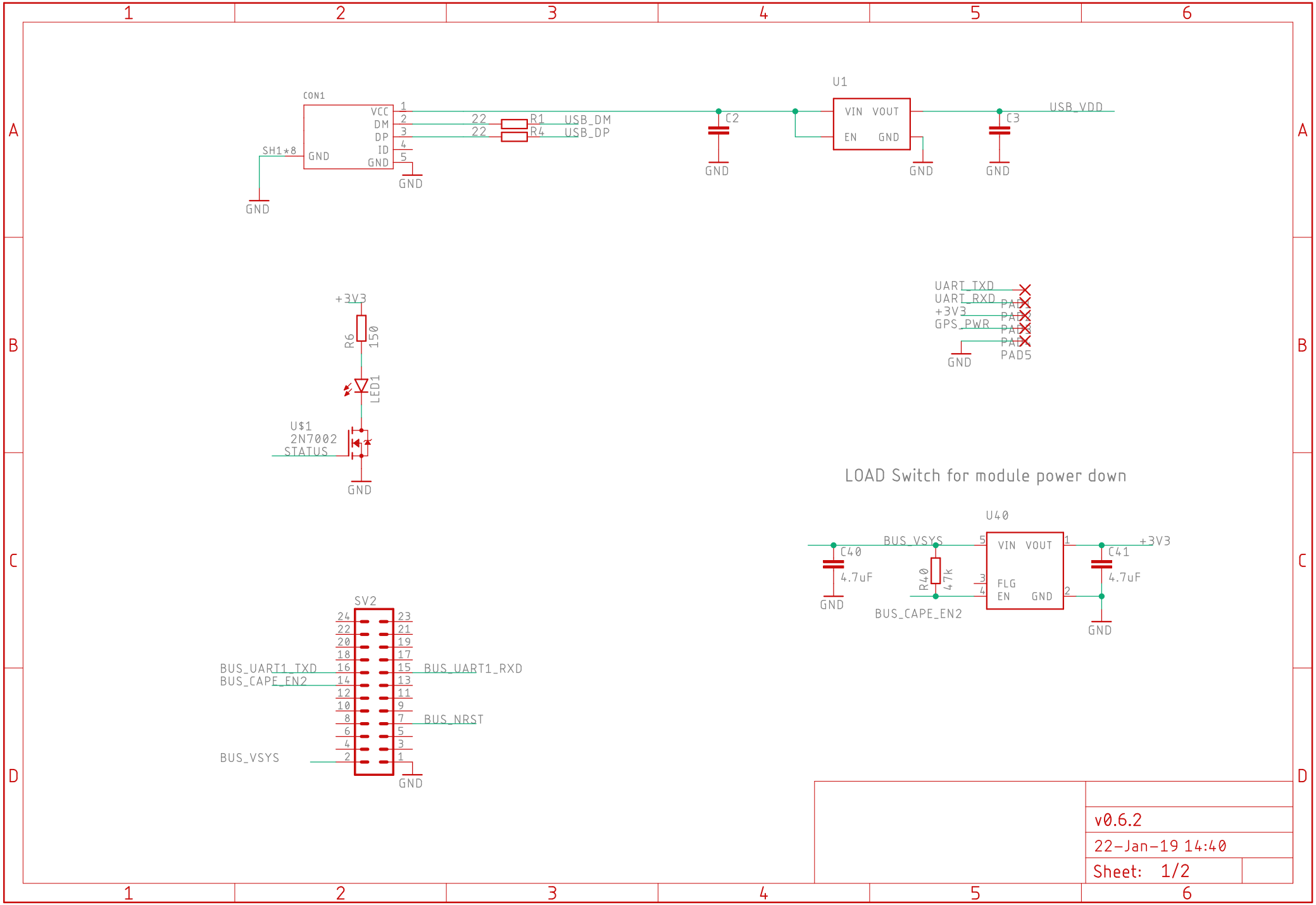
CON1
VCC
DM
DP
ID
GND
GND
SH1*8
GND
22
22
R1
R4
USB_DM
USB_DP
C2
GND
U1
VIN
VOUT
EN
GND
GND
C3
GND
USB_VDD
+3V3
R6
150
LED1
U$1
2N7002
STATUS
GND
UART_TXD
UART_RXD
+3V3
GPS_PWR
GND
PAD5
LOAD Switch for module power down
U40
BUS_VSYS
C40
4.7uF
GND
R40
47k
BUS_CAPE_EN2
VIN
VOUT
FLG
EN
GND
C41
4.7uF
+3V3
GND
SV2
BUS_UART1_TXD
BUS_CAPE_EN2
BUS_UART1_RXD
BUS_NRST
BUS_VSYS
GND
v0.6.2
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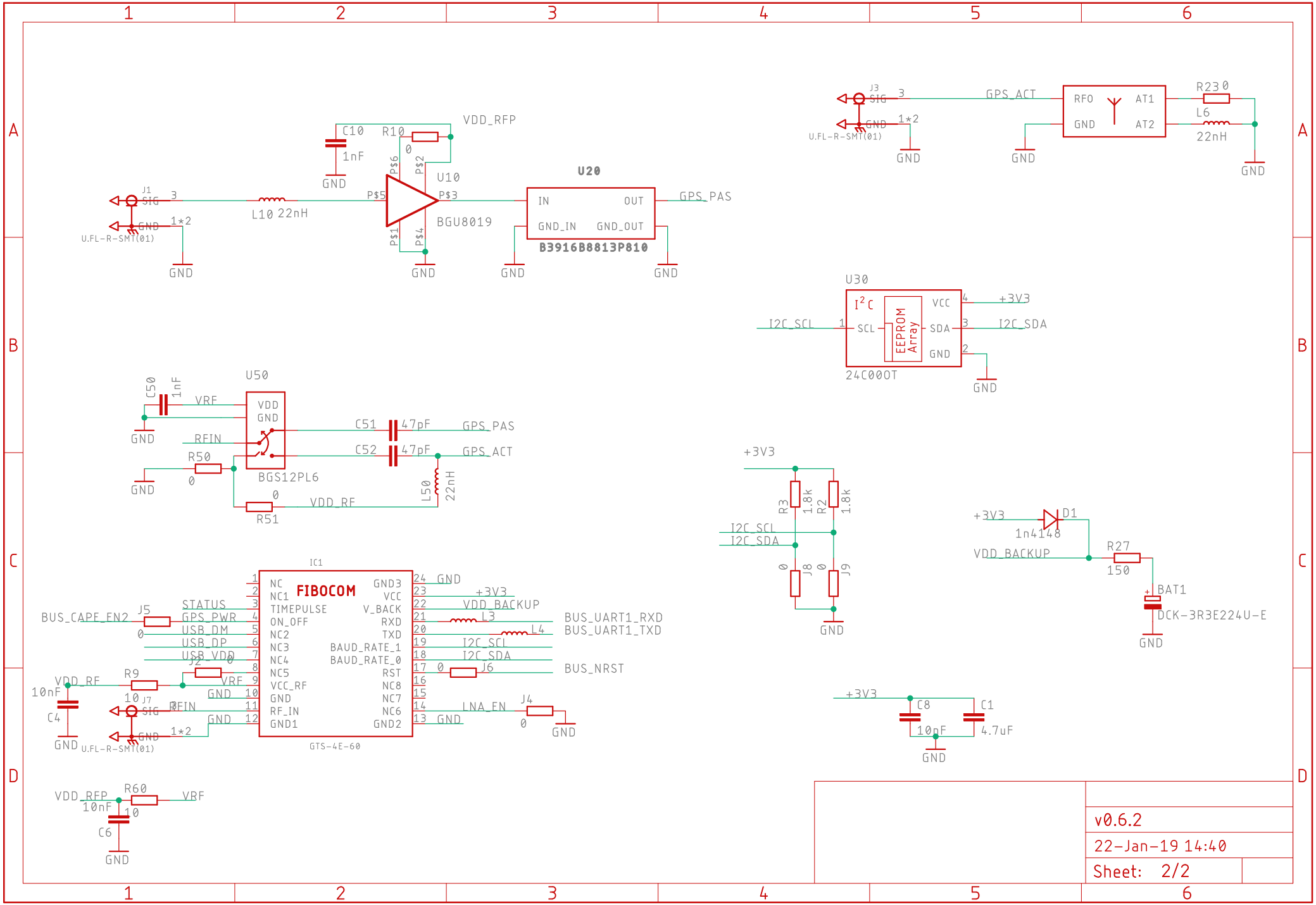
Sheet: 1/2


J1
SIG
GND
U.FL-R-SMT(01)
L10 22nH
C10
1nF
R10
VDD_RFP
U10
BGU8019
P$5
P$3
P$6
P$2
P$1
P$4
U20
IN
OUT
GND_IN
GND_OUT
B3916B8813P810
GPS_PAS
J3
GPS_ACT
RFO
GND
AT1
AT2
R23 0
L6
22nH
U30
I²C
EEPROM Array
VCC
SDA
SCL
24C00OT
I2C_SCL
I2C_SDA
+3V3
U50
VDD
GND
BGS12PL6
C50
1nF
VRF
RFIN
R50
R51
C51
47pF
C52
47pF
L50
22nH
VDD_RF
IC1
FIBOCOM
NC
NC1
TIMEPULSE
ON_OFF
NC2
NC3
NC4
NC5
VCC_RF
GND
RF_IN
GND1
GND3
VCC
V_BACK
RXD
TXD
BAUD_RATE_1
BAUD_RATE_0
RST
NC8
NC7
NC6
GND2
STATUS
GPS_PWR
USB_DM
USB_DP
USB_VDD
BUS_CAPE_EN2
J5
J2
R9
10nF
C4
J7
L3
L4
VDD_BACKUP
BUS_UART1_RXD
BUS_UART1_TXD
J6
BUS_NRST
LNA_EN
J4
GTS-4E-60
R3
1.8k
R2
1.8k
J8
J9
D1
1n4148
R27
150
BAT1
DCK-3R3E224U-E
C8
10nF
C1
4.7uF
R60
C6
v0.6.2
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Sheet: 2/2