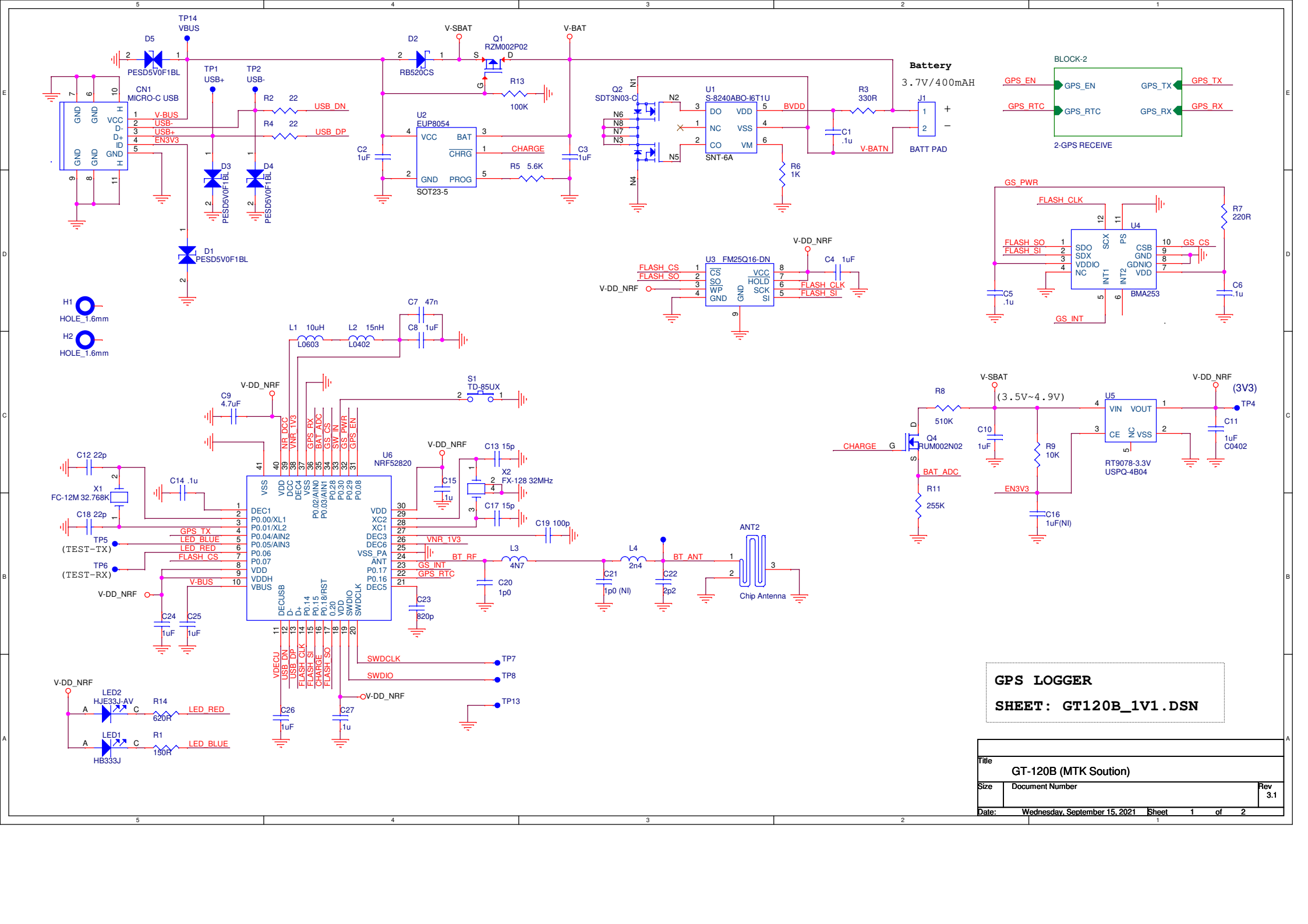
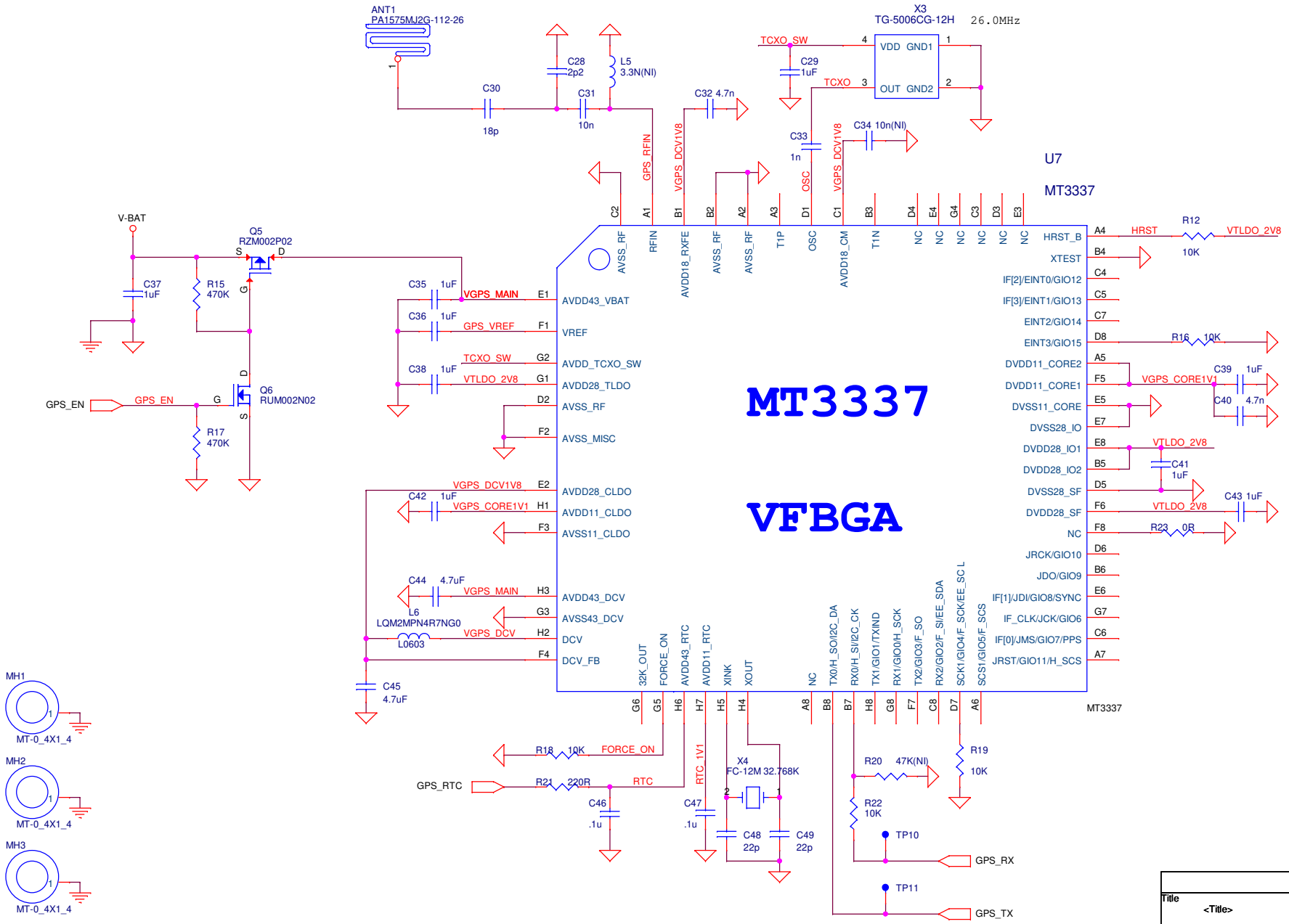

TP14
VBUS
D5
PESD5V0F1BL
CN1
MICRO-C USB
V-BUS
USB-
USB+
EN3V3
TP1
USB+
TP2
USB-
R2 22
R4 22
USB_DN
USB_DP
D3
PESD5V0F1BL
D4
PESD5V0F1BL
D1
PESD5V0F1BL
D2
RB520CS
V-SBAT
Q1
RZM002P02
R13
100K
V-BAT
U2
EUP8054
SOT23-5
C2
1uF
C3
1uF
CHARGE
R5 5.6K
Q2
SDT3N03-C
U1
S-8240ABO-I6T1U
SNT-6A
R3
330R
C1
.1u
BVDD
V-BATN
R6
1K
Battery
3.7V/400mAH
J1
BATT PAD
BLOCK-2
GPS_EN
GPS_RTC
GPS_TX
GPS_RX
2-GPS RECEIVE
GS_PWR
FLASH_CLK
U4
BMA253
FLASH_SO
FLASH_SI
GS_CS
GS_INT
R7
220R
C5
.1u
C6
.1u
U3 FM25Q16-DN
V-DD_NRF
C4 1uF
H1
HOLE_1.6mm
H2
HOLE_1.6mm
L1 10uH
L0603
L2 15nH
L0402
C7 47n
C8 1uF
C9
4.7uF
S1
TD-85UX
U6
NRF52820
C12 22p
C14 .1u
X1
FC-12M 32.768K
C18 22p
C13 15p
X2
FX-128 32MHz
C17 15p
C15
.1u
C19 100p
L3
4N7
L4
2n4
C20
1p0
C21
1p0 (NI)
C22
2p2
ANT2
Chip Antenna
BT_RF
BT_ANT
C23
820p
C24
1uF
C25
1uF
TP5
(TEST-TX)
TP6
(TEST-RX)
SWDCLK
SWDIO
TP7
TP8
TP13
C26
1uF
C27
.1u
LED2
HJE33J-AV
R14
620R
LED_RED
LED1
HB333J
R1
150R
LED_BLUE
R8
510K
Q4
RUM002N02
CHARGE
BAT_ADC
R11
255K
C10
1uF
R9
10K
EN3V3
C16
1uF(NI)
U5
RT9078-3.3V
USPQ-4B04
(3.5V~4.9V)
(3V3)
TP4
C11
1uF
C0402
GPS LOGGER
SHEET: GT120B_1V1.DSN
Title
GT-120B (MTK Soution)
Size
Document Number
Rev
3.1
Date: Wednesday, September 15, 2021
Sheet 1 of 2



Title	<Title>	
Size B	Document Number <Doc>	Rev
Date: Wednesday, September 15, 2021	Sheet 2 of 2	