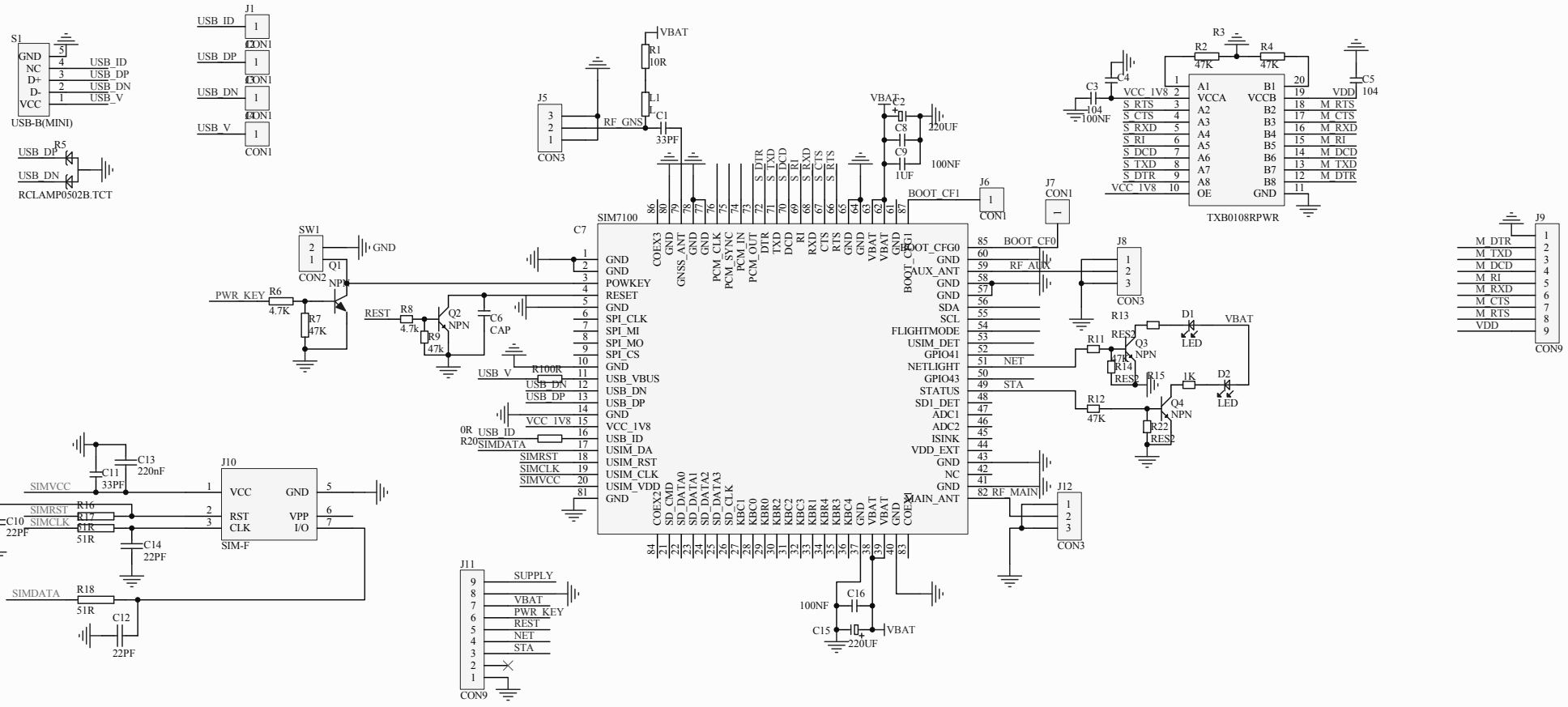

S1
GND
NC
D+
D-
VCC
USB_ID
USB_DP
USB_DN
USB_V
USB-B(MINI)
J1
CON1
R5
RCLAMP0502B.TCT
J5
CON3
RF_GNS
R1
10R
L1
L
C1
33PF
VBAT
C2
220UF
C8
C9
1UF
100NF
SW1
CON2
Q1
NPN
PWR_KEY
R6
4.7K
R7
47K
REST
R8
4.7k
Q2
NPN
R9
47k
C6
CAP
C7
SIM7100
R100R
0R
R20
SIMDATA
SIMRST
SIMCLK
SIMVCC
BOOT_CF1
J6
J7
CON1
BOOT_CFG0
RF_AUX
RF_MAIN
NET
STA
NETLIGHT
STATUS
FLIGHTMODE
USIM_DET
SD1_DET
ADC1
ADC2
ISINK
VDD_EXT
J8
J12
R3
R2
47K
R4
47K
C4
C3
104
100NF
C5
104
TXB0108RPWR
VCC_1V8
S_RTS
S_CTS
S_RXD
S_RI
S_DCD
S_TXD
S_DTR
M_RTS
M_CTS
M_RXD
M_RI
M_DCD
M_TXD
M_DTR
VDD
J9
CON9
R13
R11
R14
Q3
NPN
D1
LED
R15
1K
D2
LED
R12
47K
Q4
NPN
R22
C13
220nF
C11
33PF
C10
22PF
R16
R17
51R
C14
22PF
J10
SIM-F
VCC
RST
CLK
GND
VPP
I/O
R18
51R
C12
22PF
J11
CON9
SUPPLY
VBAT
PWR_KEY
REST
NET
STA
C16
100NF
C15
220UF
10uf
C18
C17
CAP
R24
100K
C21
10F
J13
PWREN
C19
100NF
MP1482
EN
SS
GND
IN
COMP
BS
SW
GND
FB
L2
L_SOB
R28
0R
31K2
R27
R26
10K
C20
3.3NF
R25
2K2
C22
10UF
VBAT
D4
LED
D3
SMBJ5.0A
TUNNEL
R23
1K
Title
Size
B
Number
Revision
Date:
2017-03-30
Sheet of
File:
F:\TB\..\V1.0.Sch
Drawn By: