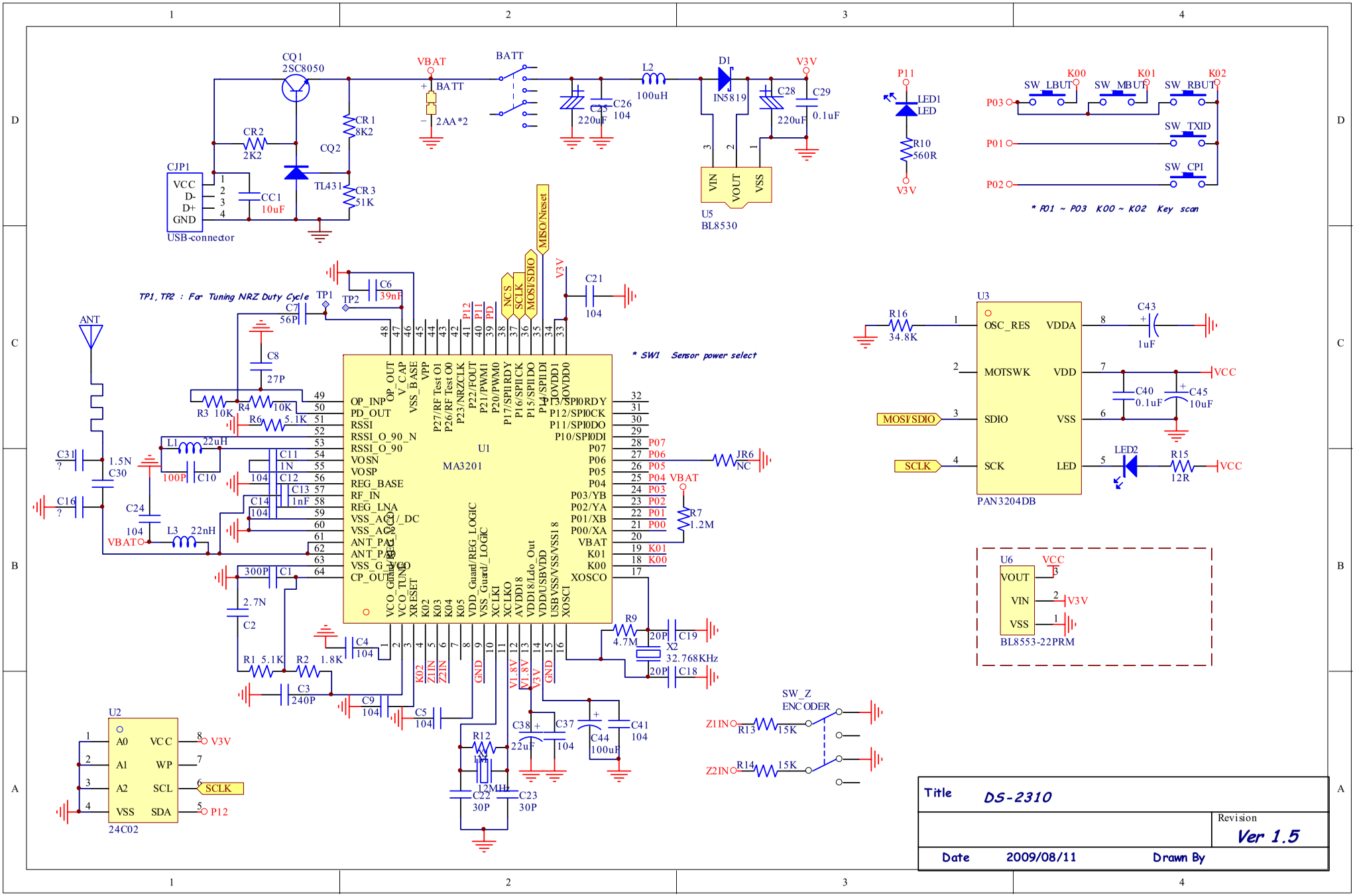
CQ1
2SC8050
VBAT
BATT
2AA*2
CR2
2K2
CR1
8K2
CQ2
TL431
CR3
51K
CC1
10uF
CJP1
VCC
D-
D+
GND
USB-connector
C26
104
C25
220uF
L2
100uH
D1
IN5819
C28
220uF
C29
0.1uF
V3V
VIN
VOUT
VSS
U5
BL8530
P11
LED1
LED
R10
560R
V3V
K00
K01
K02
SW_LBUT
SW_MBUT
SW_RBUT
P03
SW_TXID
P01
SW_CPI
P02
* P01 ~ P03 K00 ~ K02 Key scan
TP1, TP2 : For Tuning NRZ Duty Cycle
TP1
TP2
C6
39nF
C7
56P
C8
27P
ANT
R3 10K
R4 10K
R6 5.1K
L1 22uH
100P
C10
C31
?
1.5N
C30
C16
?
C24
104
VBAT
L3 22nH
C11
1N
C12
C13
1nF
C14
104
300P
C1
2.7N
C2
R1 5.1K
R2 1.8K
C3
240P
C4
104
C9
104
C5
104
NCS
SCLK
MOSI/SDIO
MISO/Nreset
V3V
C21
104
U1
MA3201
OP_INP
PD_OUT
RSSI
RSSI_O_90_N
RSSI_O_90
VOSN
VOSP
REG_BASE
RF_IN
REG_LNA
VSS_AGC1/_DC
VSS_AGC2
ANT_PAD
ANT_PAD
VSS_G_VCO
CP_OUT
OP_OUT
V_CAP
VSS_BASE
VPP
P27/RF Test O1
P26/RF Test O0
P23/NRZCLK
P22/FOUT
P21/PWM1
P20/PWM0
P17/SPI1RDY
P16/SPI1CK
P15/SPI1DO
P14/SPI1DI
P13/SPI0RDY
P12/SPI0CK
P11/SPI0DO
P10/SPI0DI
P07
P06
P05
P04
P03/YB
P02/YA
P01/XB
P00/XA
VBAT
K01
K00
XOSCO
VCO_Guard/_VCO
VCO_TUNE
XRESET
K02
K03
K04
K05
VDD_Guard/REG_LOGIC
VSS_Guard/_LOGIC
XCLKI
XCLKO
AVDD18
VDD18/Ldo_Out
VDD/USBVDD
USBVSS/VSS/VSS18
XOSCI
P07
P06
P05
P04
P03
P02
P01
P00
K01
K00
JR6
NC
R7
1.2M
R9
4.7M
20P
C19
X2
32.768KHz
20P
C18
K02
Z1IN
Z2IN
GND
V1.8V
V1.8V
V3V
GND
C38
22uF
C37
104
C44
100uF
C41
104
R12
1M
12MHz
C22
30P
C23
30P
* SW1 Sensor power select
U3
OSC_RES
MOTSWK
SDIO
SCK
VDDA
VDD
VSS
LED
R16
34.8K
C43
1uF
VCC
C40
0.1uF
C45
10uF
MOSI/SDIO
SCLK
LED2
R15
12R
VCC
PAN3204DB
U6
VCC
VOUT
VIN
VSS
V3V
BL8553-22PRM
U2
A0
A1
A2
VSS
VCC
WP
SCL
SDA
V3V
SCLK
P12
24C02
SW_Z
ENCODER
Z1IN
R13
15K
Z2IN
R14
15K
Title
DS-2310
Revision
Ver 1.5
Date
2009/08/11
Drawn By