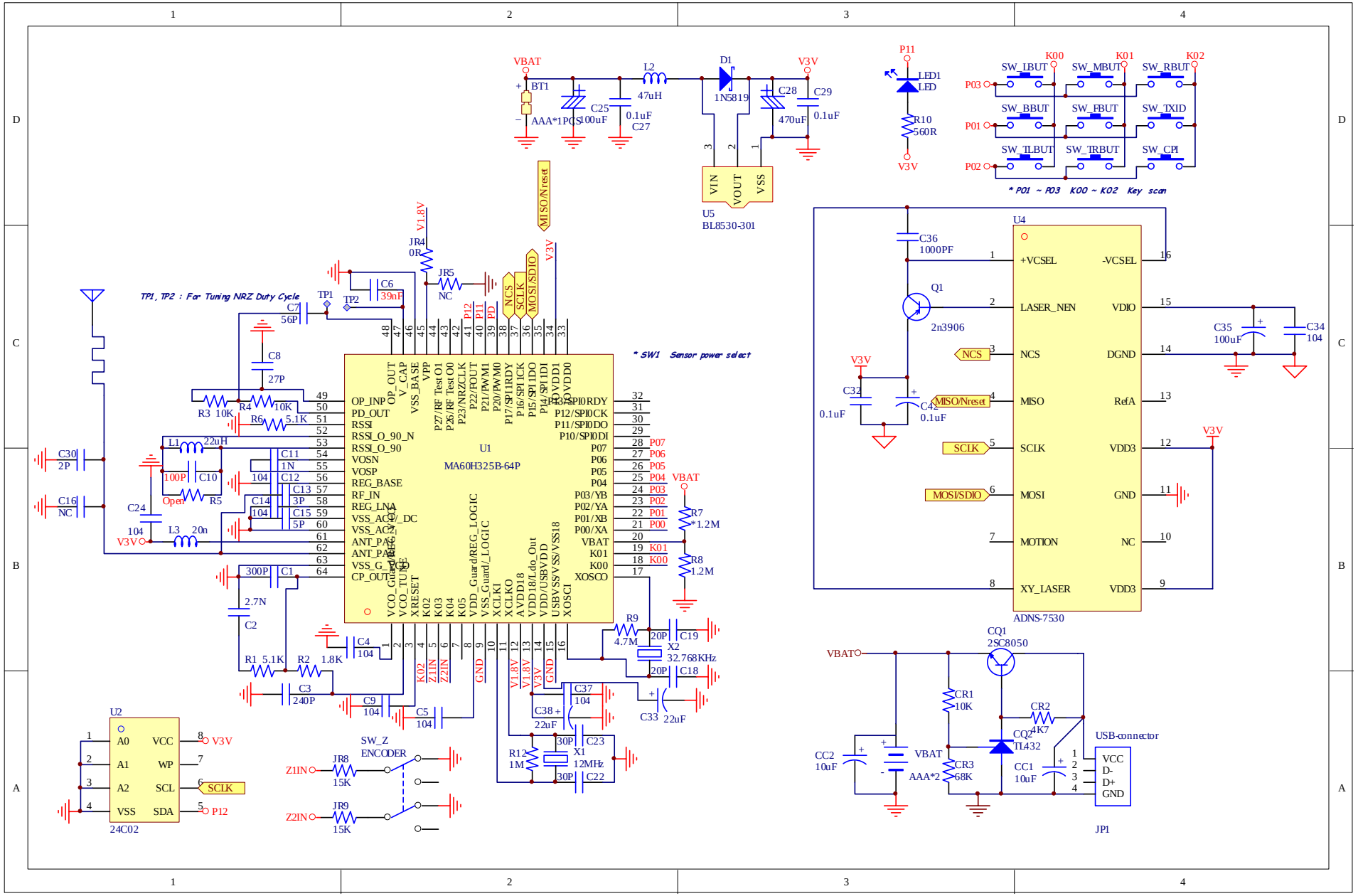
VBAT
BT1
AAA*1PCS
C25
100uF
C27
0.1uF
L2
47uH
D1
1N5819
V3V
C28
470uF
C29
0.1uF
U5
BL8530-301
VIN
VOUT
VSS
P11
LED1
LED
R10
560R
SW_LBUT
SW_MBUT
SW_RBUT
SW_BBUT
SW_FBUT
SW_TXID
SW_TLBUT
SW_TRBUT
SW_CPI
K00
K01
K02
P03
P01
P02
* P01 ~ P03 K00 ~ K02 Key scan
MISO/Nreset
V1.8V
JR4
0R
JR5
NC
C6
39nF
NCS
SCLK
MOSI/SDIO
TP1, TP2 : For Tuning NRZ Duty Cycle
TP1
TP2
C7
56P
C8
27P
R3 10K
R4 10K
R6 5.1K
L1 22uH
C10
100P
R5
Open
C11
1N
C12
C13
3P
C14
C15
5P
C30
2P
C16
NC
C24
104
L3 20n
300P
C1
2.7N
C2
R1 5.1K
R2 1.8K
C3
240P
C4
104
C9
104
C5
104
U1
MA60H325B-64P
* SW1 Sensor power select
R7
*1.2M
R8
1.2M
R9
4.7M
C19
20P
X2
32.768KHz
C18
20P
C33
22uF
C37
104
C38
22uF
C23
30P
X1
12MHz
C22
30P
R12
1M
U2
24C02
A0
A1
A2
VSS
VCC
WP
SCL
SDA
SW_Z
ENCODER
Z1IN
Z2IN
JR8
15K
JR9
15K
U4
ADNS-7530
C36
1000PF
Q1
2n3906
C32
0.1uF
C4
0.1uF
+VCSEL
-VCSEL
LASER_NEN
VDIO
NCS
DGND
MISO
RefA
SCLK
VDD3
MOSI
GND
MOTION
NC
XY_LASER
VDD3
C35
100uF
C34
104
CQ1
2SC8050
CR1
10K
CR2
4K7
CQ2
TL432
CR3
68K
CC2
10uF
CC1
10uF
AAA*2
USB-connector
VCC
D-
D+
GND
JP1