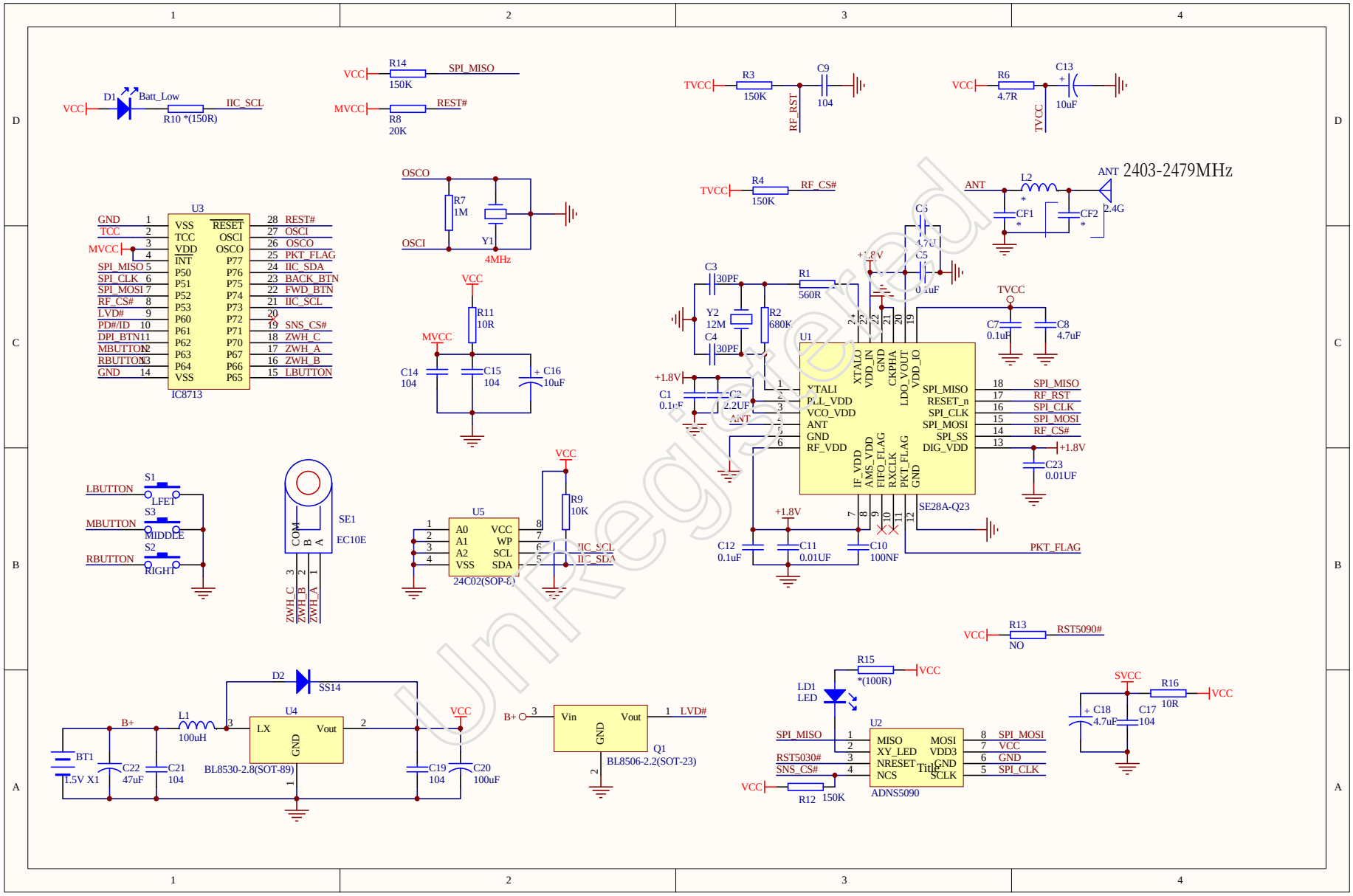
VCC
D1
Batt_Low
R10 *(150R)
IIC_SCL
R14
150K
SPI_MISO
MVCC
R8
20K
REST#
TVCC
R3
150K
RF_RST
C9
104
R6
4.7R
C13
10uF
TVCC
U3
IC8713
GND
TCC
MVCC
SPI_MISO
SPI_CLK
SPI_MOSI
RF_CS#
LVD#
PD#/ID
DPI_BTN
MBUTTON
RBUTTON
GND
VSS
TCC
VDD
INT
P50
P51
P52
P53
P60
P61
P62
P63
P64
VSS
RESET
OSCI
OSCO
P77
P76
P75
P74
P73
P72
P71
P70
P67
P66
P65
REST#
OSCI
OSCO
PKT_FLAG
IIC_SDA
BACK_BTN
FWD_BTN
IIC_SCL
SNS_CS#
ZWH_C
ZWH_A
ZWH_B
LBUTTON
OSCO
R7
1M
OSCI
Y1
4MHz
VCC
R11
10R
MVCC
C14
104
C15
104
C16
10uF
TVCC
R4
150K
RF_CS#
ANT
L2
CF1
CF2
ANT
2403-2479MHz
2.4G
C5
4.7U
C5
0.1uF
+1.8V
C3
30PF
R1
560R
Y2
12M
R2
680K
C4
30PF
TVCC
C7
0.1uF
C8
4.7uF
U1
XTALO
VDD_IN
GND
CKPHA
LDO_VOUT
VDD_IO
XTALI
PLL_VDD
VCO_VDD
ANT
GND
RF_VDD
SPI_MISO
RESET_n
SPI_CLK
SPI_MOSI
SPI_SS
DIG_VDD
IF_VDD
AMS_VDD
FIFO_FLAG
RXCLK
PKT_FLAG
GND
SPI_MISO
RF_RST
SPI_CLK
SPI_MOSI
RF_CS#
+1.8V
C23
0.01UF
+1.8V
C1
0.1uF
C2
2.2UF
ANT
SE28A-Q23
C12
0.1uF
C11
0.01UF
C10
100NF
PKT_FLAG
LBUTTON
S1
LFET
MBUTTON
S3
MIDDLE
RBUTTON
S2
RIGHT
SE1
EC10E
COM
B
A
ZWH_C
ZWH_B
ZWH_A
VCC
R9
10K
U5
24C02(SOP-8)
A0
A1
A2
VSS
VCC
WP
SCL
SDA
IIC_SCL
IIC_SDA
VCC
R13
NO
RST5090#
D2
SS14
B+
L1
100uH
U4
LX
Vout
GND
BL8530-2.8(SOT-89)
BT1
1.5V X1
C22
47uF
C21
104
VCC
C19
104
C20
100uF
B+
Vin
Vout
GND
LVD#
Q1
BL8506-2.2(SOT-23)
R15
*(100R)
VCC
LD1
LED
U2
MISO
XY_LED
NRESET
NCS
MOSI
VDD3
GND
SCLK
SPI_MISO
RST5030#
SNS_CS#
SPI_MOSI
VCC
GND
SPI_CLK
VCC
R12
150K
ADNS5090
SVCC
R16
10R
VCC
C18
4.7uF
C17
104
Title
Unregistered