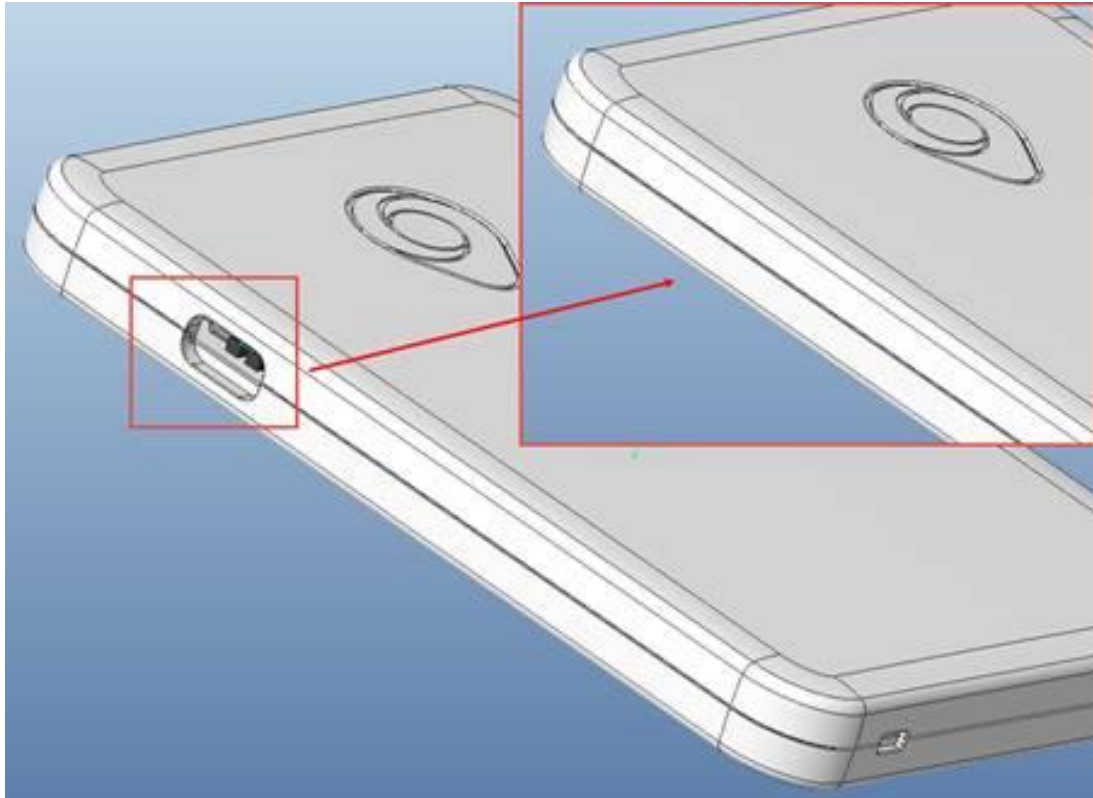# K-2 Difference statement

K-2 modify:

1. Appearance change:

   There are no changes in the material, only the appearance changes: as shown below
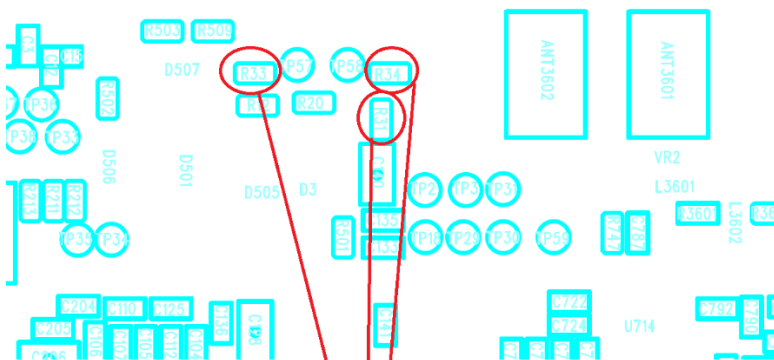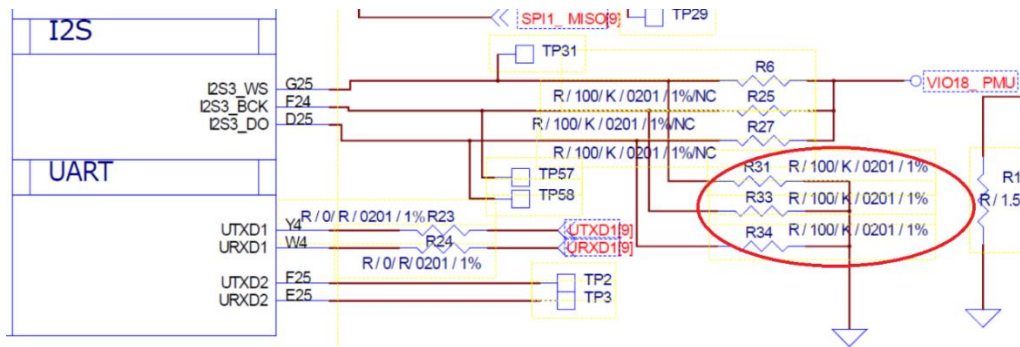
2. Modify PCBA(Modify K-2 For 0.2C PCB)

The following modifications and RF signals have no effect, that is, U6 (motion sensing chip) is removed, R18 is removed, D3 is removed, R32 & R24 is 0Ω, and R35, R36, R37, R38 are added, and R31, R33, R34, R6, R25 are added. , R27 to confirm the hardware version

    1. Added 3 resistors to confirm the version,R31,R33,R34,

|			
1	WT2N	Hardware Ver. Control	Add pull low resistance to check HW Ver. MTK U402 I2S3_WS(G25), I2S3_BCK(F24),I2S3_DO(D25), PCB version,PULL HIGH100KΩ,VIO18_PMU, with PULL LOW 100KΩ to GND Actually the pieces are: U402_I2S3_WS(G25),PULL LOW U402_I2S3_BCK(F24),PULL LOW U402_I2S3_DO(D25),PULL LOW

R31,R33,R34

2	WT2N	Power Leakage When Off Siwitch	Add pull low resistance to shut down VBATT power Because it cannot be completely shut down, it must be 1.Q3's G PIN parallel 10KΩ to GND 2.Q160's G PIN parallel 10KΩ to GND 3.Q5's G PIN parallel 10KΩ to GND 4.Q7's G PIN parallel 10KΩ to GND
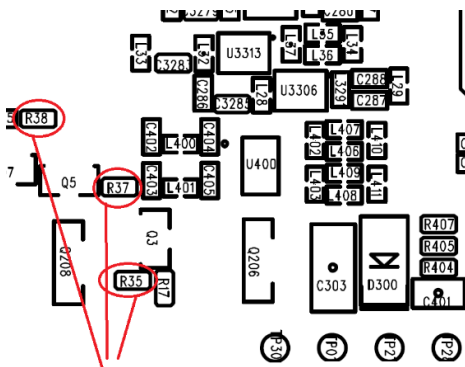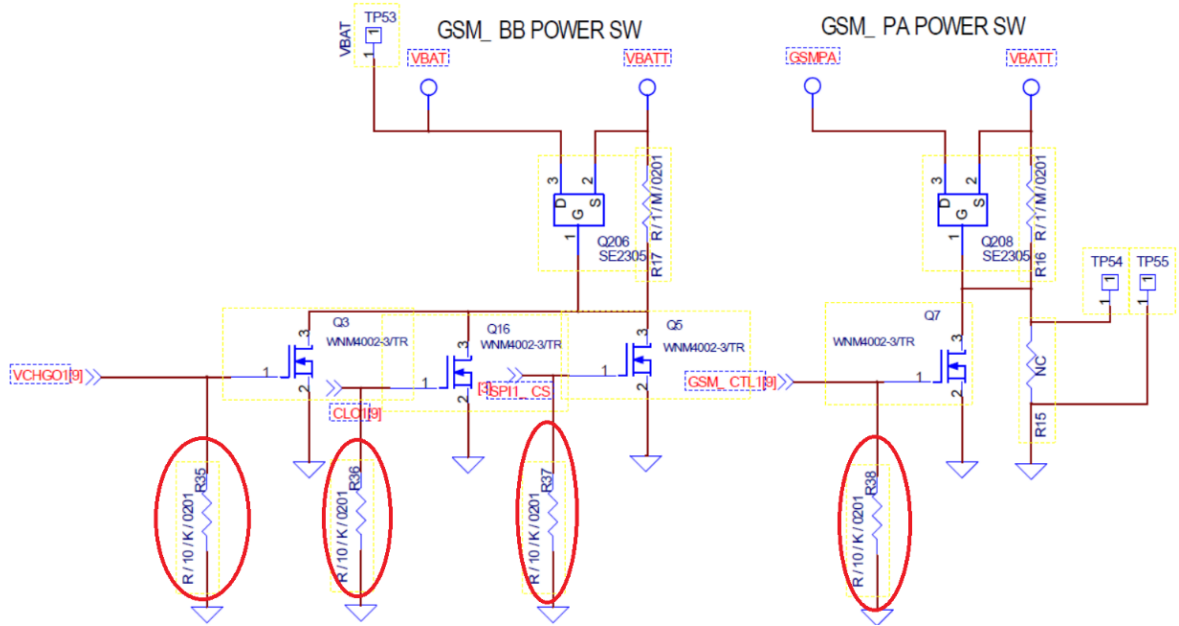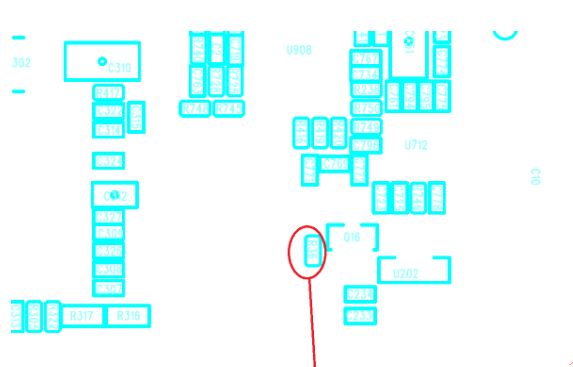
R35,R37,R38   R36

3	WT2N	UART Slew Rate	Resistance value change to 0Ω For UART R23 and R24 Change the resistance to 0Ω

UART

UTXD1 Y4 R / 0/ R / 0201 / 1% R23 UTXD1[9]
URXD1 W4 R24 URXD1[9]
R / 0/ R/ 0201 / 1%

UTXD2 F25 TP2
URXD2 E25 TP3

TP57
TP58
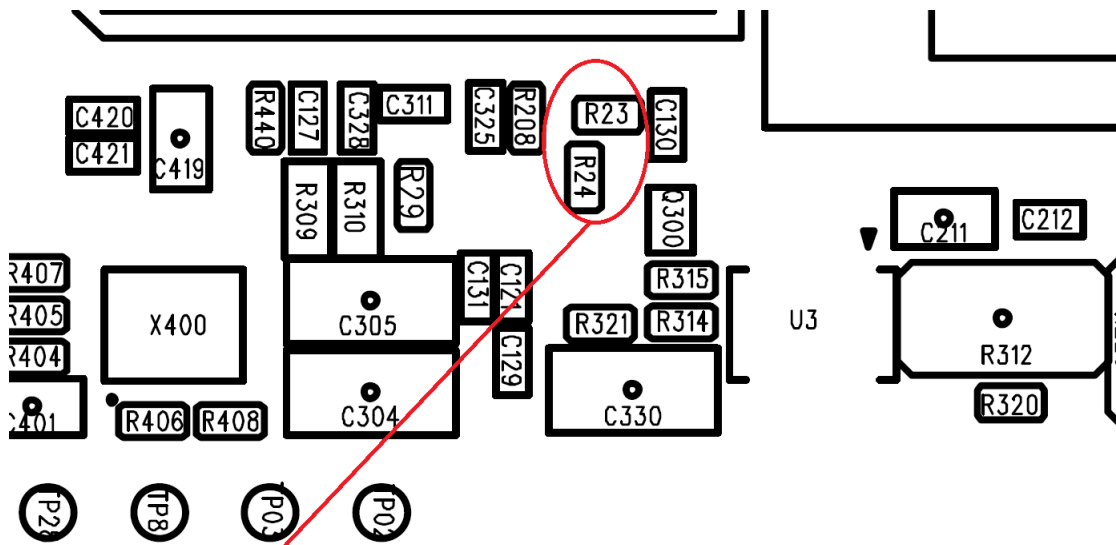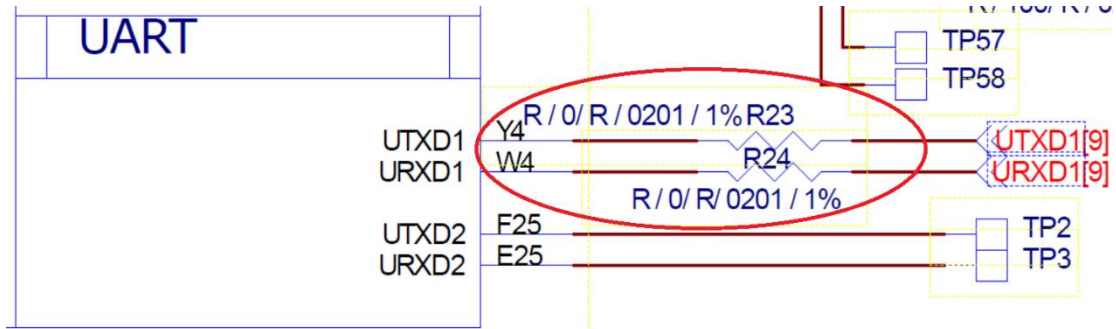
R23=0Ω,R24=0Ω

4	WT2N	Accelerometer misfunction	Take off R18

VDD2_5V

C22
C / 100 / nF / 0201

VDD2_5V

1	VDD_IO	GND	16
2	NC	RES	15
3	NC	VDD	14
4	SCL	GND	13
5	GND	GND	12
6	SDA	INT1	11
7	SEL	RES	10
8	CS	INT2	9

U6
IC_LIS3DSH

R7

R21

R10
NC

R18
R / 0 / M / 0201/NC

MOVE[9]

C23
C / 1 / uF / 0201

R7
R10
R21

U6

C22
C23

R18

R18

R508

X501

C7
C9
C8
R513

U2

M501
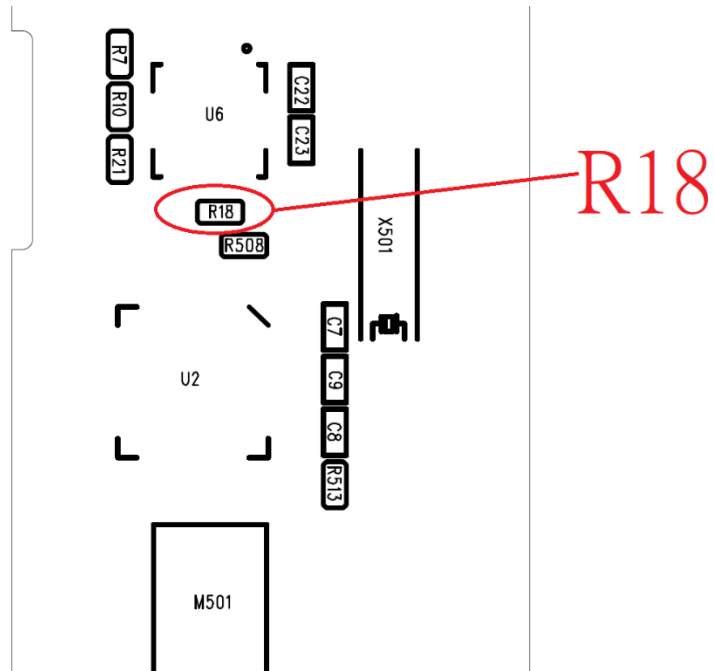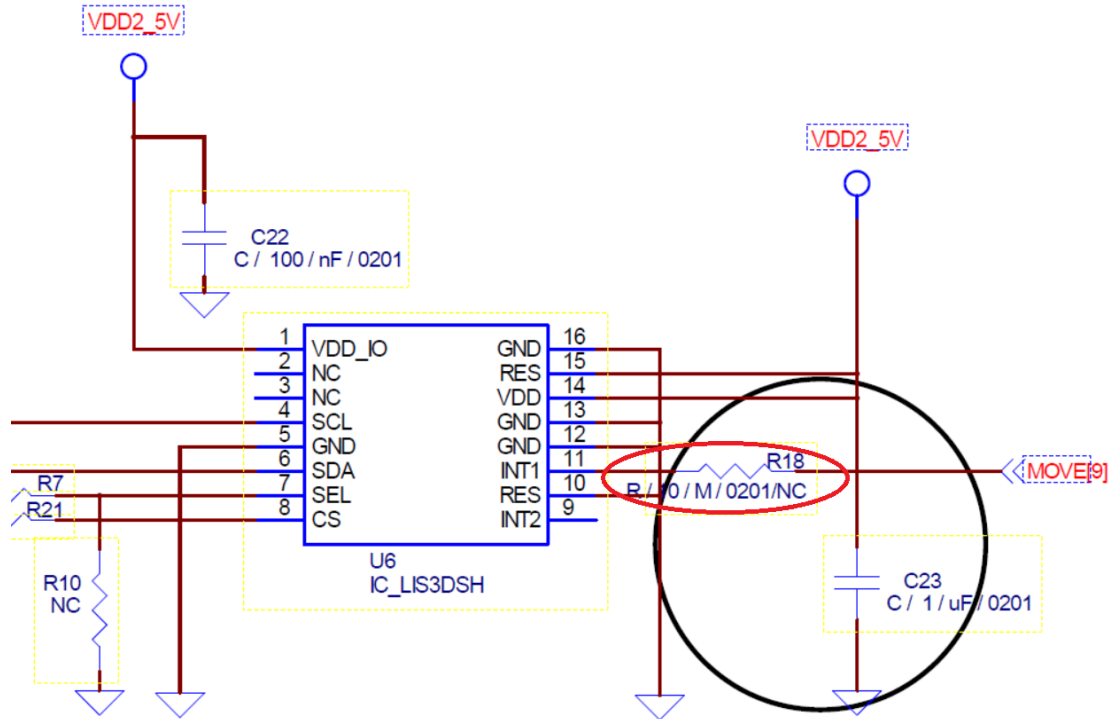
5	WT2N	4th LED removed	Take off D3

R503
R / 47 / K / 0201
VDD2_5V

R509
R / 100 / ohm / 0201
VDD2_5V

D507
A   K
BL-HUB36G-AV-TRB(red)
NSWITCH[9]

R20
R / 10 / ohm / 0201
VBAT

D3
BL-HGE36G-AV-TRB(green) /NC
A   K
ISINK0   [5]

R501
R / 10 / ohm / 0201
GLED[9]

D505
BL-HGE36G-AV-TRB(green)
A   K

R502
R / 100 / ohm / 0201
YLED[9]

A   K
D506
BL-HKC36G-AV-TRB(yellow)

D3
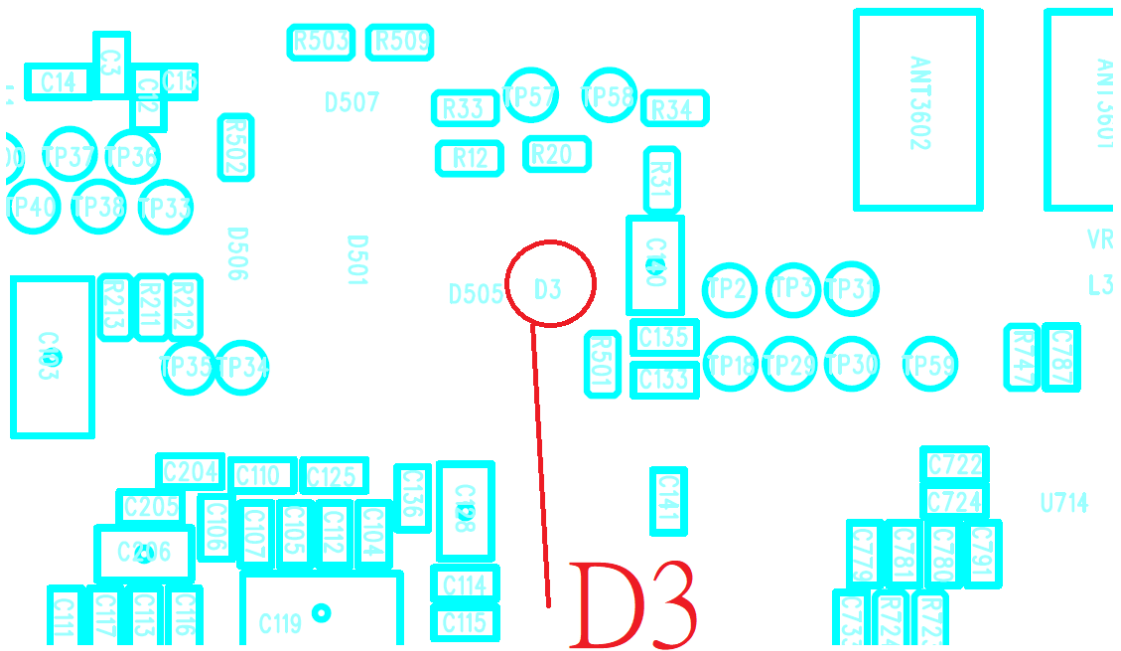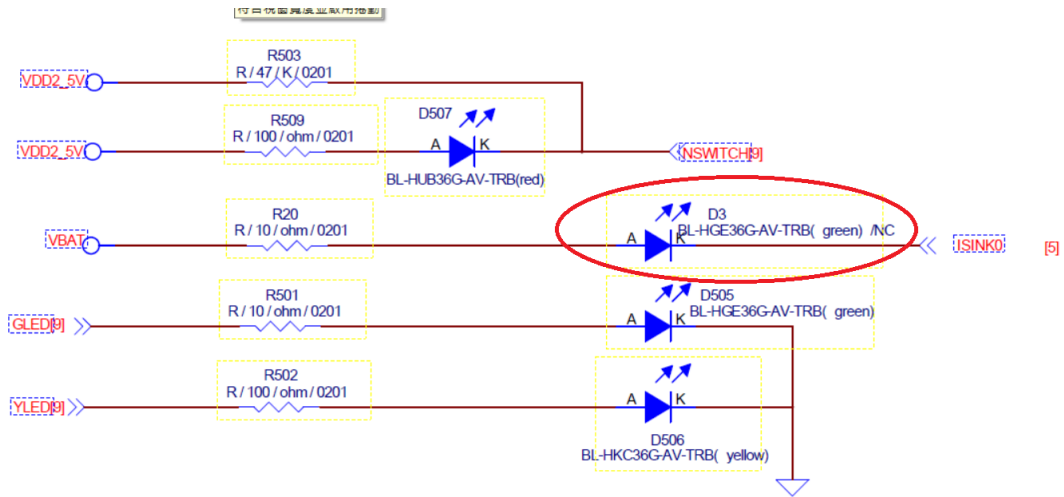
6	WT2N	Accelerometer removed	Take off U6

VDD2_5V

C22
C / 100 / nF / 0201

VDD2_5V

1	VDD_IO	GND	16
2	NC	RES	15
3	NC	VDD	14
4	SCL	GND	13
5	GND	GND	12
6	SDA	INT1	11
7	SEL	RES	10
8	CS	INT2	9

SCL3[9]

SDA3[9]

R / 0 / ohm / 0201   R7
R / 0 / ohm / 0201   R21

VDD2_5V

R10
NC

U6
IC_ LIS3DSH/NC

R18
R / 0 / M / 0201/NC

MOVE[9]

C23
C / 1 / uF / 0201

TP9

R7
R10
R21

U6

C22
C23

R18

R508

X501

C7

C9

C8

R513

U2

U6
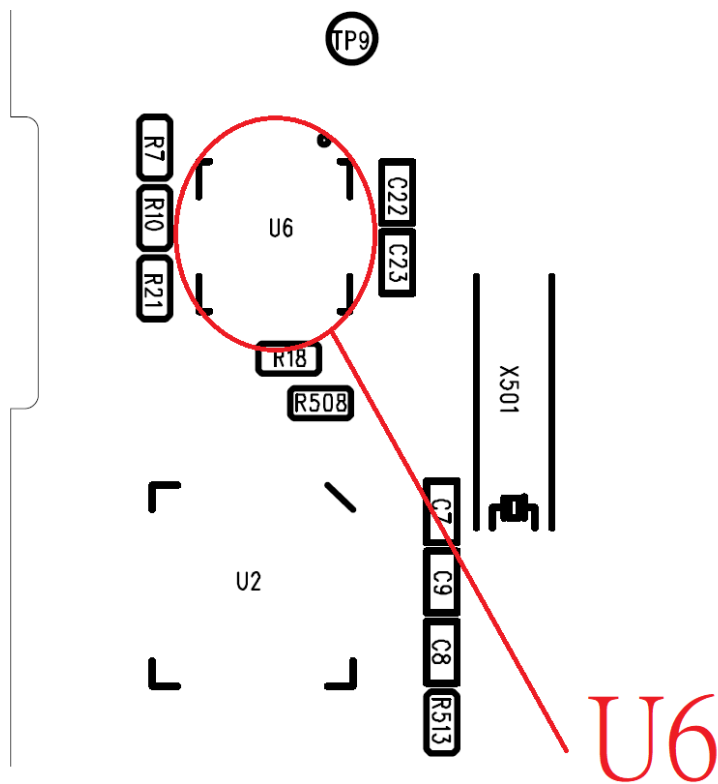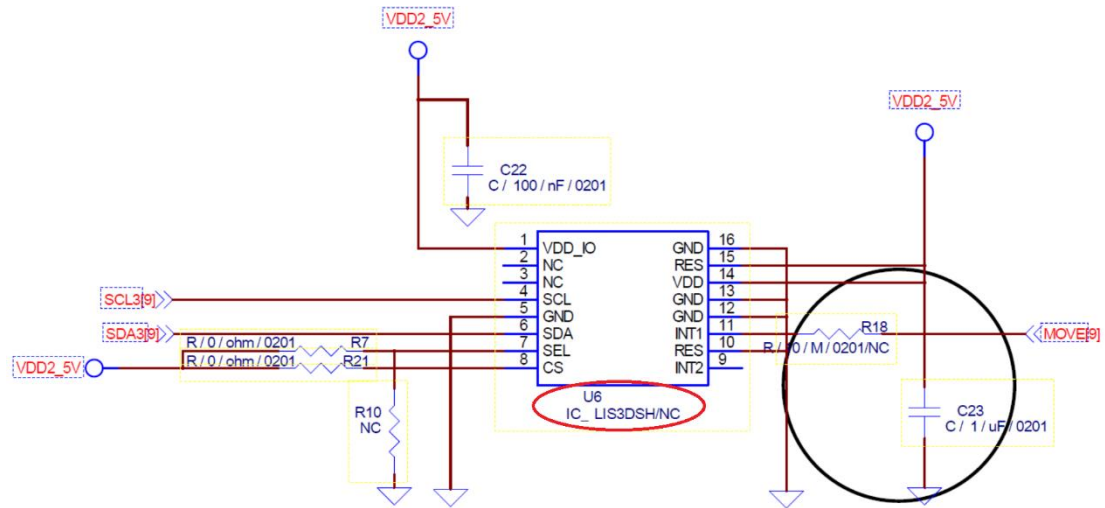
Kizy Tracking SA
rue de la Maladière 71C, 2000 Neuchatel, Switzerland

RF: No Change
HW: 6 items As adove
SW: No Change

Company Name: Kizy Tracking SA

Signature: *Bell Chang*

Date:2019/03/22