Internal Photos of the EUT

Fig. 1

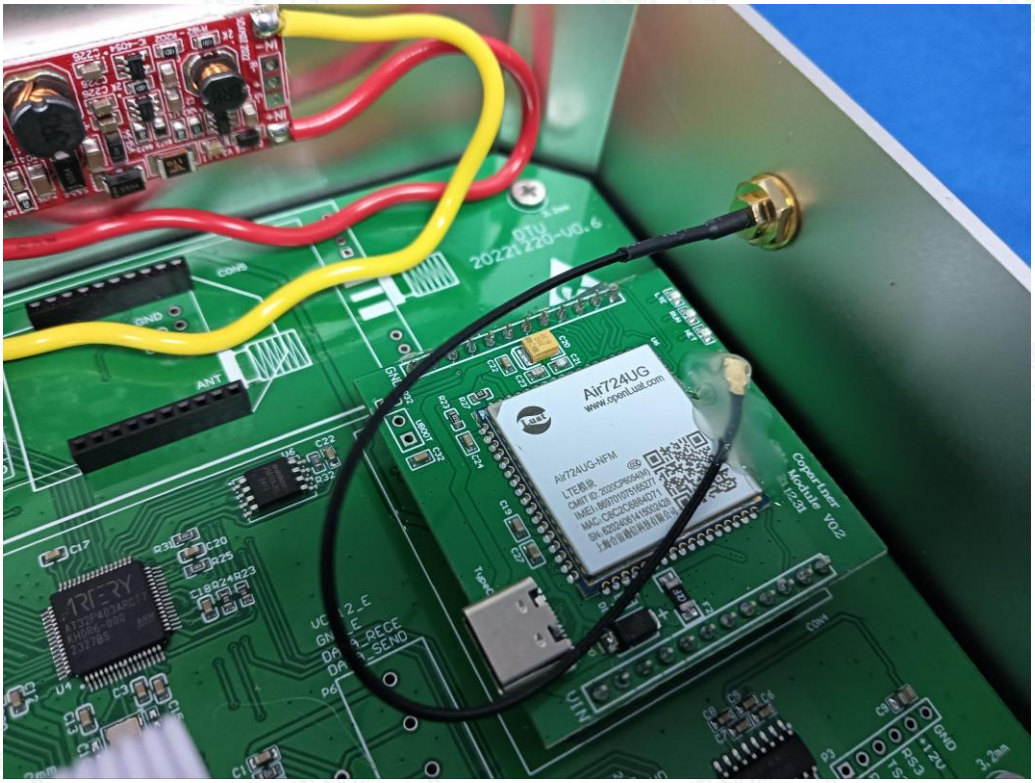

Fig. 2

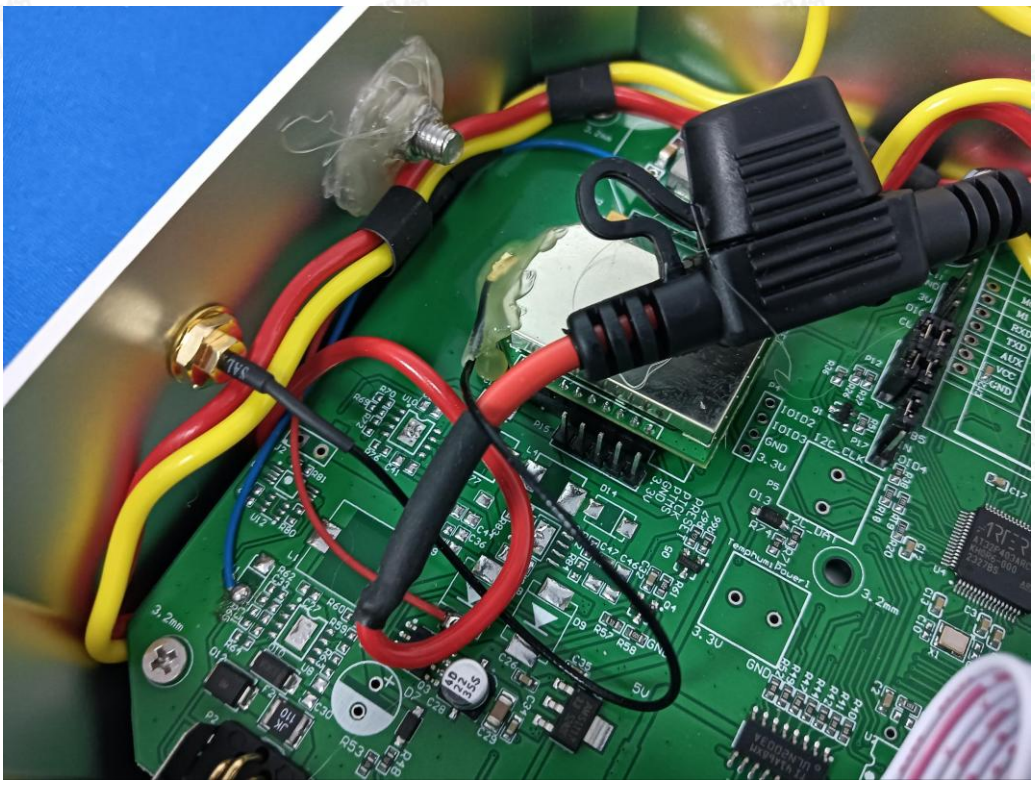

Fig. 3

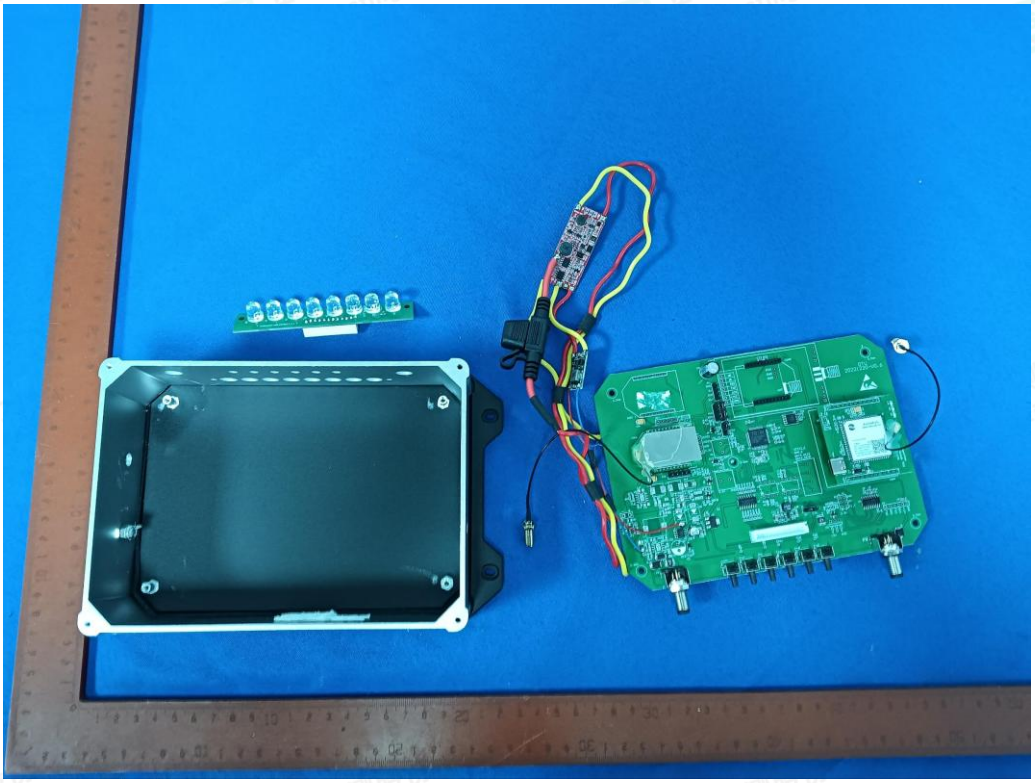

Fig. 4

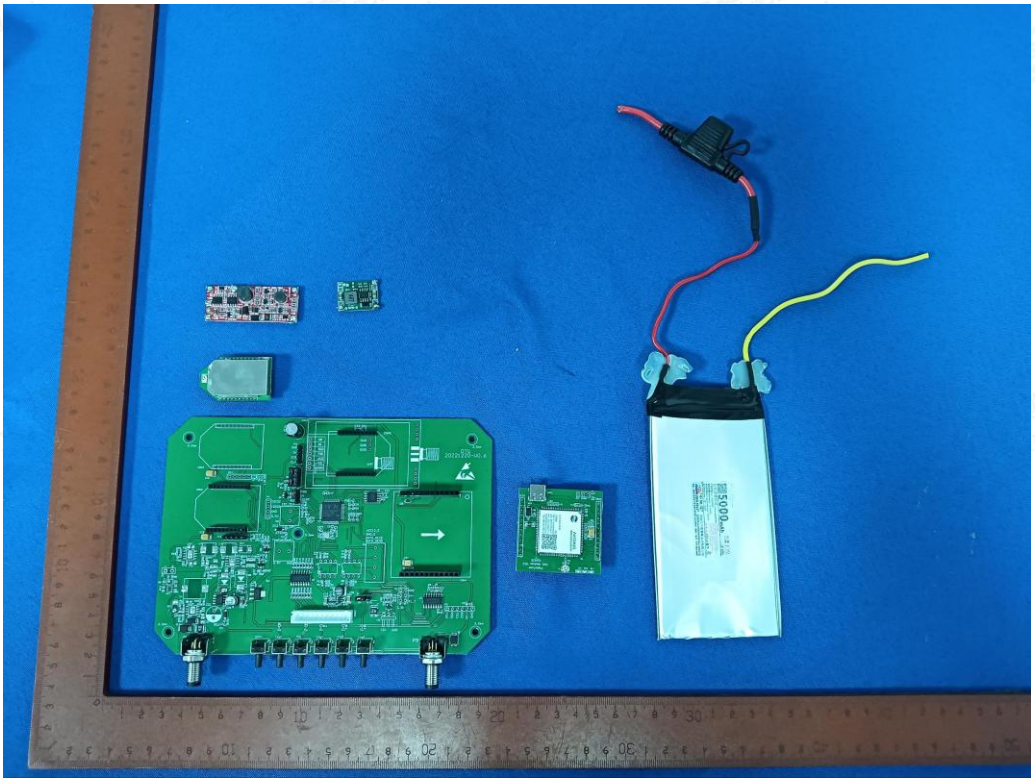

Fig. 5

Fig. 6

+ ZC 4066125
- 3.7V 1214UX

Fig. 7

5000 mAh
18.5Wh
ZON.CELL
ZONCELL INTERNATIONAL LIMITED

Fig. 8

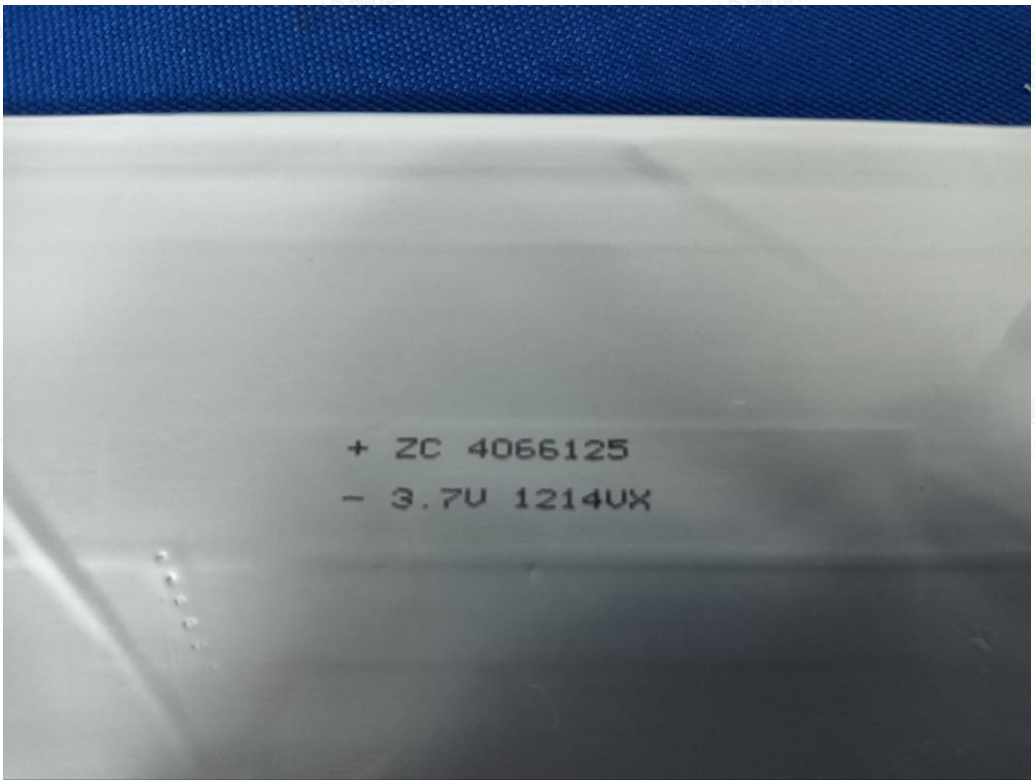

Fig. 9

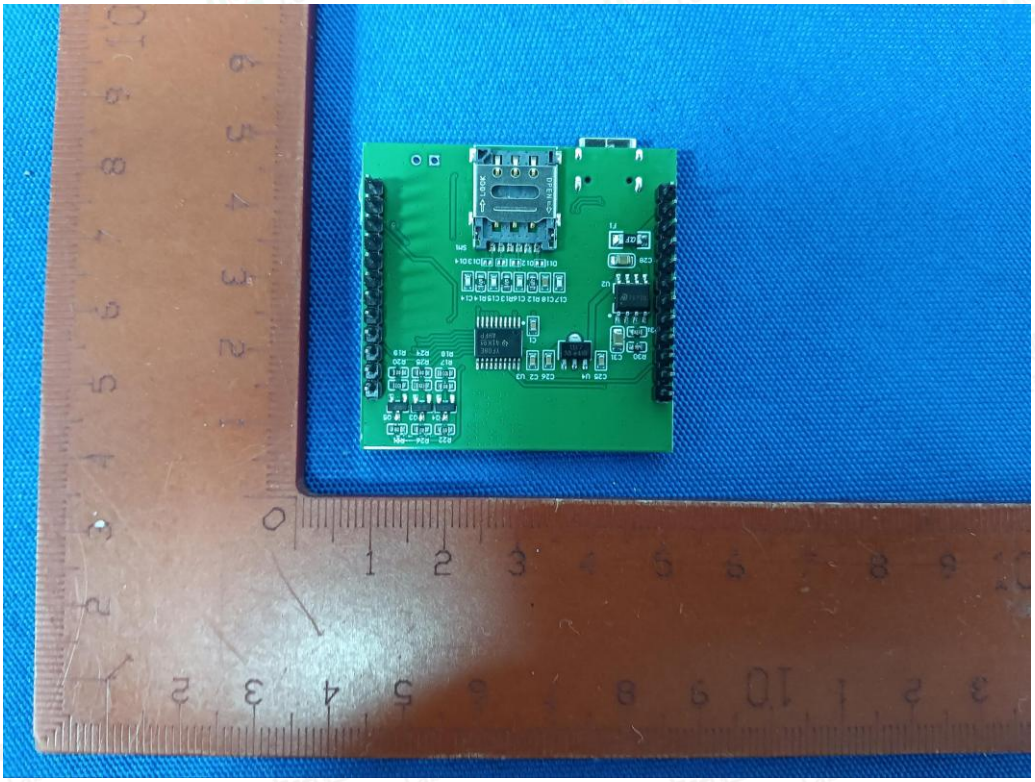

Fig. 10

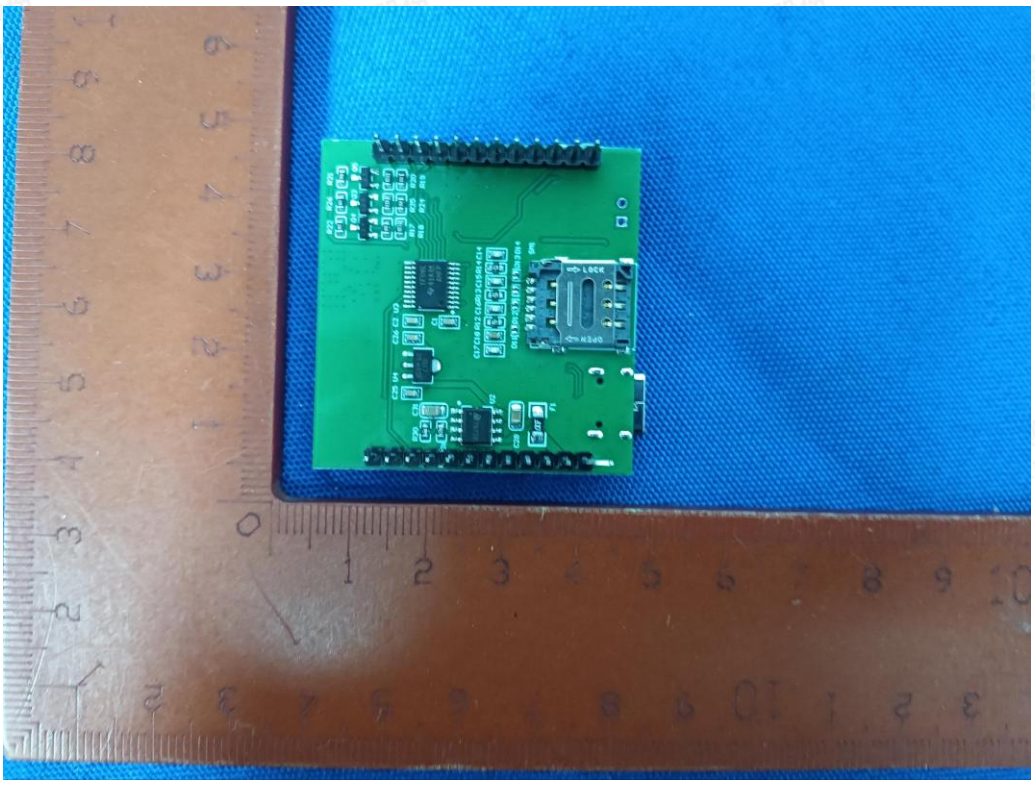

Fig. 11

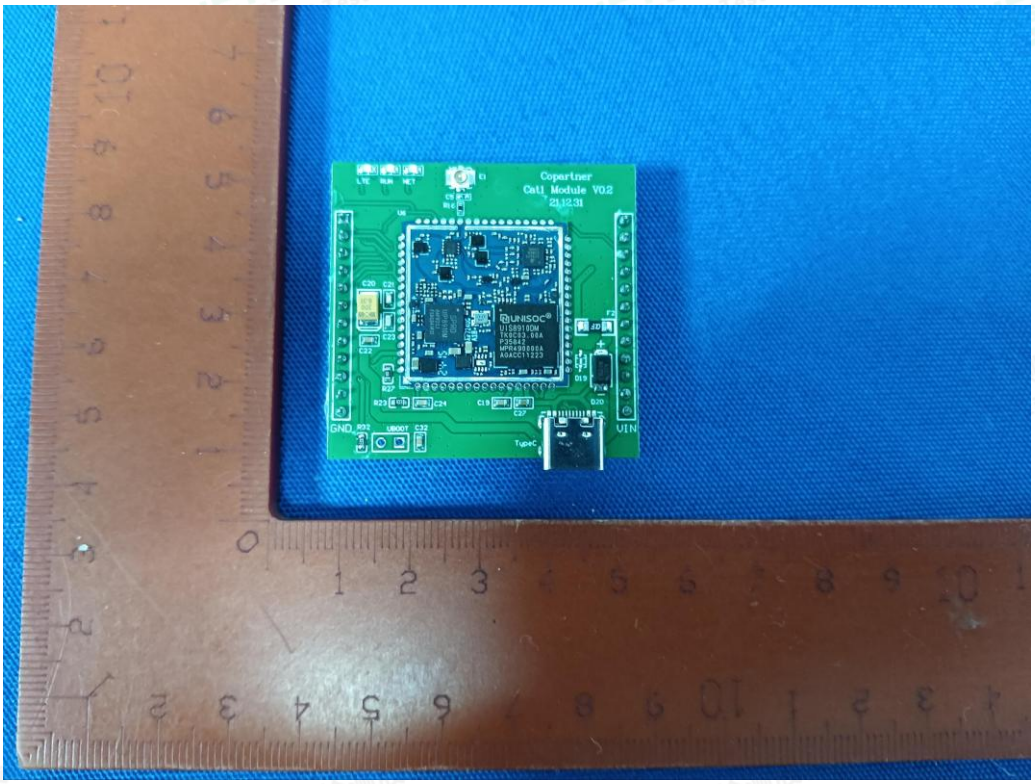

Fig. 12

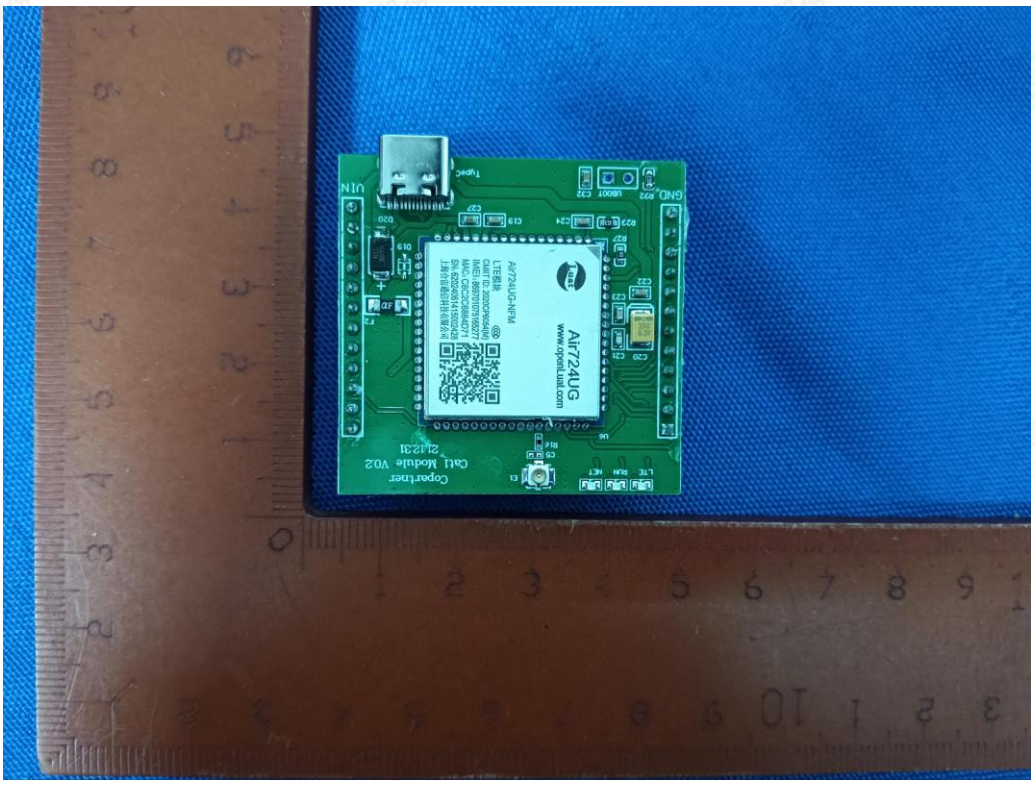
Air724UG
www.openLuat.com
Air724UG-NFM
Copartner
Cat1 Module V0.2
21.12.31
VIN
GND

Fig. 13

Air724UG
www.openLuat.com
Air724UG-NFM
LTE模块
CMIIT ID: 2020CP6054(M)
IMEI: 869701075165277
MAC: C8C2C6884D71
SN: 620240614150024 28
上海合宙通信科技有限公司
Copartner
Cat1 Module V0.2
21.12.31
VIN
GND
LTE
RUN
NET
Type-C

Fig. 14

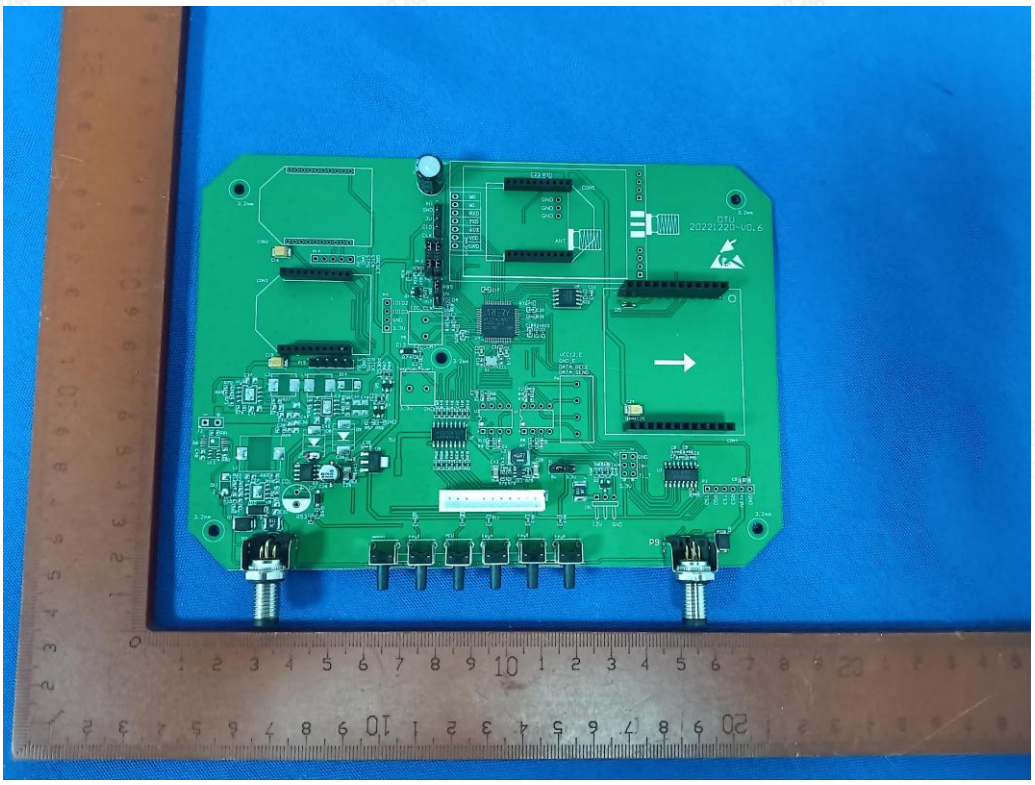

Fig. 15

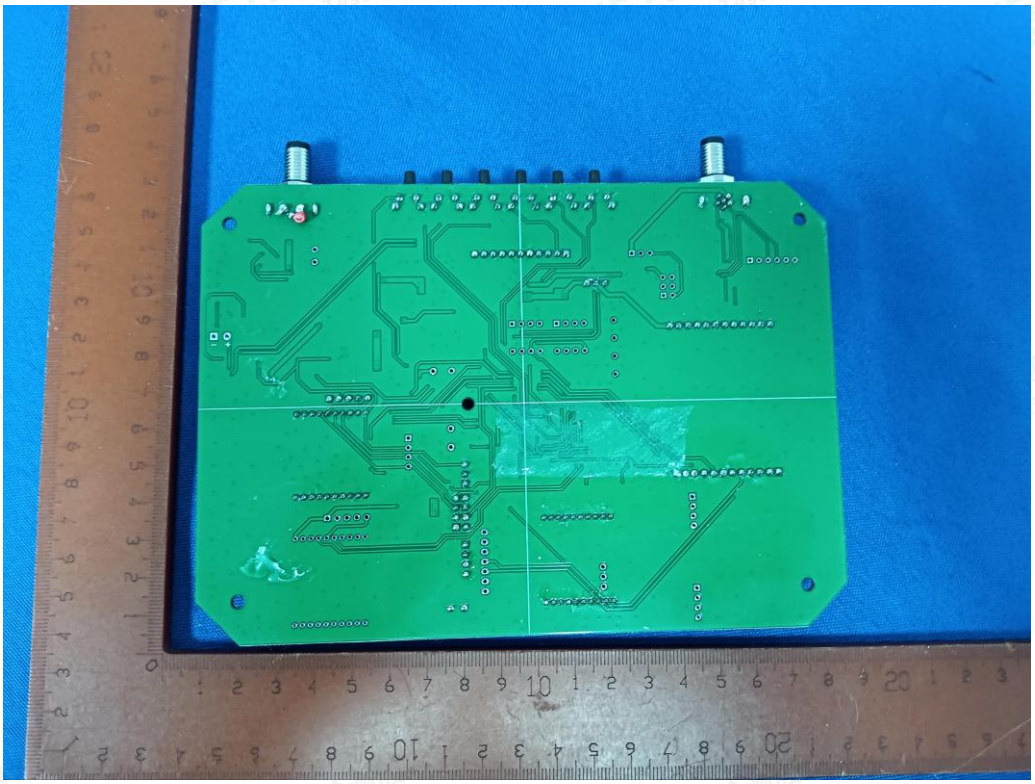

Fig. 16

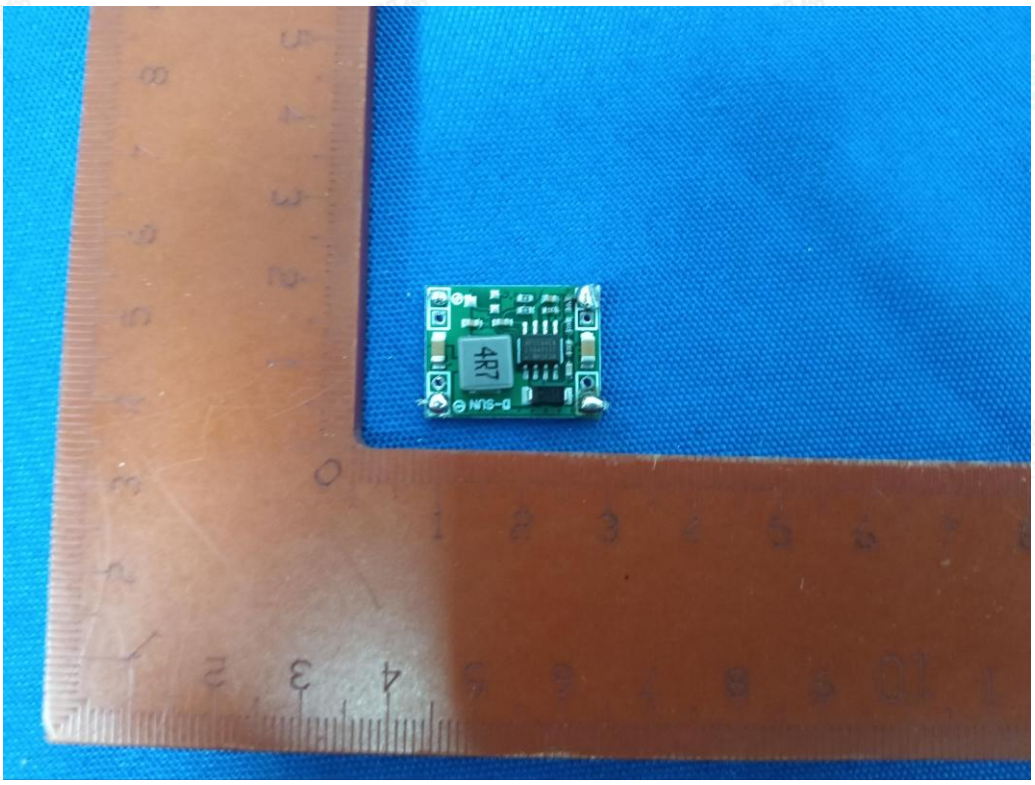

Fig. 17

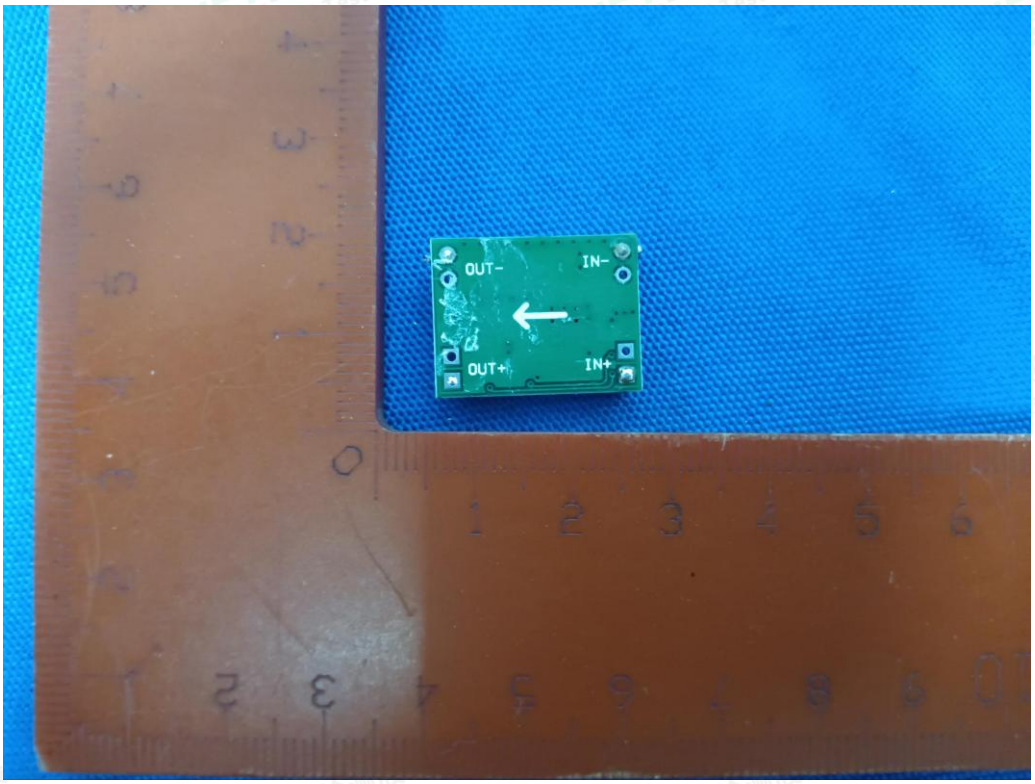

Fig. 18

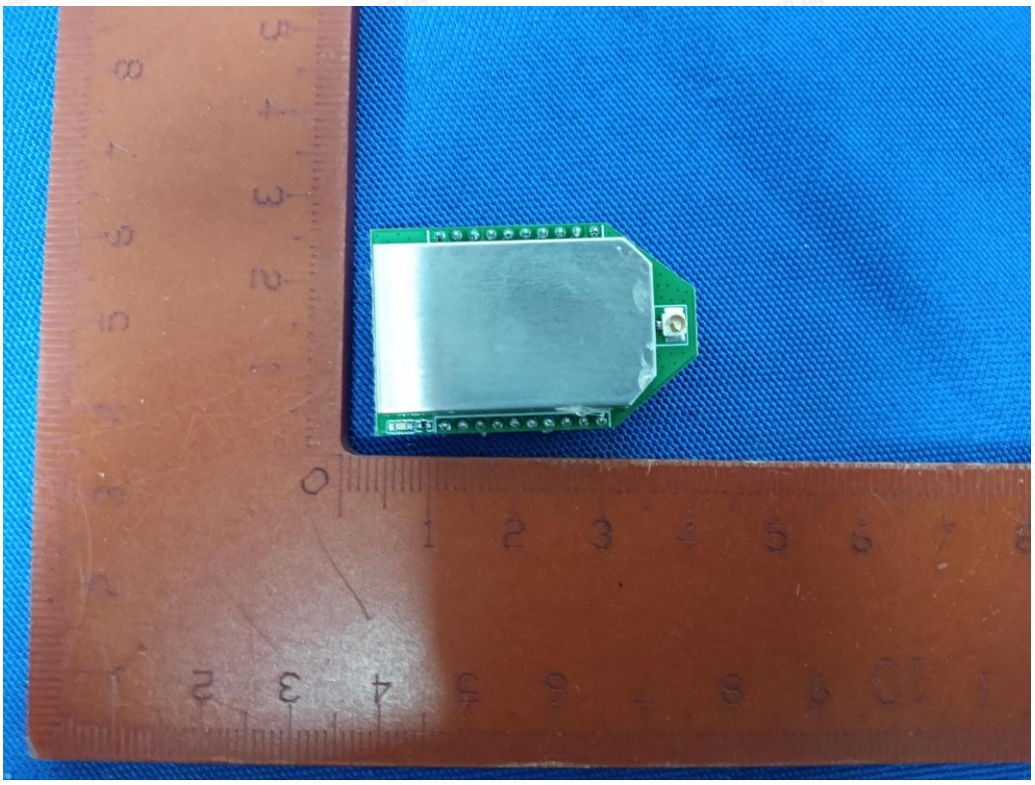

Fig. 19

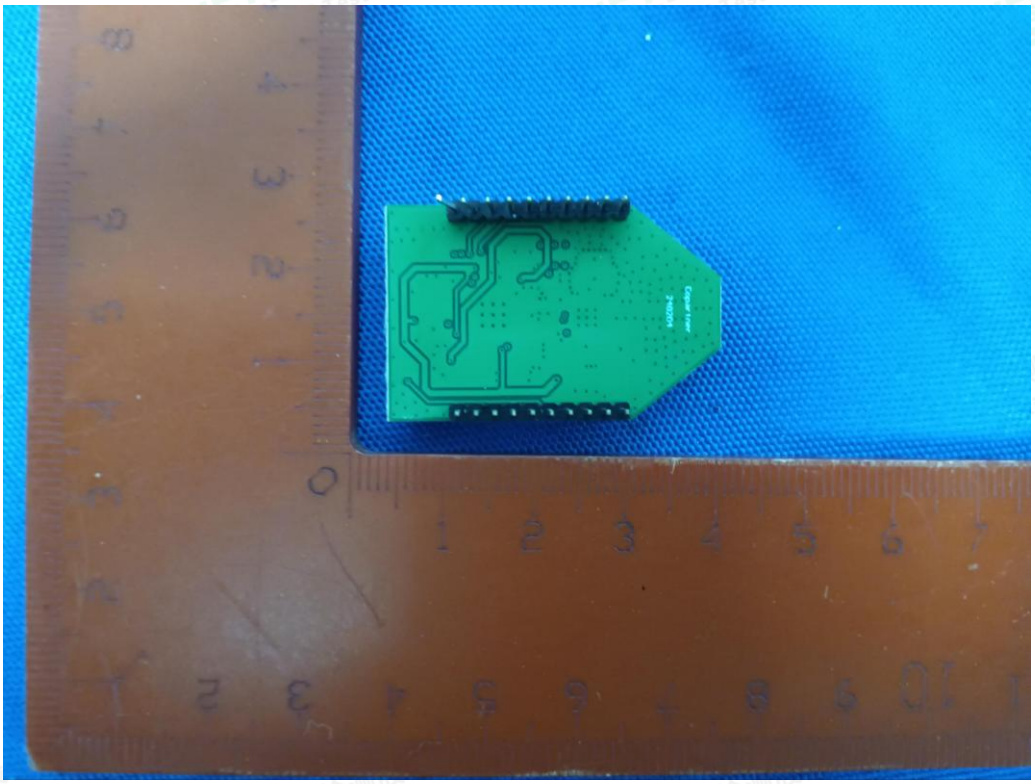

Fig. 20

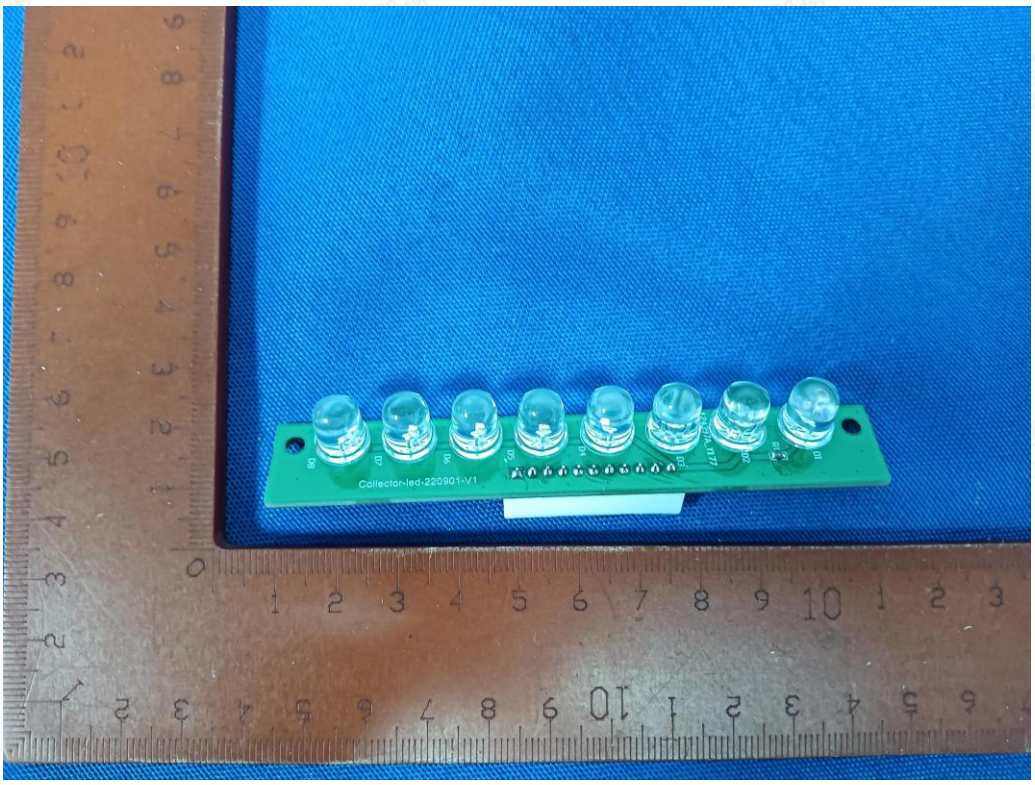

Fig. 21

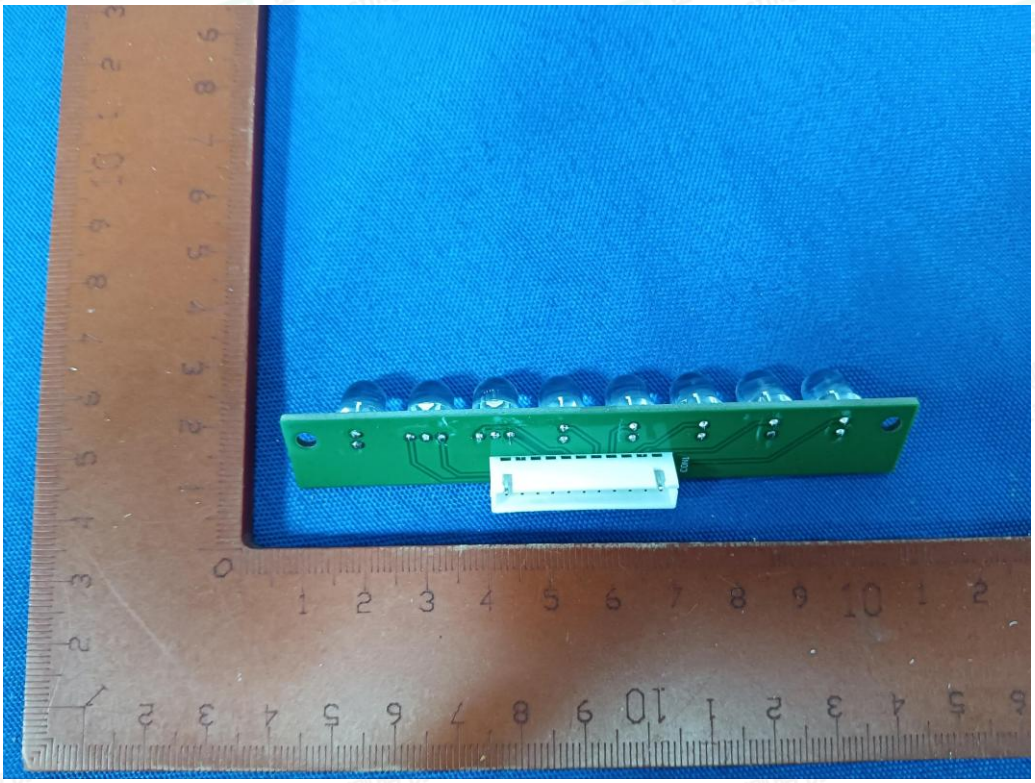

Fig. 22

DC UPS CONTROL BOARD V2.0
DC INPUT
MODULE POWER
BATTERY
BAT CH.CS
OUT VOLTAGE
VER :ST
DESIGNED IN 2022/12

Fig. 23

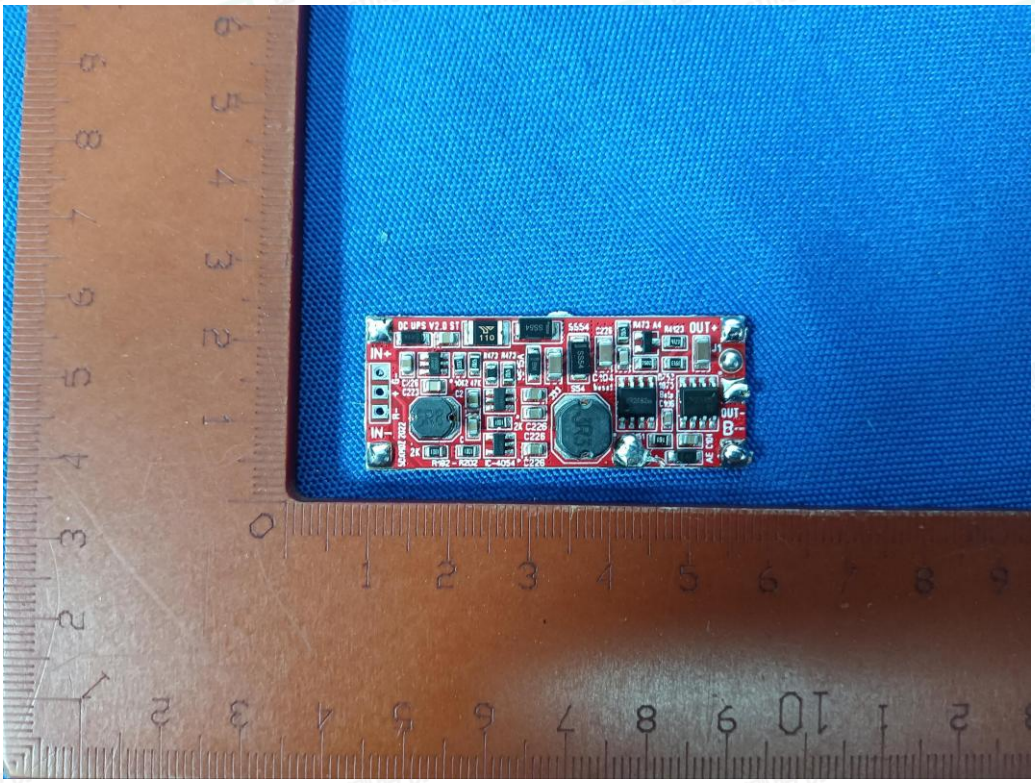
DC UPS V2.0 ST
IN+
IN-
OUT+
OUT-

Fig. 24

DC UPS CONTROL BOARD V2.0
OUT+
DC INPUT
DC9V DC12V CURRENT >= 1A-2A
MODULE POWER
RATED PW=12W POWER USED=8W
BATTERY
BAT CR CC
IC x 1 : CR =550mA IC x 2 : CR =1A1 (5W)
OUT VOLTAGE
JP1= OUT=DC9V JP1= OUT=DC12V
OUT-
BAT-
IN+
PW
+
CR
IN-
VER :ST
BAT+
DESIGNED IN 2022/12

Fig. 25

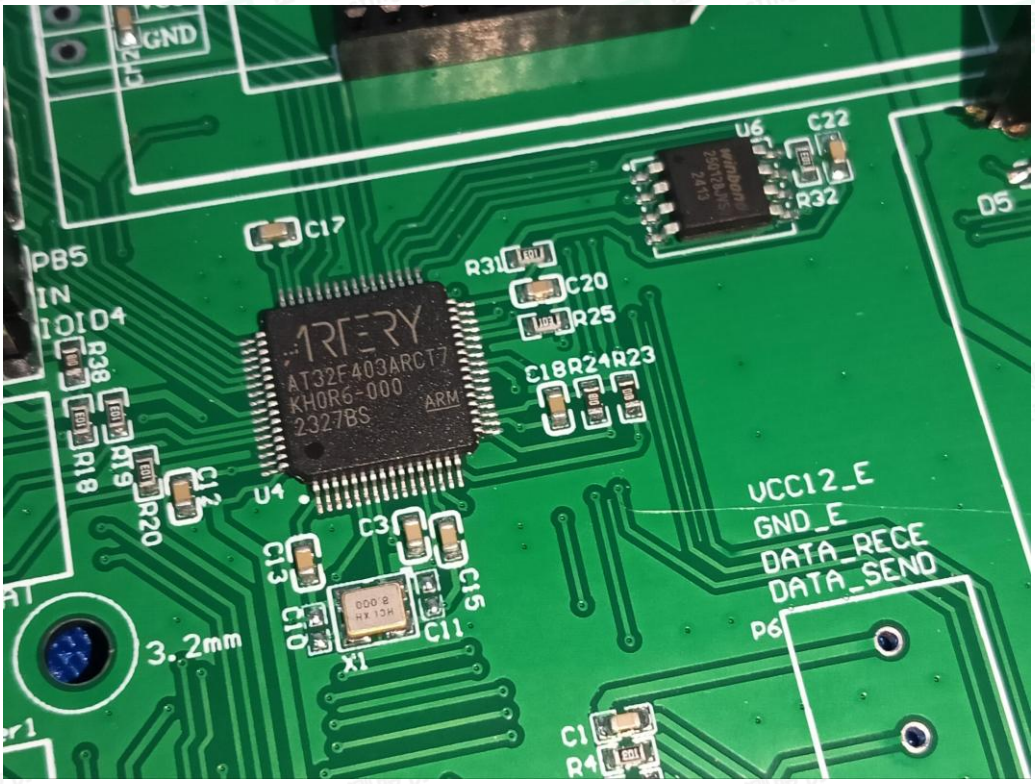
GND
U6
C22
R32
D5
C17
PB5
IN
IOID4
R31
C20
R25
C18R24R23
AT32F403ARCT7
KH0R6-000
2327BS
ARM
R38
R18
R19
R20
C12
U4
C3
C13
C15
C10
C11
X1
3.2mm
VCC12_E
GND_E
DATA_RECE
DATA_SEND
P6
C1
R4

Fig. 26

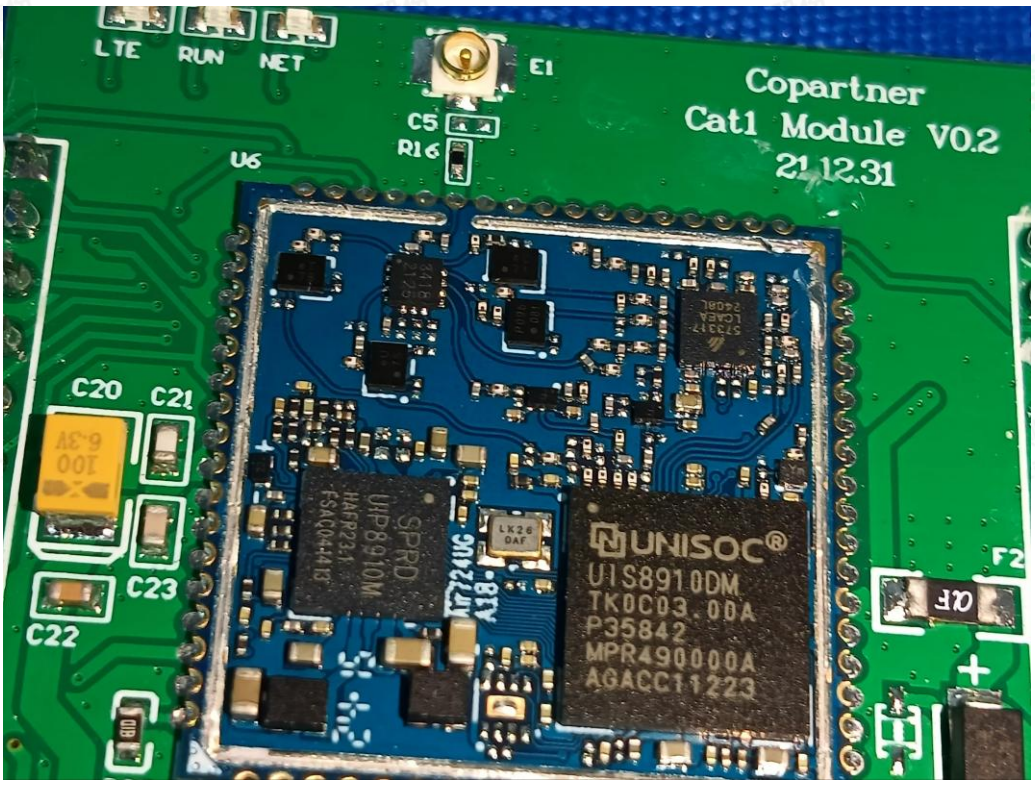
LTE
RUN
NET
E1
C5
R16
U6
Copartner
Cat1 Module V0.2
21.12.31
C20
C21
C23
C22
UNISOC
UIS8910DM
TK0C03.0DA
P35842
MPR490000A
AGACC11223
UIP8910M

Fig. 27

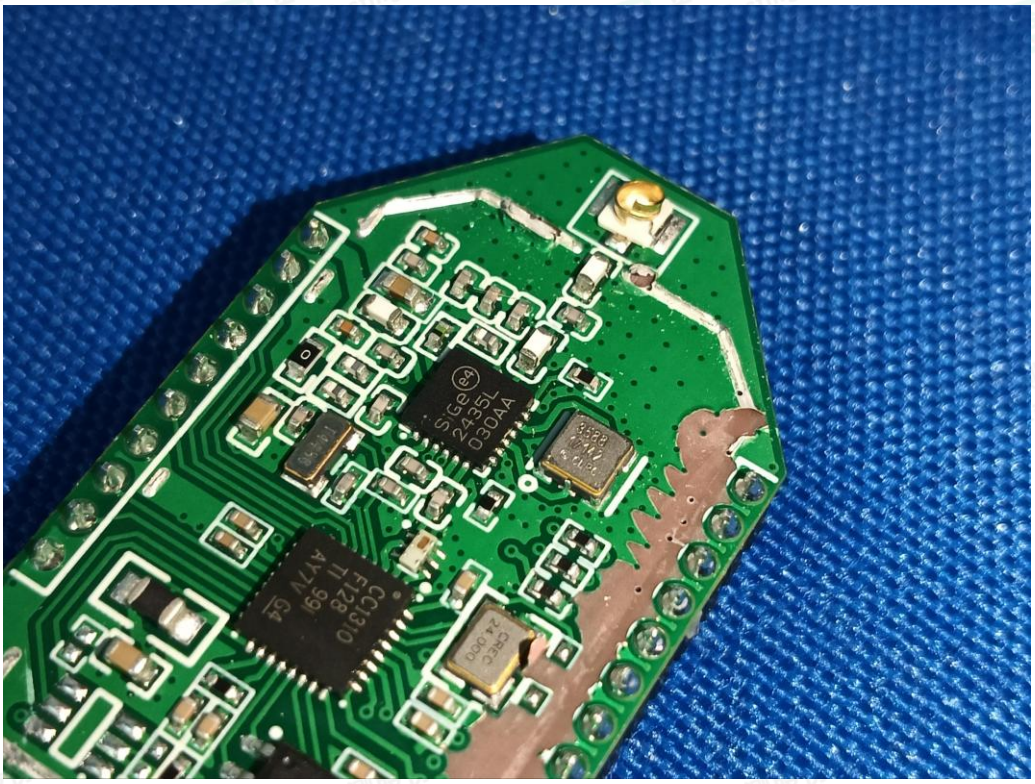
SiGe
2435L
030AA

Fig. 28