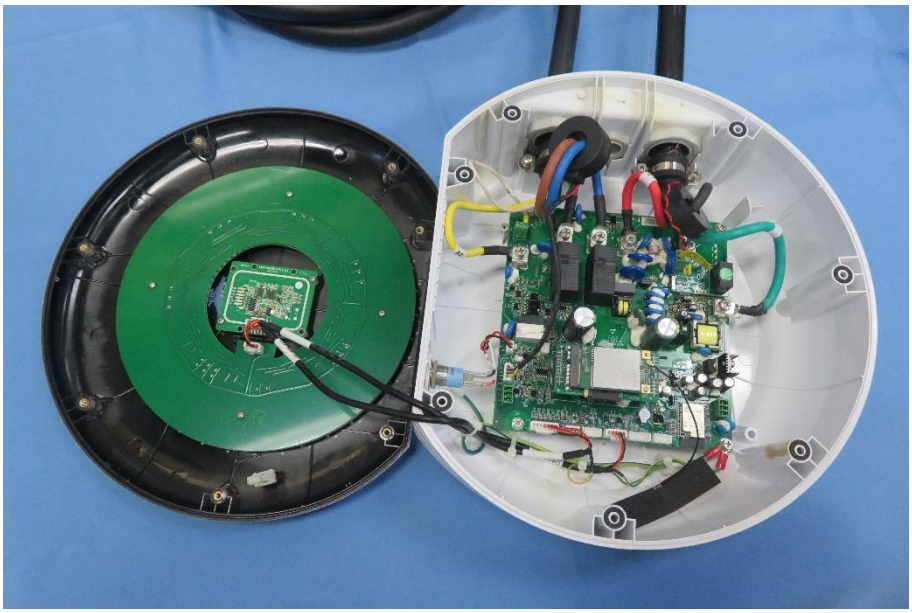
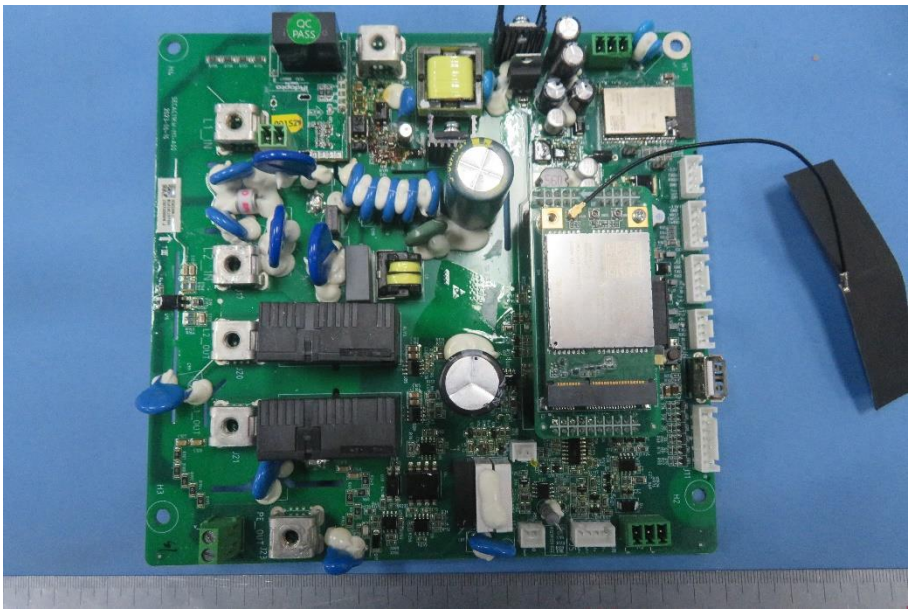
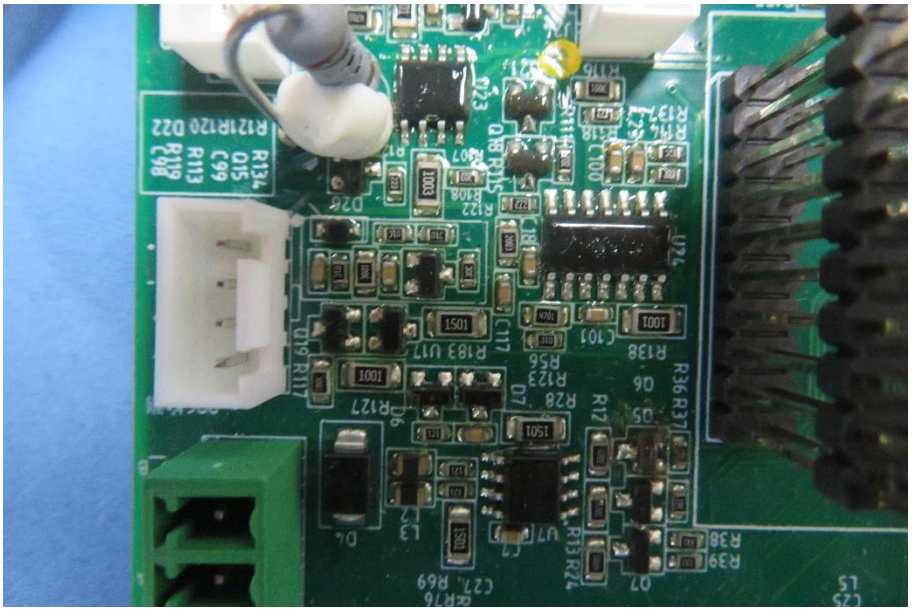
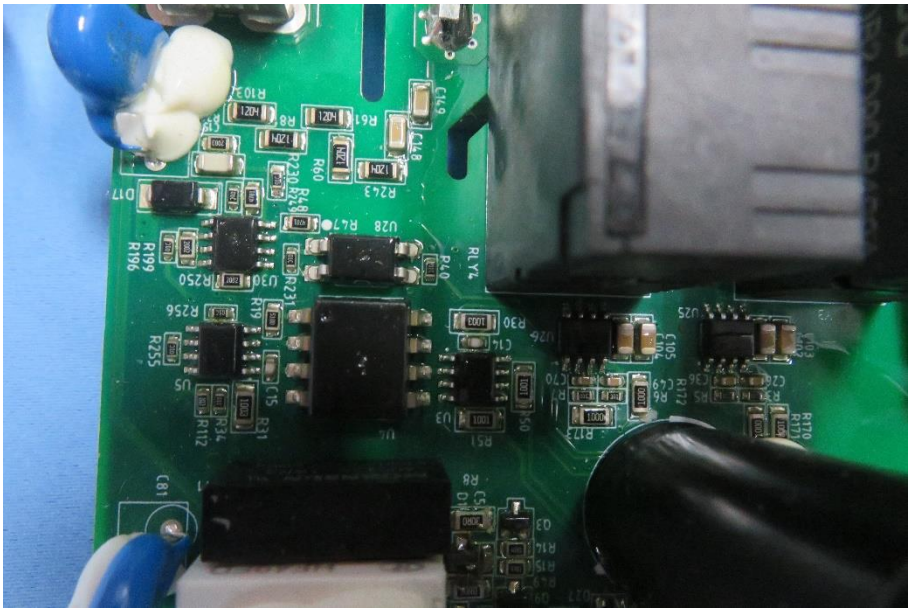
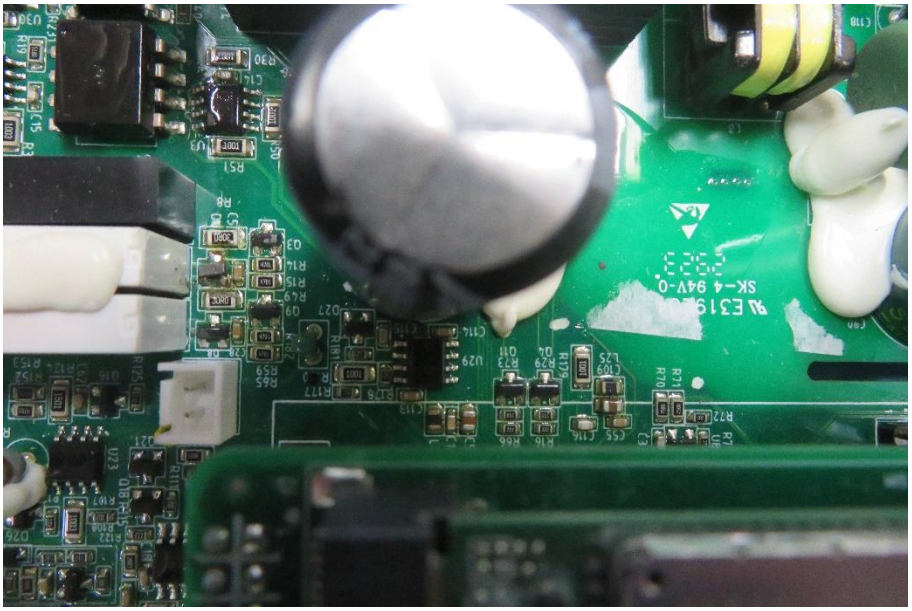
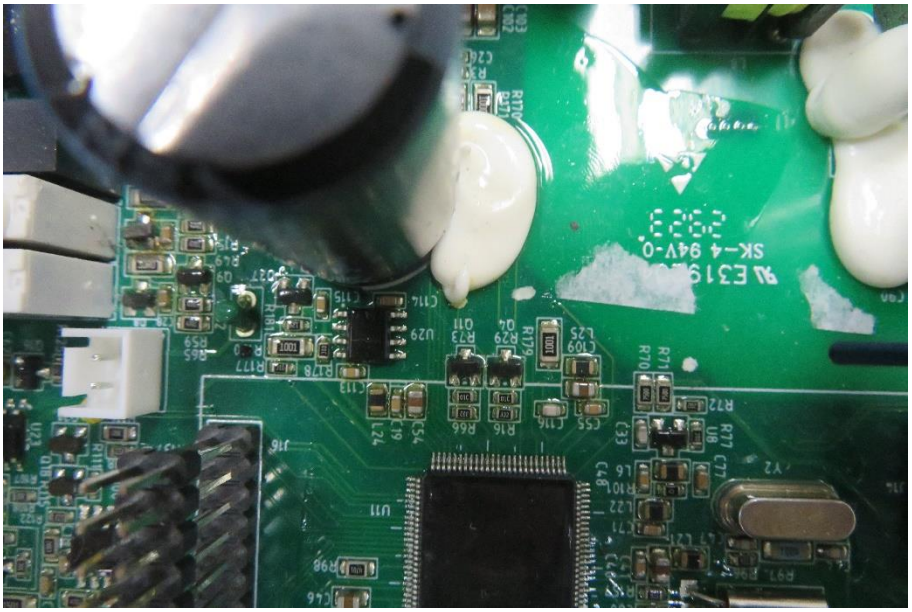


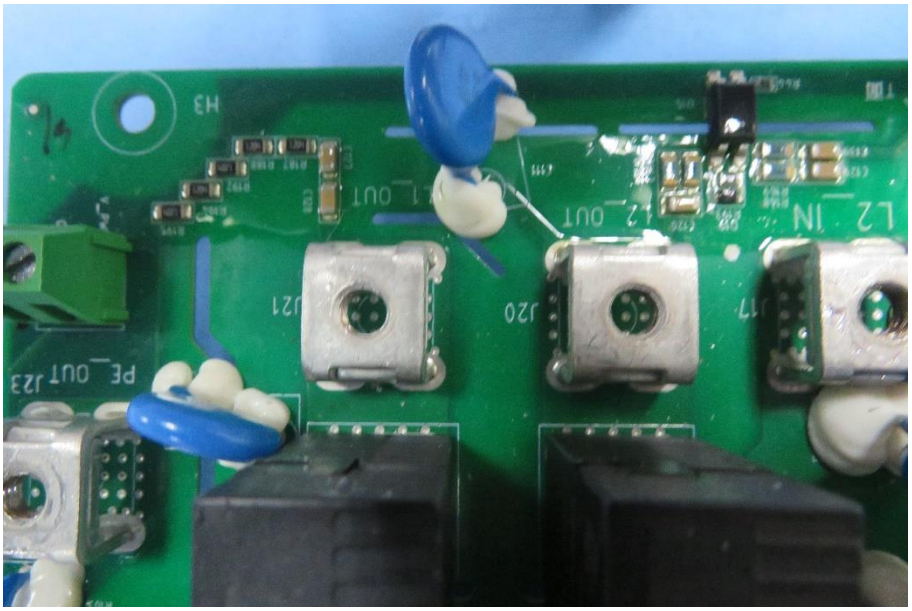

QC
PASS

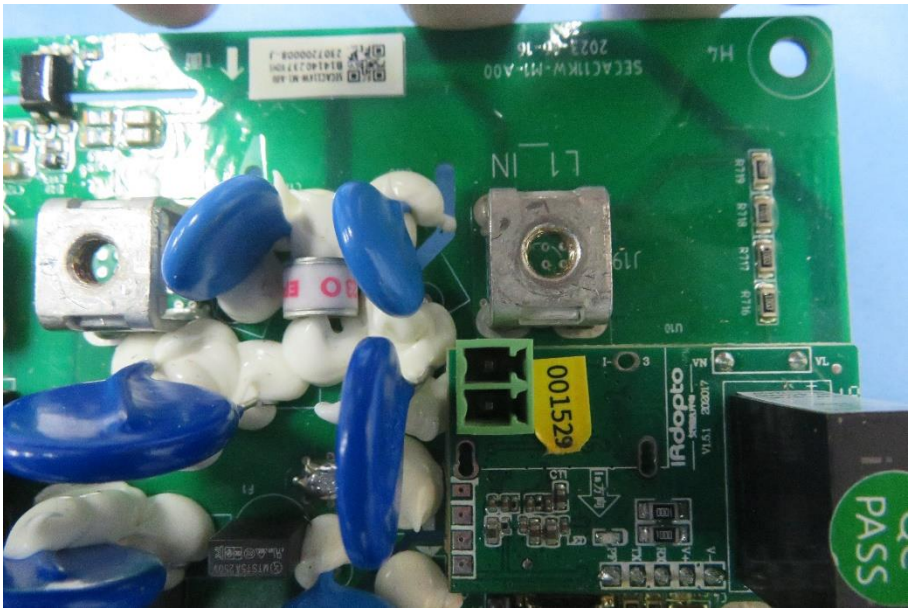


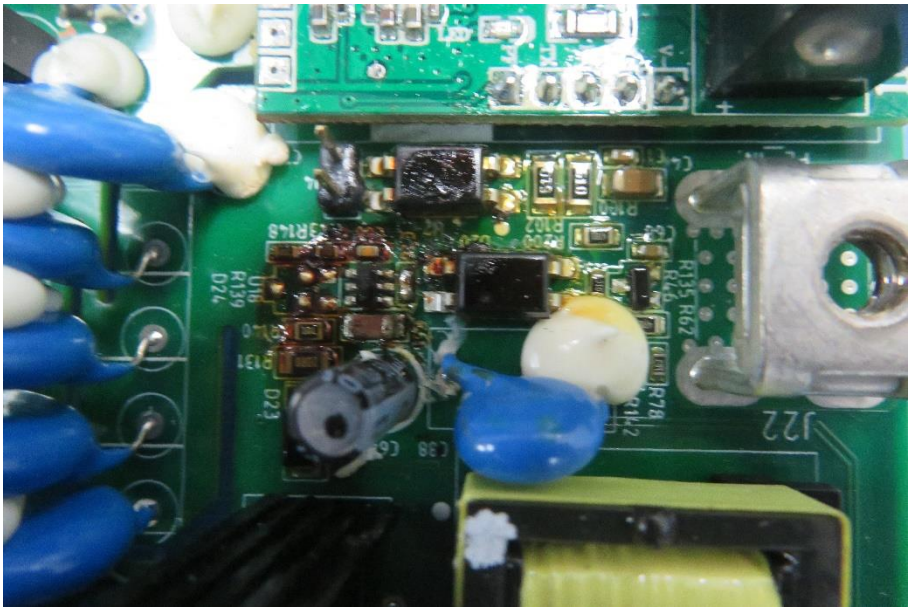


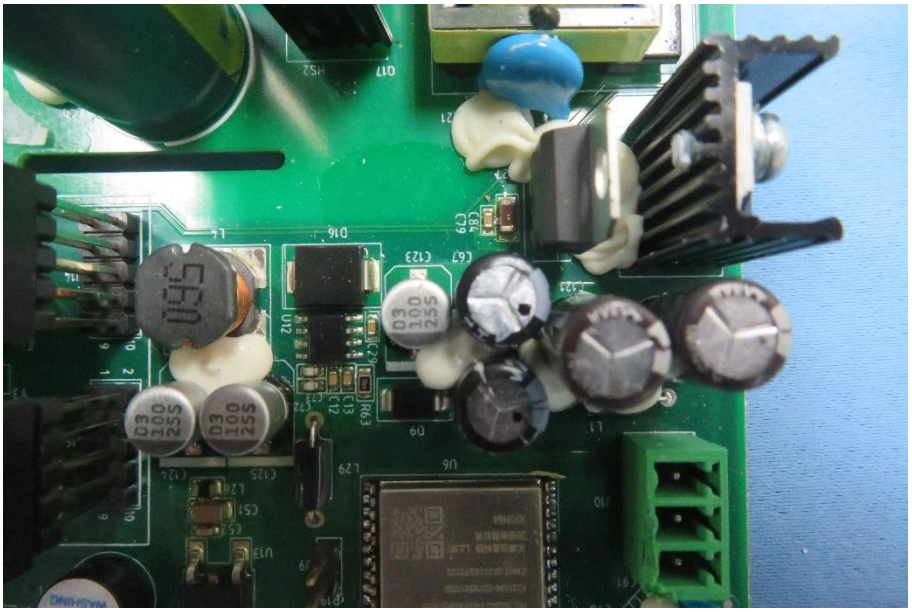




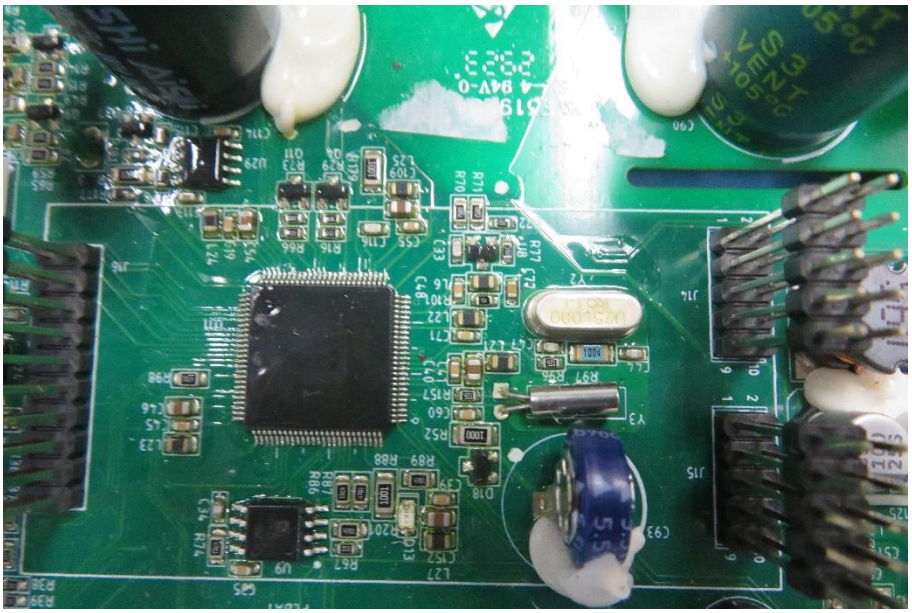

PE_OUT
J23
J21
J20
J17
L2_IN
L2_OUT
L1_OUT
H3

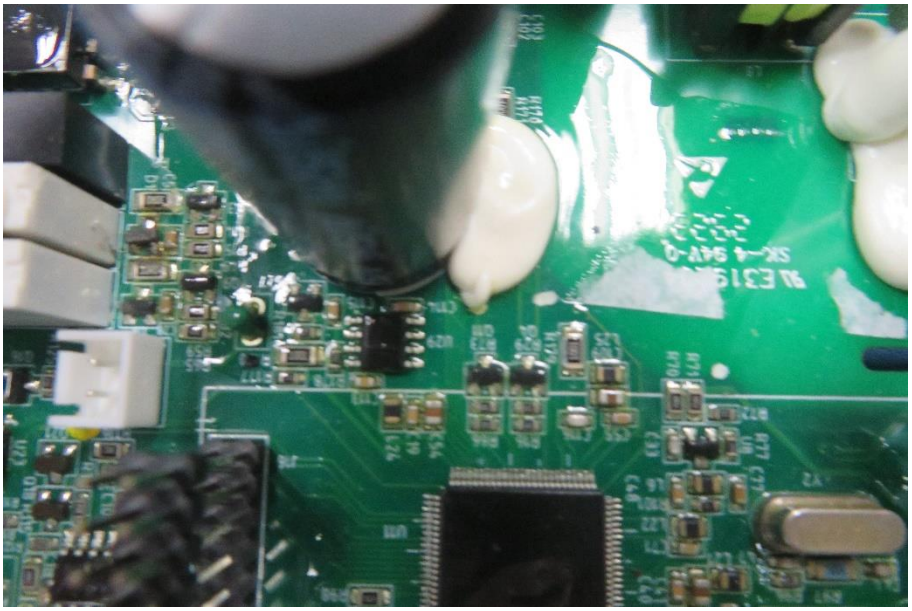

PASS
001526
L1_IN
H4

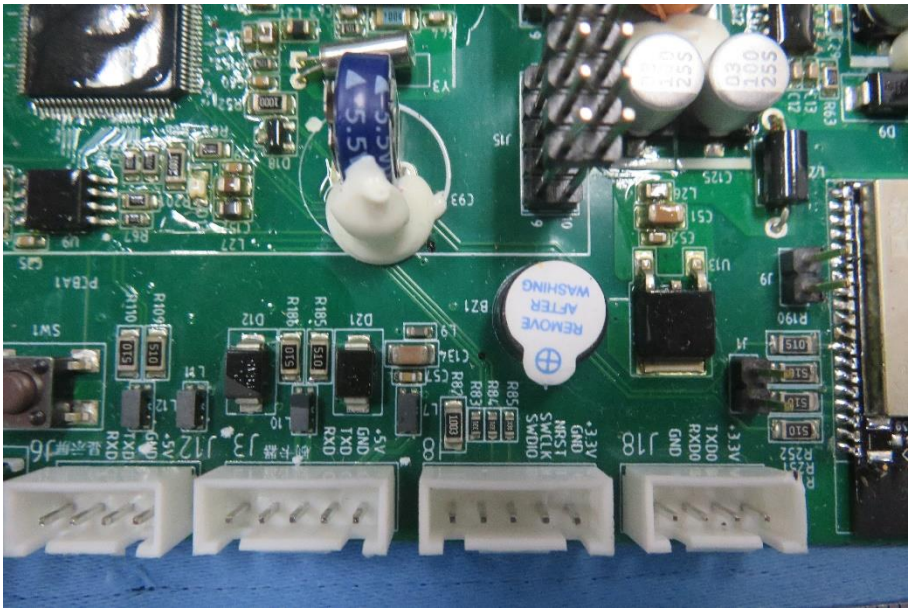

J22
R78
R135 R67
R142
R102
R101
R131
D23
U18
R139
D24

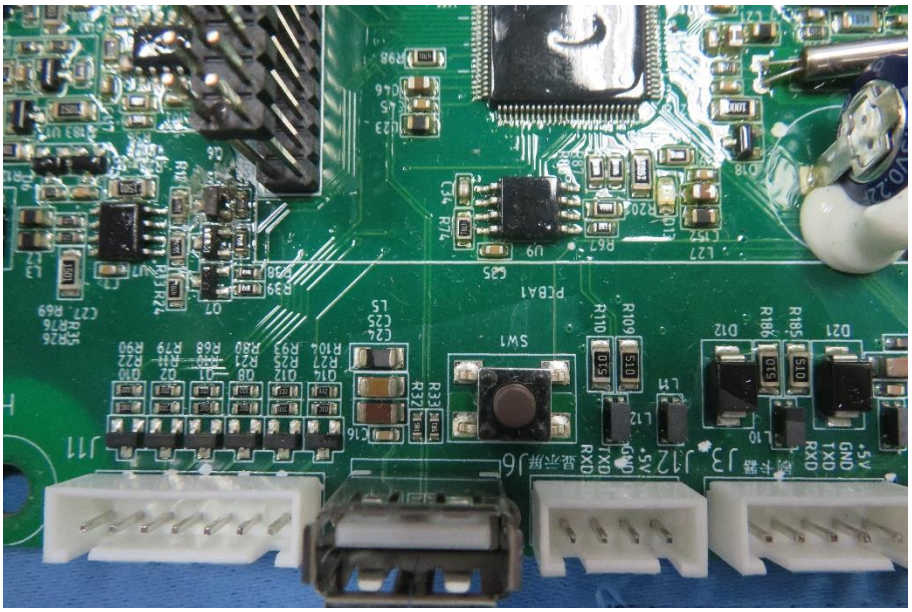

Q17
HS2
D16
U12
C67
C123
C79
C80
R69
C73
C72
C74
C75
C76
C77
Q9
U6
L29
L1
U13
C51
C52
C125
C124
L28
WASHING

REMOVE
AFTER
WASHING
J18
+3.3V
GND
NRST
SWCLK
SWDIO
+3.3V
GND
TXD0
RXD0
+5V
GND
TXD
RXD
H1






REMOVE
AFTER
WASHING
J12
J18
J3
J6
J15
J9
J1
SW1
PCBA1
RXD
TXD
GND
+5V
+3.3V
SWDIO
SWCLK
NRST
RXD0
TXD0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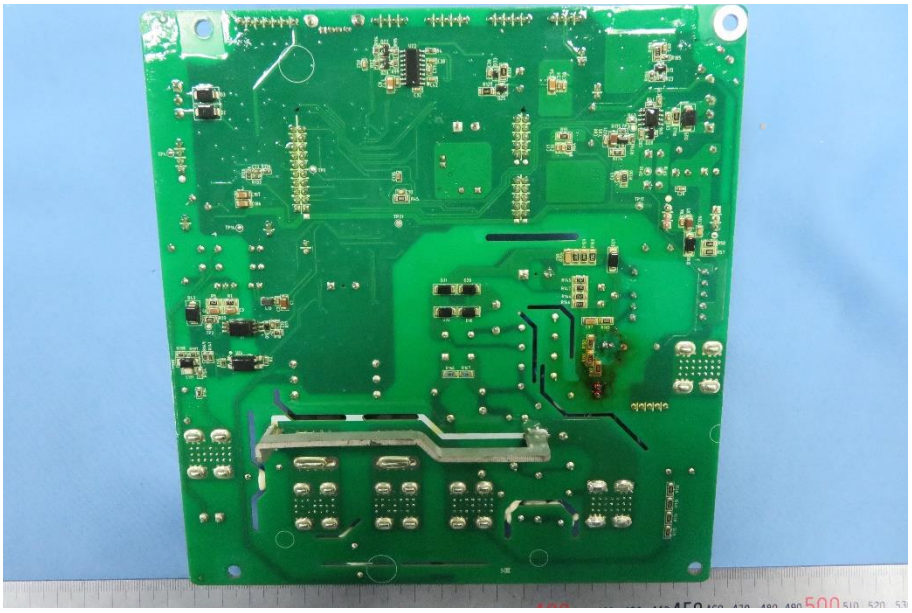
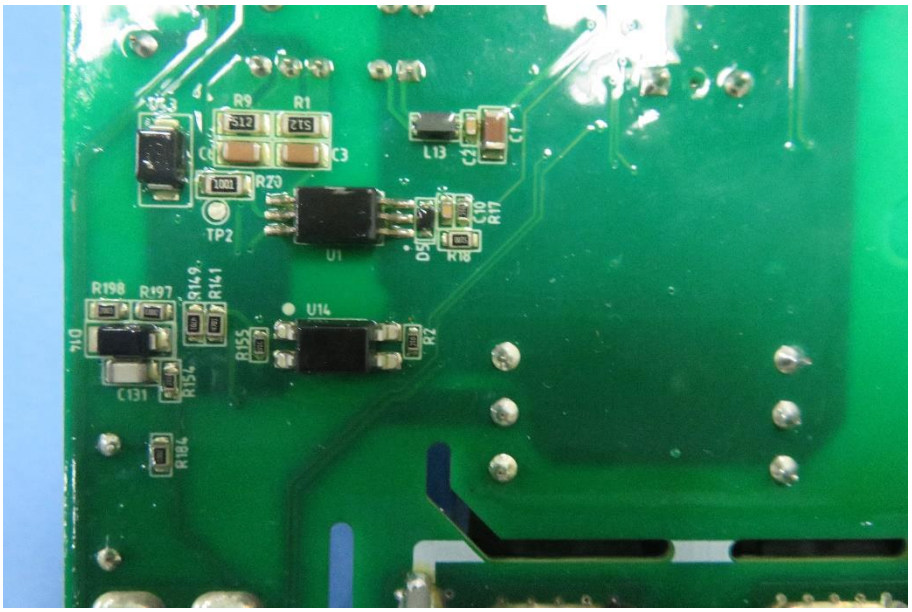
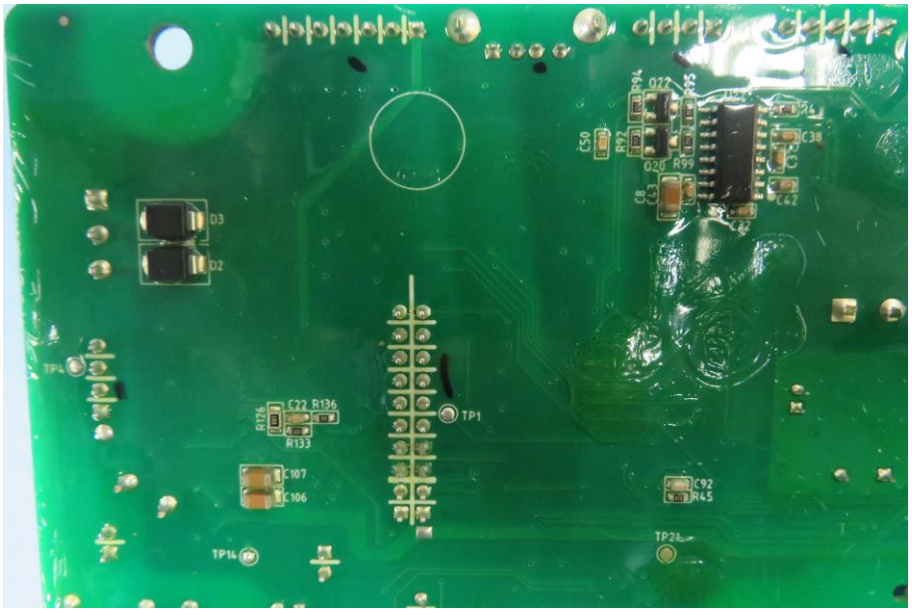
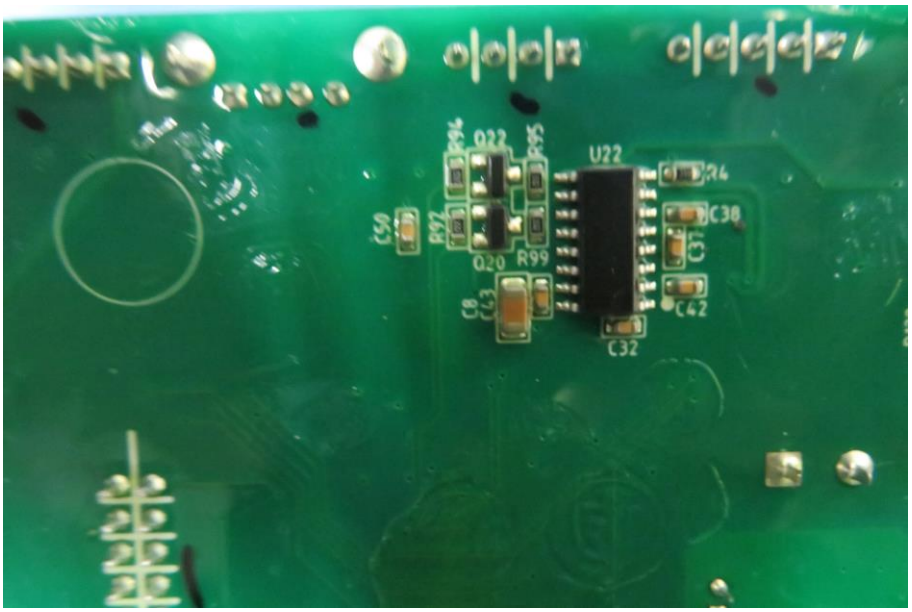
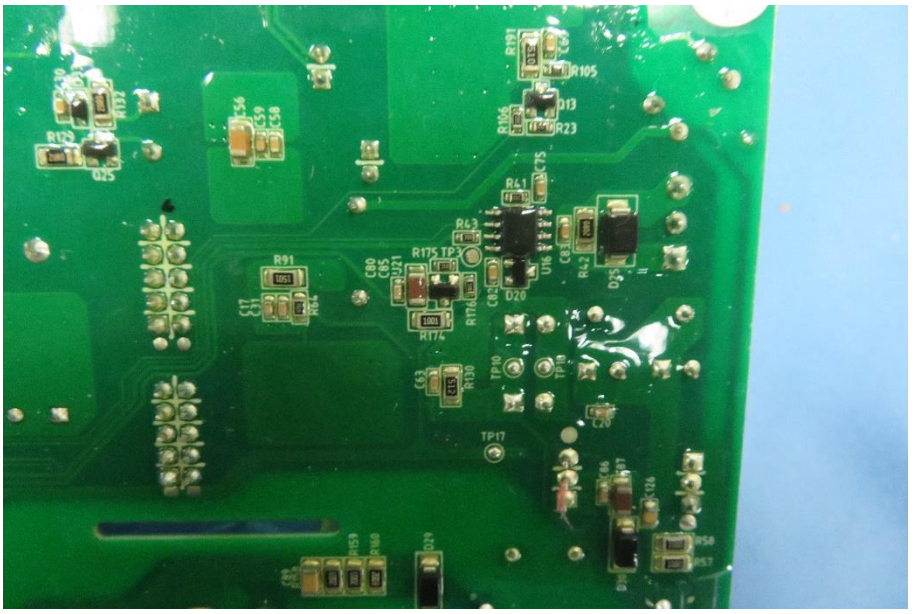
J12
J3
SW1
PCBA1
RXD
TXD
GND
+5V
RXD
TXD
GND
+5V

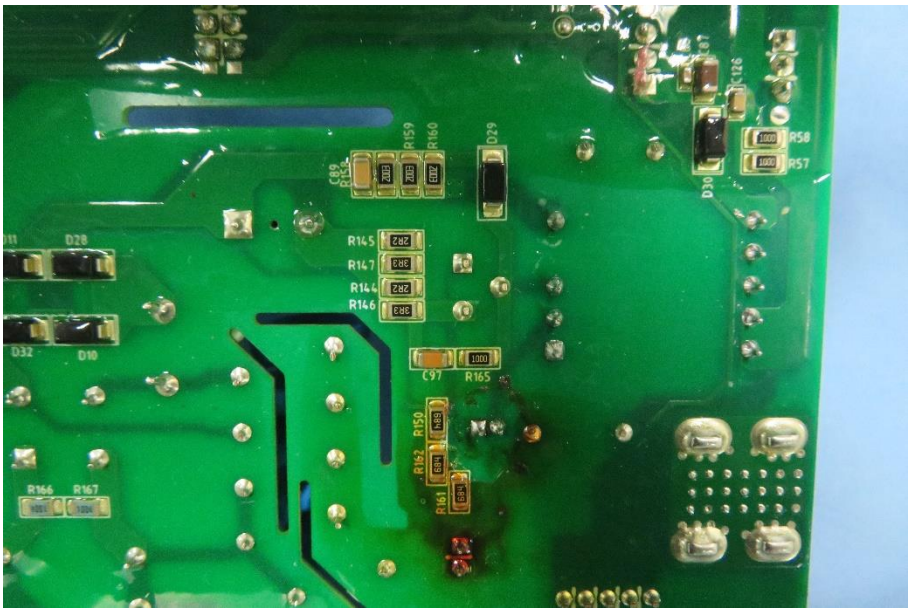


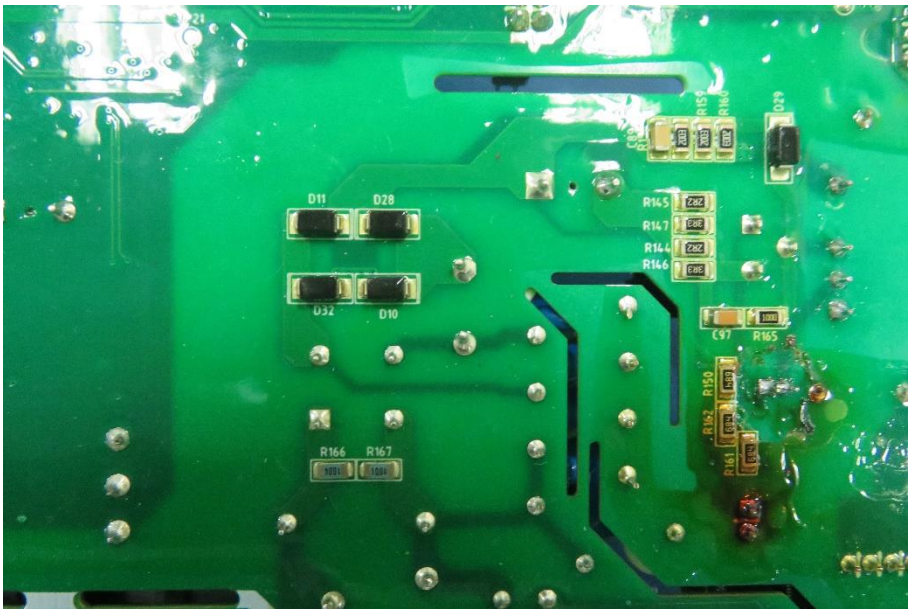

R9
R1
C3
L13
C1
R20
TP2
U1
C10
R17
R18
R198
R197
R149
R141
U14
R155
R2
Q14
C131
R154
R184

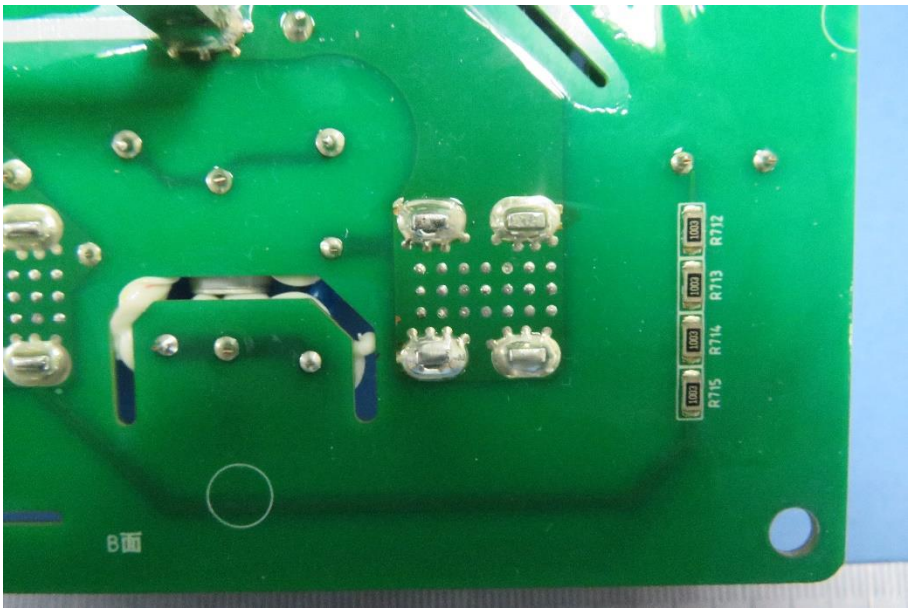

Q22
R94
C50
R92
Q20
R99
C38
C8
C43
C42
D3
D2
TP4
R126
C22
R136
R133
TP1
C107
C106
C92
R45
TP14
TP24

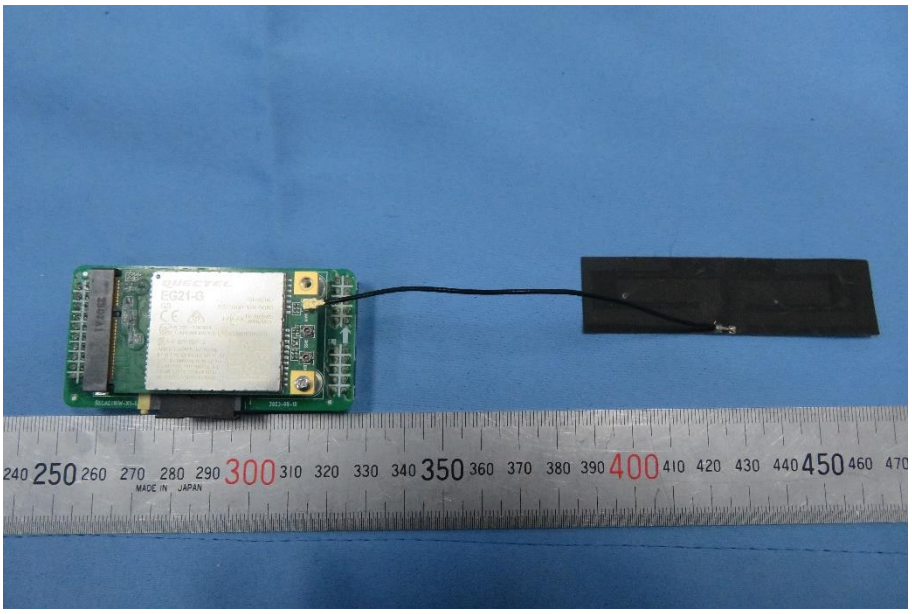

U22
R94
Q22
R95
C50
R97
Q20
R99
C8
C43
C24
C38
C37
C42
C32

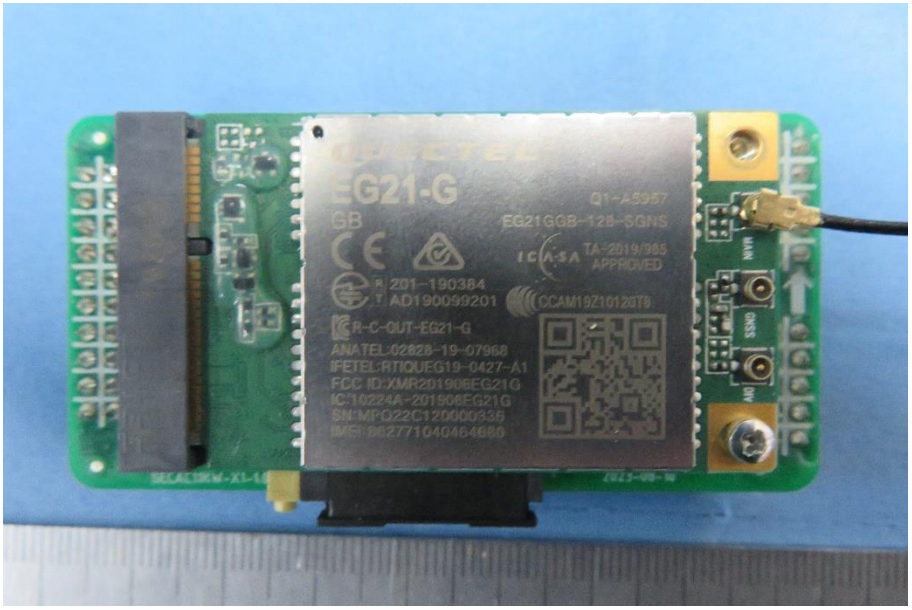

R191
R105
D13
R106
R23
R41
CTS
R63
R175
TP3
R91
C80
C85
U21
U6
R42
C83
D20
R176
R174
C63
R130
TP10
TP9
TP14
C20
TP17
R58
R57


R159
R160
D29
R58
R57
D30
D11
D28
R145
R147
R144
R146
D32
D10
C97
R165
R150
R162
R161
R166
R167


D29
D11
D28
R145
R147
R144
R146
D32
D10
C97
R165
R159
R162
R161
R166
R167


R712
R713
R714
R715
B面


EG21-G
MADE IN JAPAN


QUECTEL
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EG21GGB-128-SGNS
TA-2019/365
APPROVED
201-190384
AD190099201
CCAM19Z10120T9
R-C-QUT-EG21-G
ANATEL:02828-19-07968
IFETEL:RTIQUEG19-0427-A1
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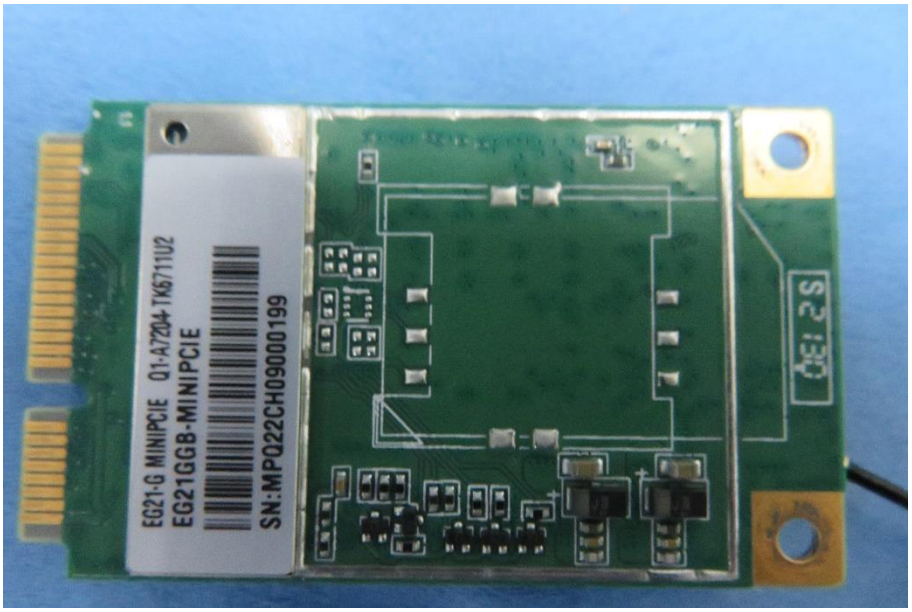
MAIN
GNSS
ANT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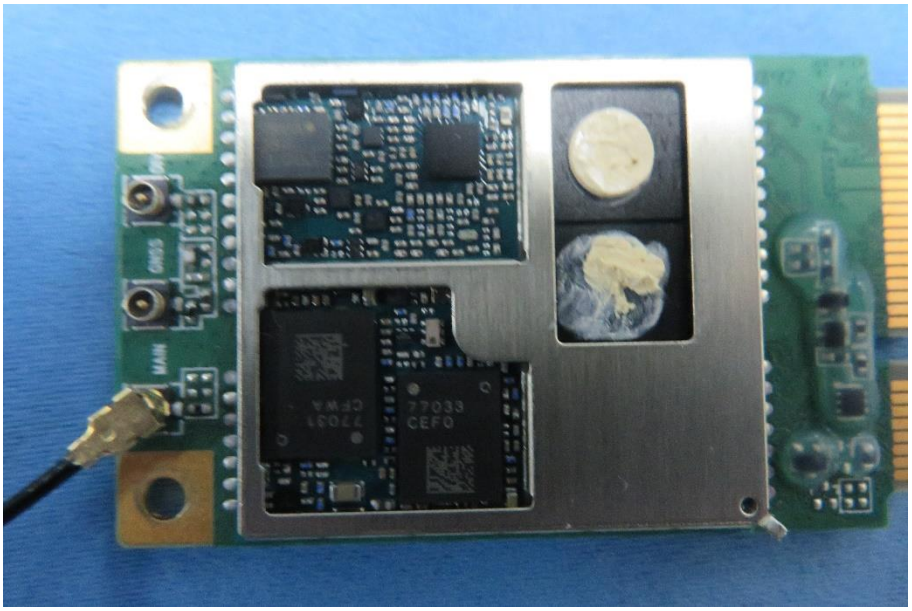
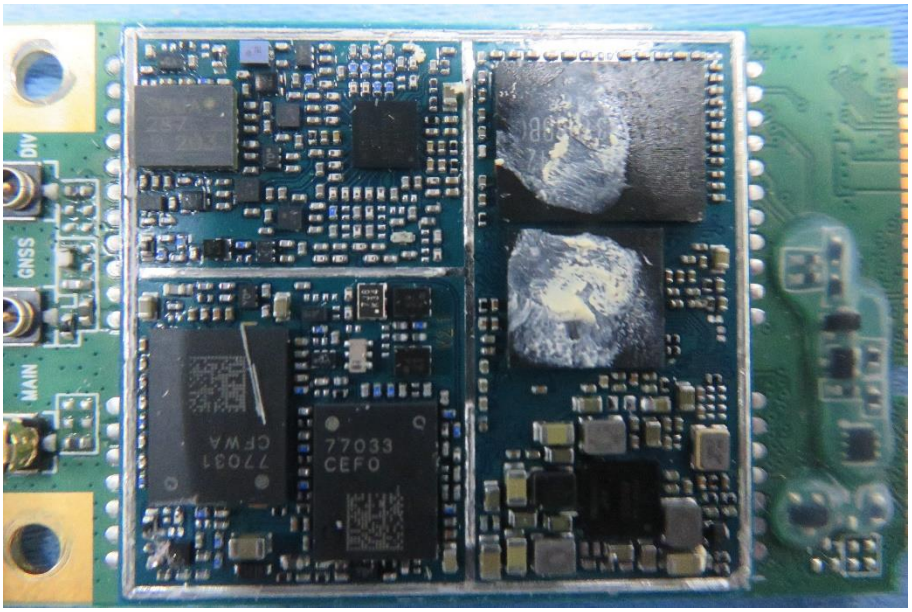

DIV
GNSS
MAIN
77031
CFWA
77033
CEF0


DIV
GNSS
MAIN
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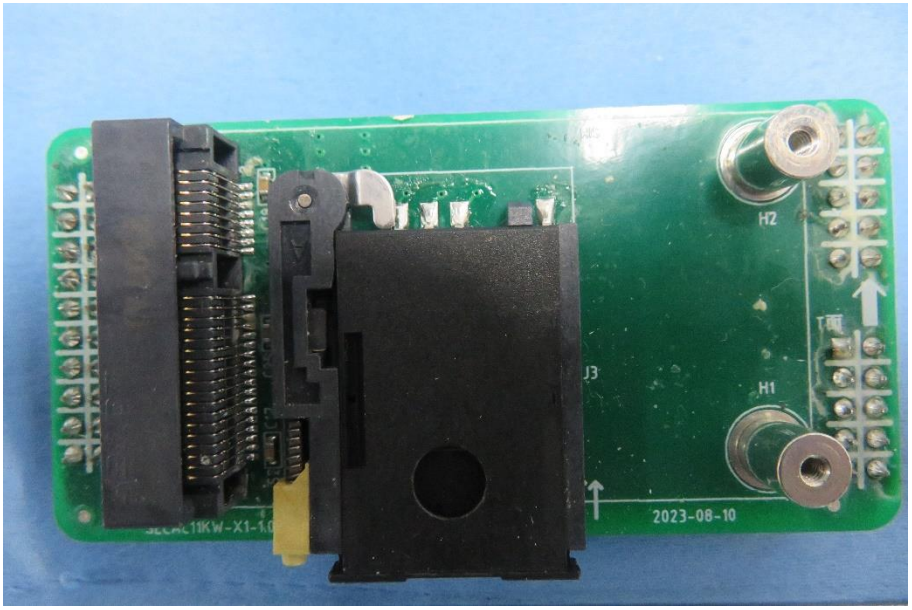
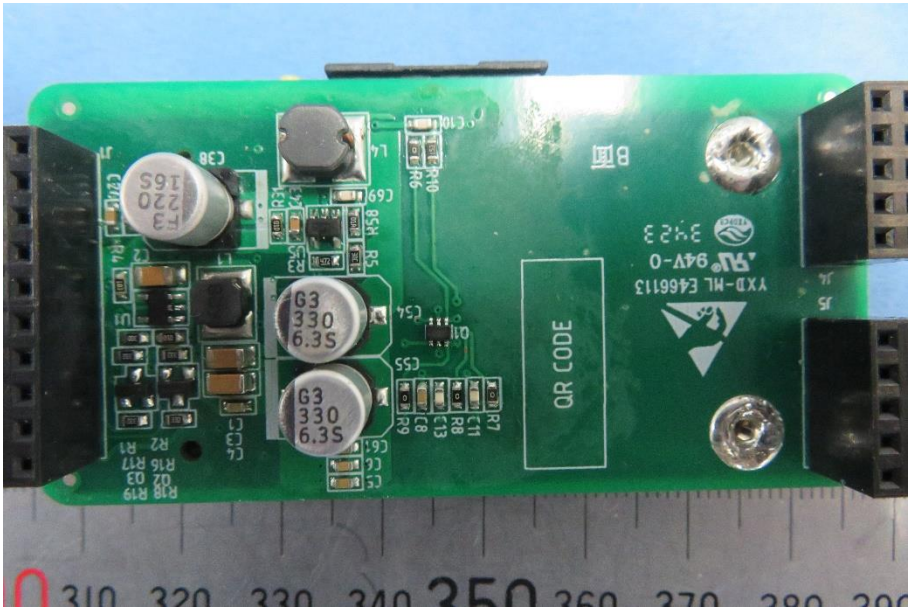
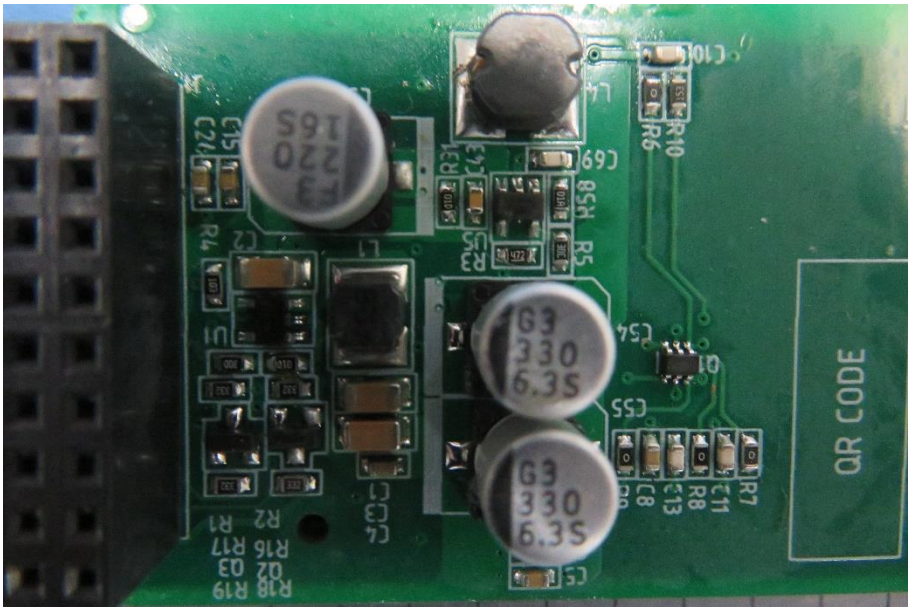
CFWA
77033
CEF0


H2
J3
H1
2023-08-10


B面
QR CODE
YXD-ML E466113
94V-0
3W23
G3
330
6.3S
G3
330
6.3S
F3
220
16S
0
310
320
330
340
350
360
370
380


QR CODE
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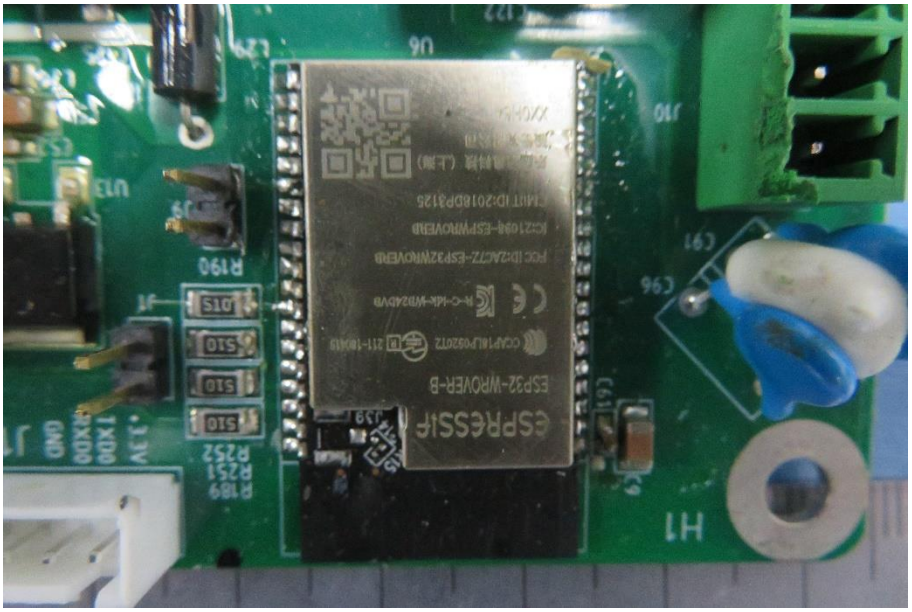
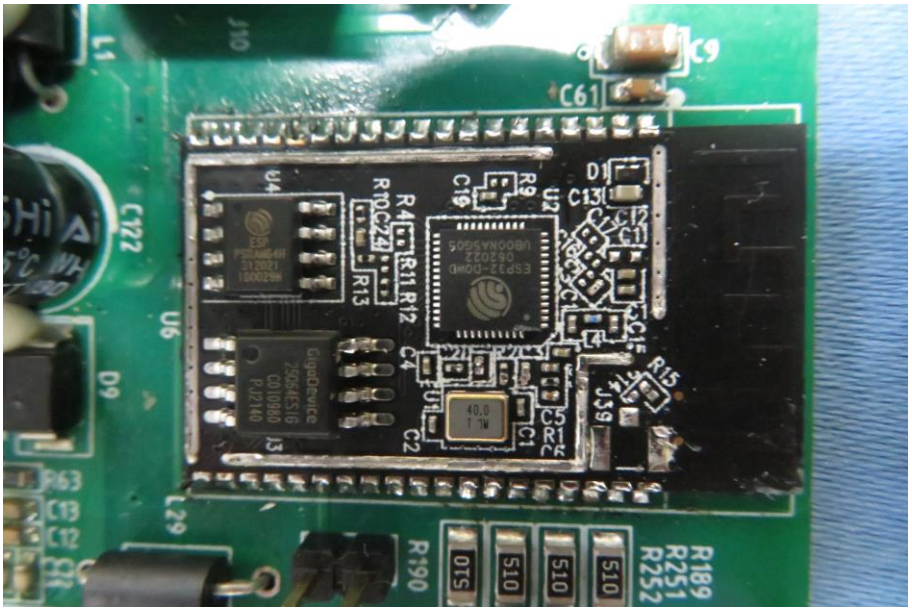
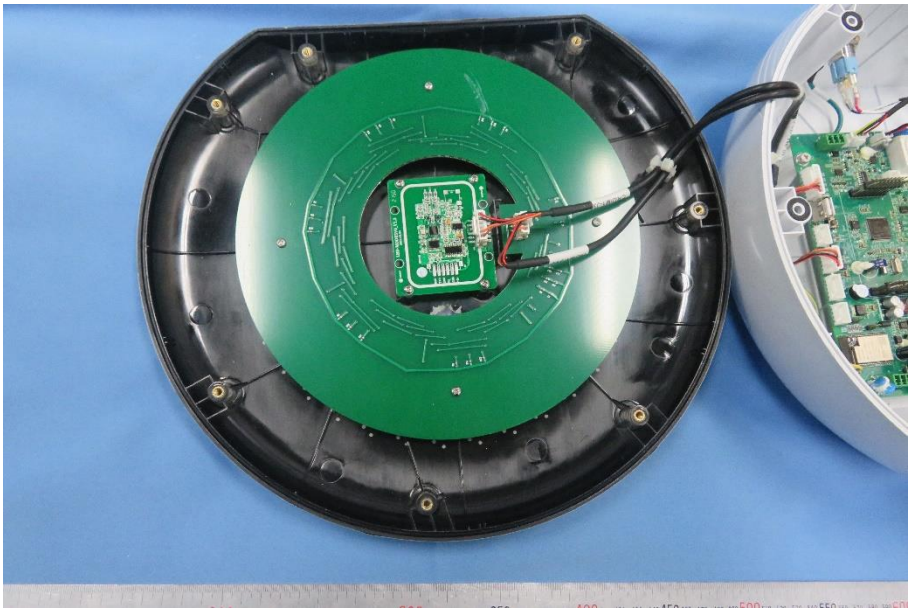
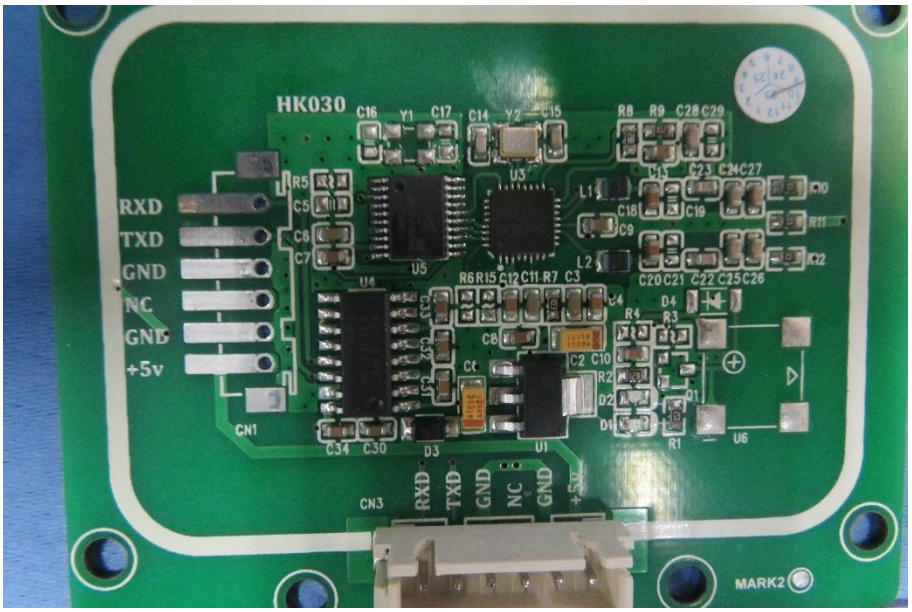
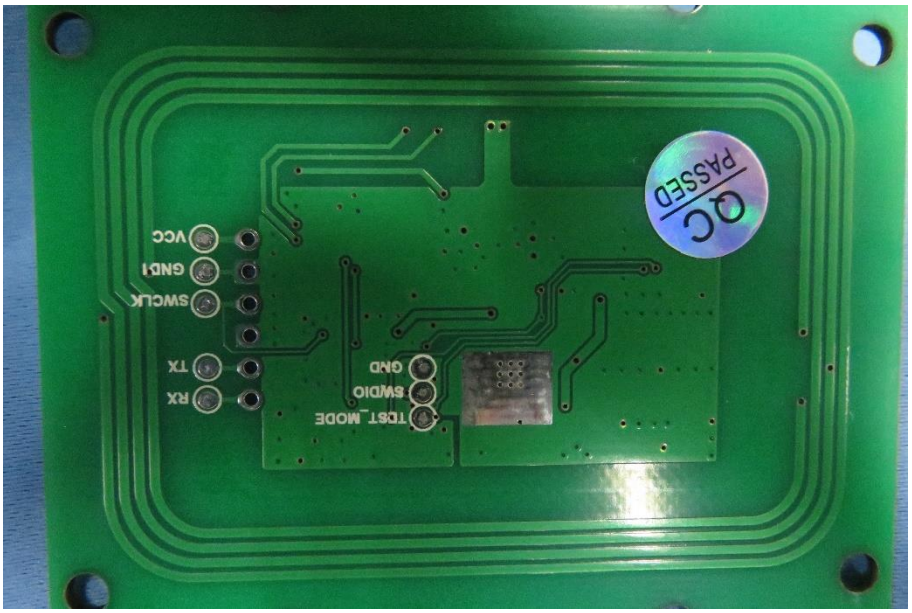
6.3S
F3
220
16S

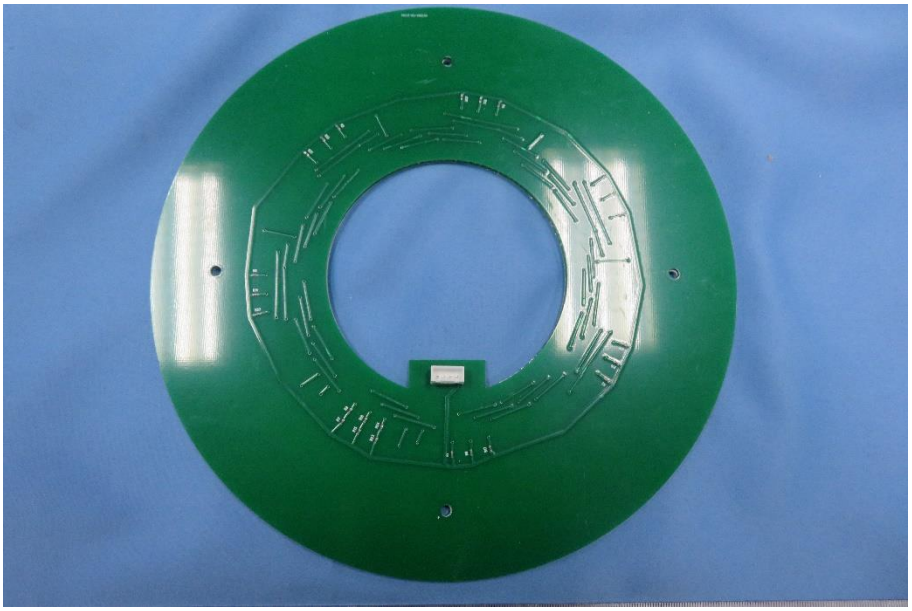

ESPRESSIF
ESP32-WROVER-B
H1
3.3V
TXD0
RXD0
GND


C9
C61
D1
C13
C12
C11
C19
R9
U2
R4
R10
C24
R11
R12
R13
U4
C4
U1
C2
C1
C5
R16
C15
R15
J59
U6
D9
C122
L1
J10
L29
F63
C13
C12
R190
R189
R251
R252
510
510
510
510

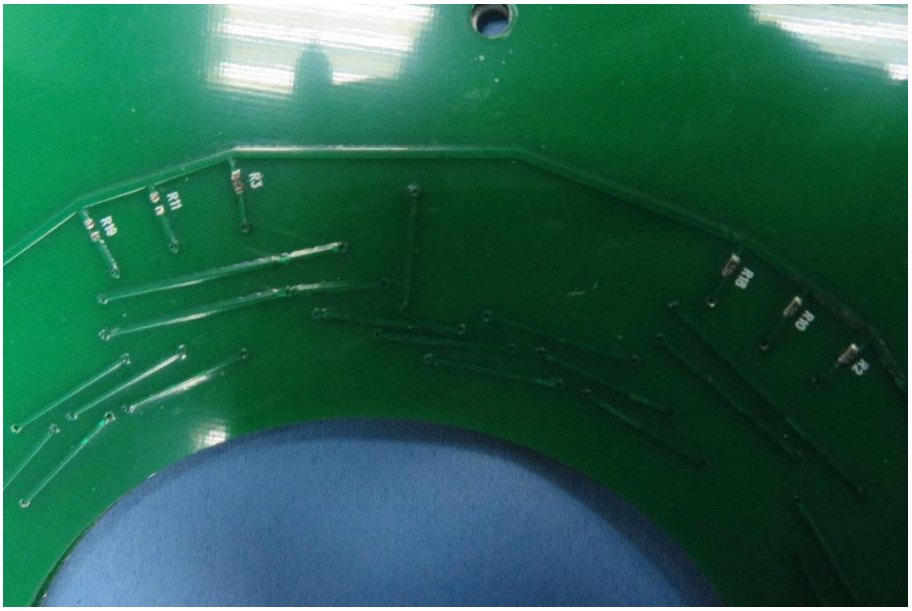



HK030
RXD
TXD
GND
NC
GND
+5v
CN1
CN3
RXD
TXD
GND
NC
GND
+5V
MARK2

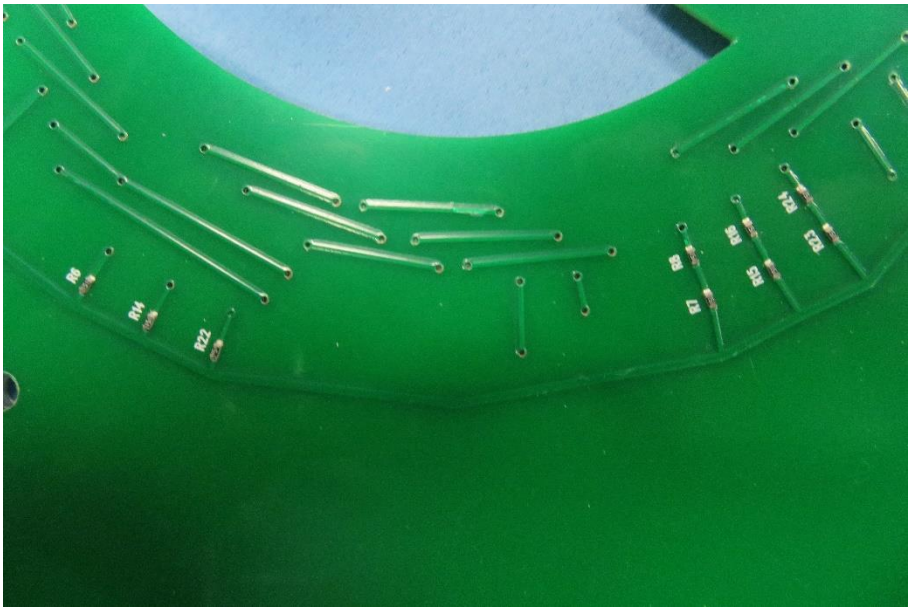

VCC
GND
SWCLK
TX
RX
GND
SWDIO
TEST_MODE
QC
PASSED

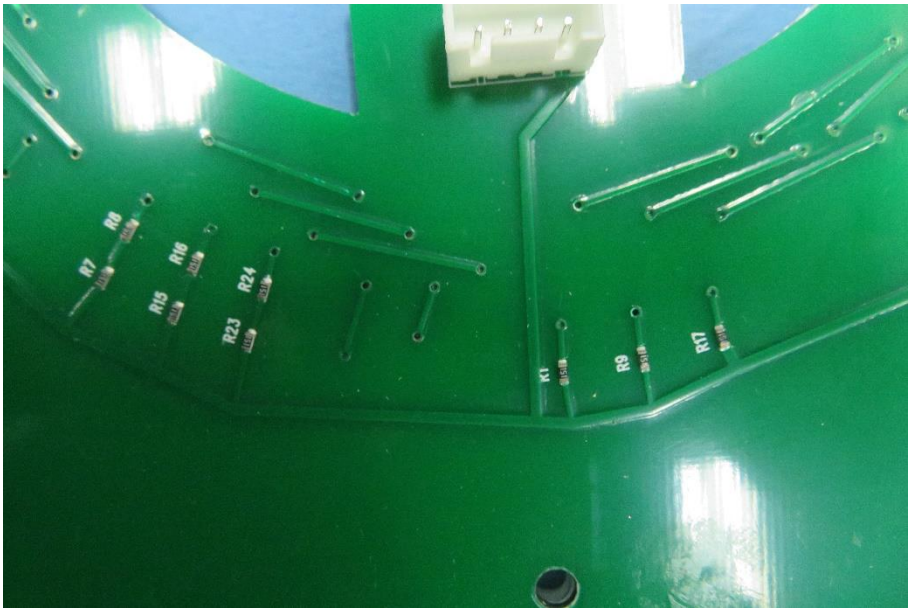
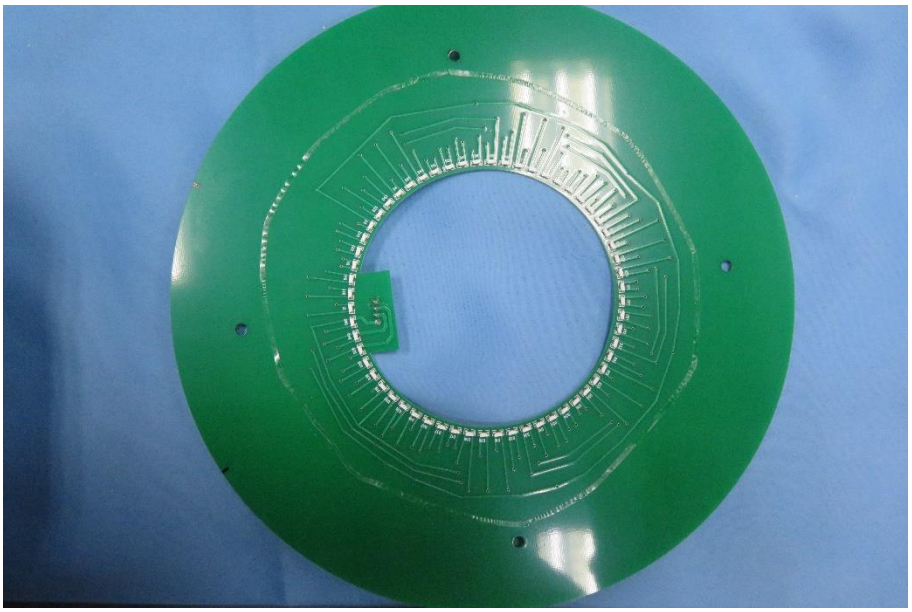
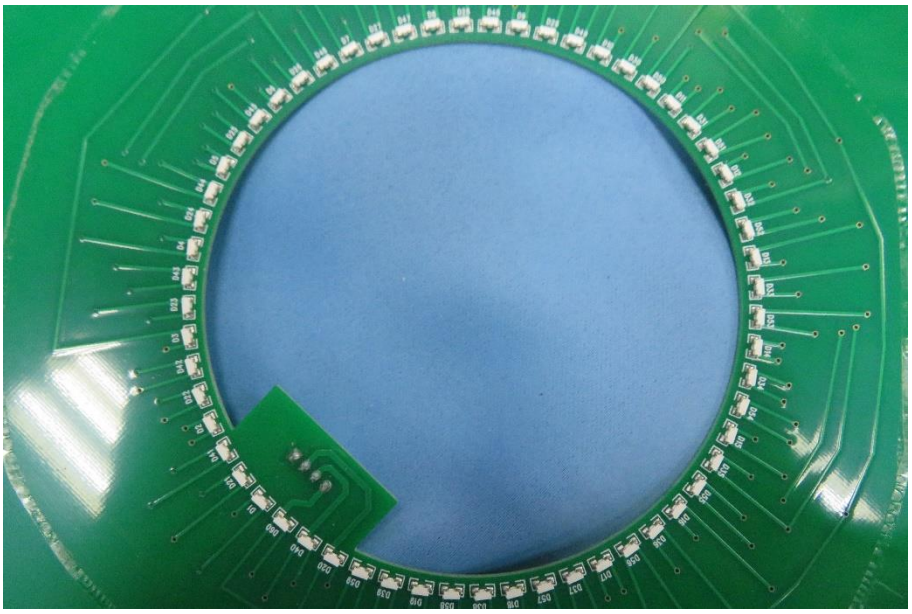
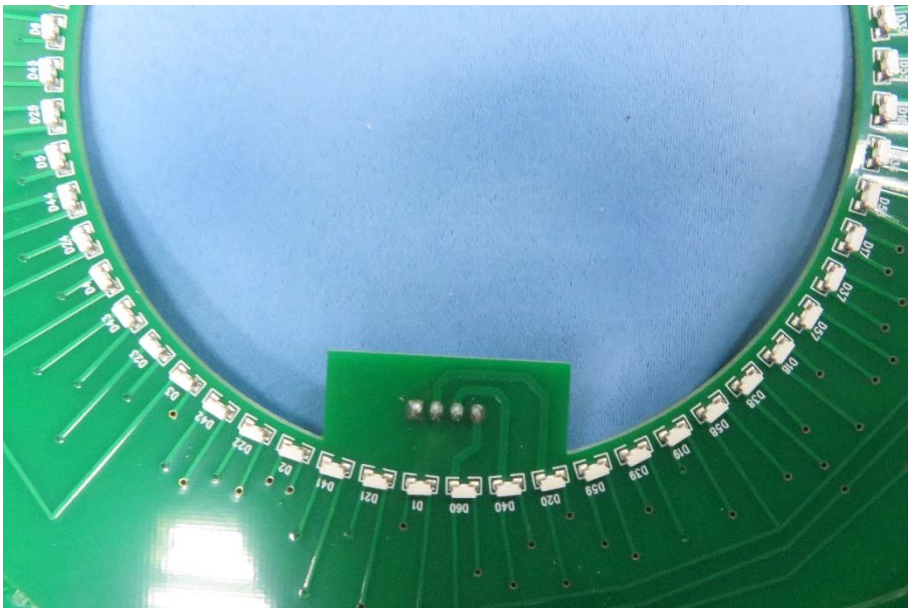
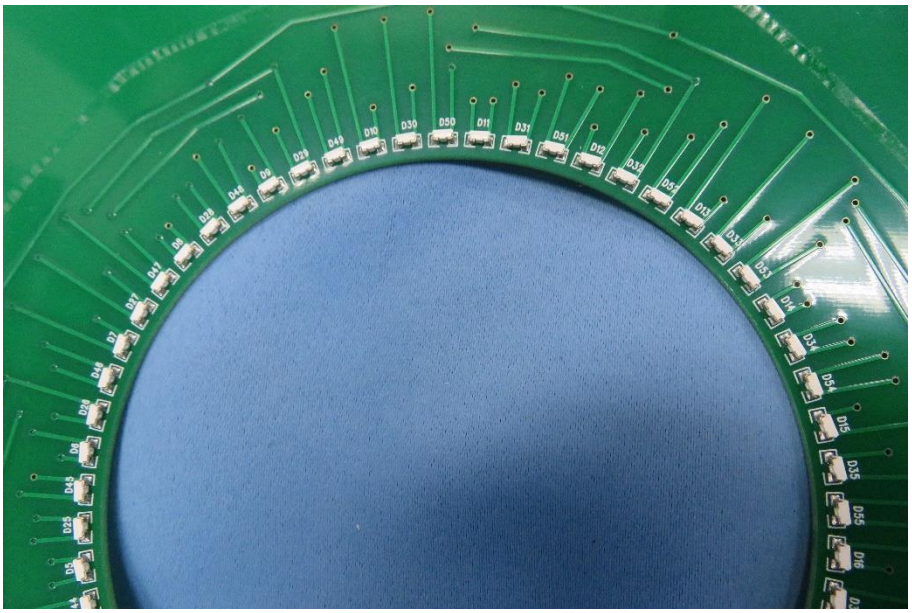


R7
R8
R15
R16
R23
R24
K1
R9
R17


R2
R10
R18
R3
R11
R19

R4
R12
R20
R5
R13
R21


R23
R22
R8
R15
R7
R14
R22


R7
R8
R16
R24
R15
R23
K1
R9
R17