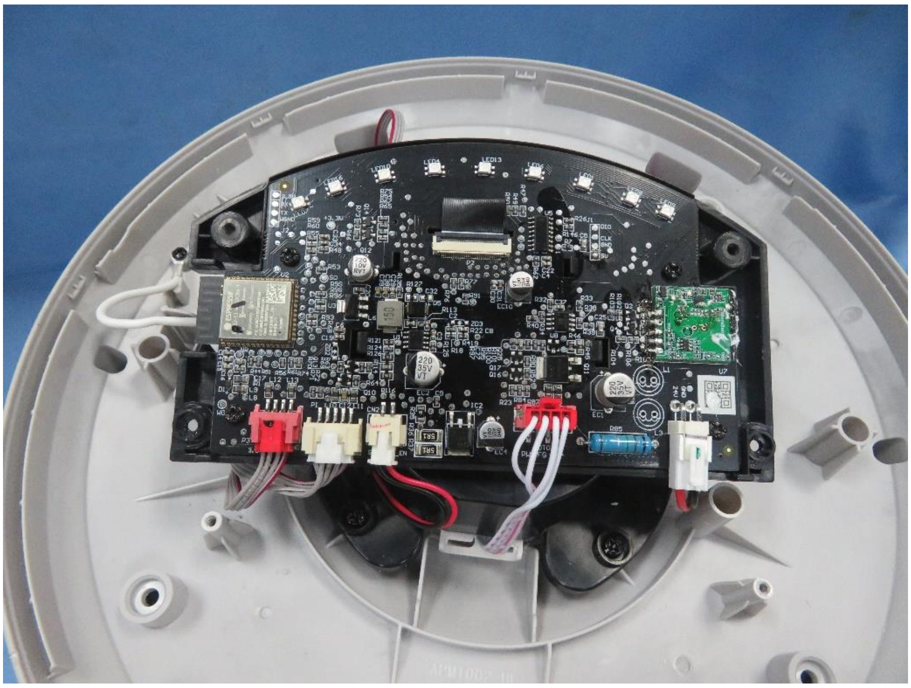
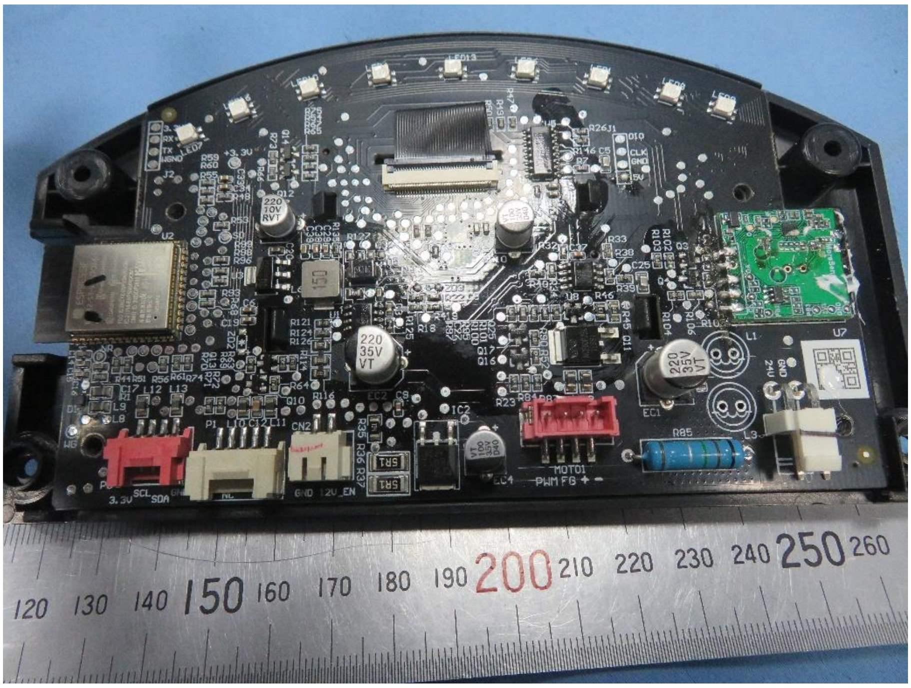
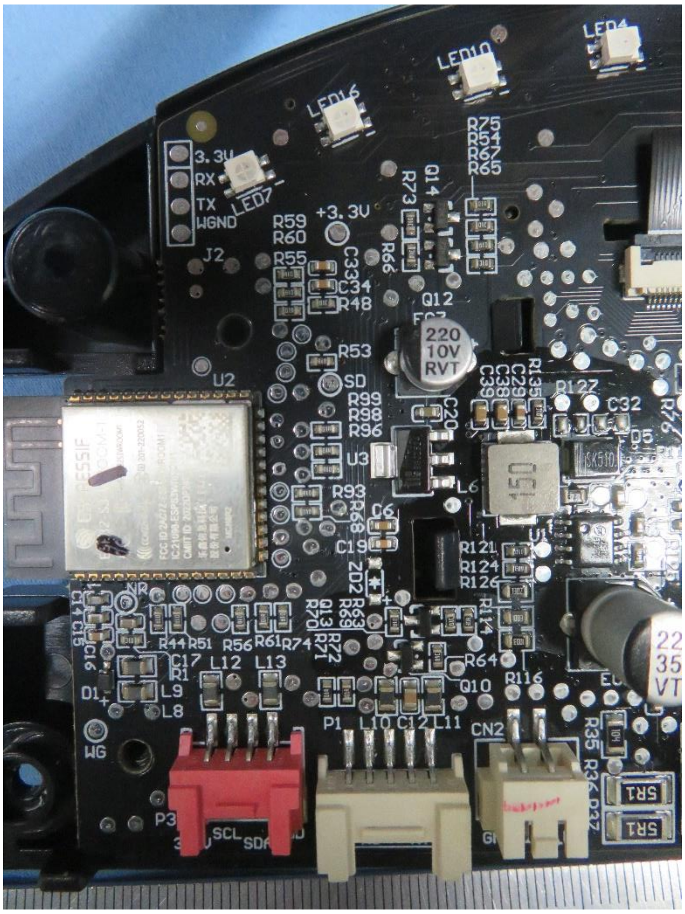
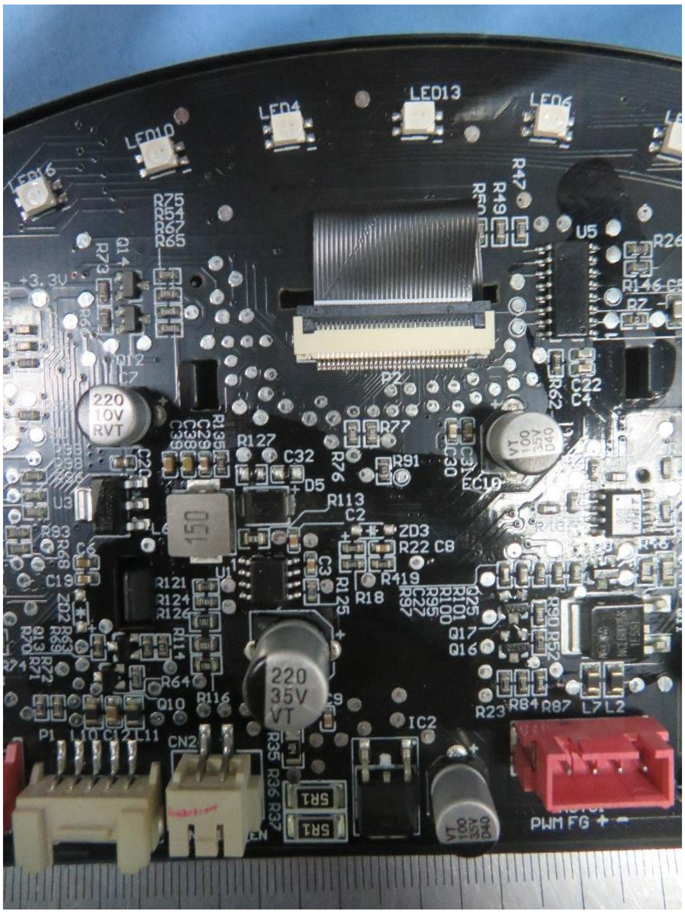
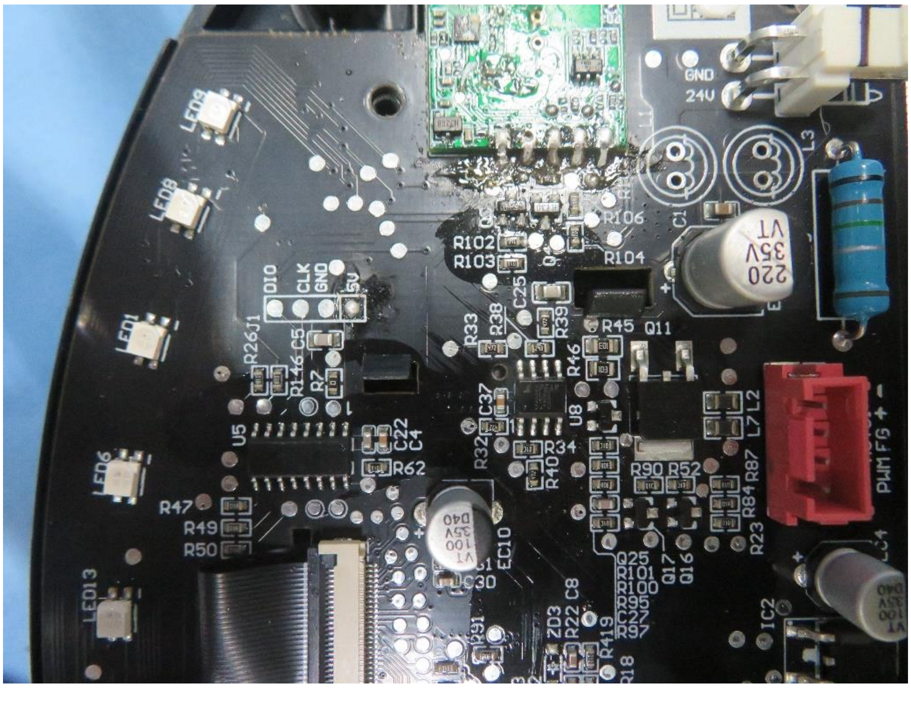
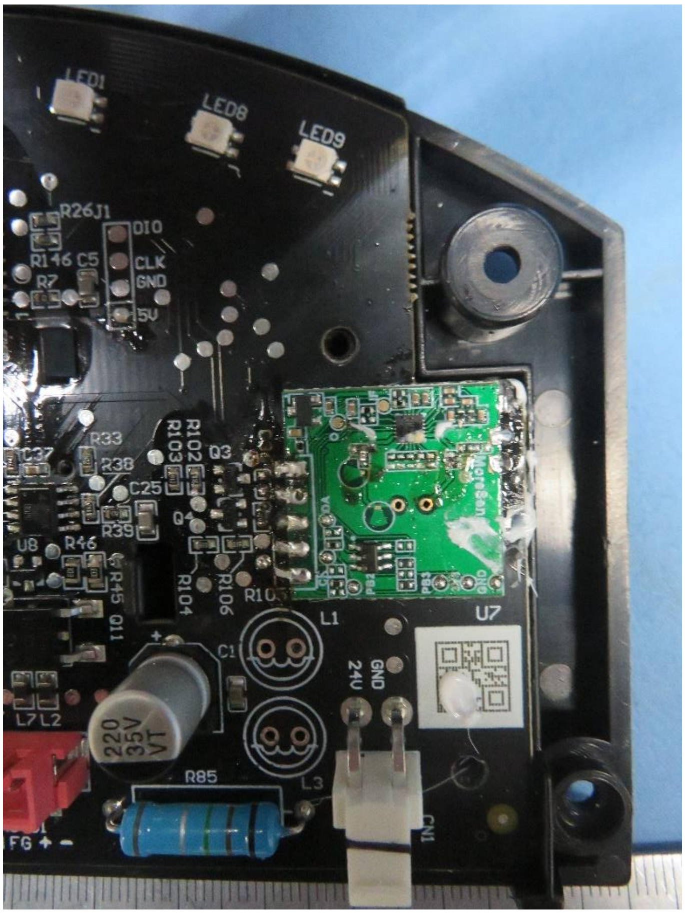


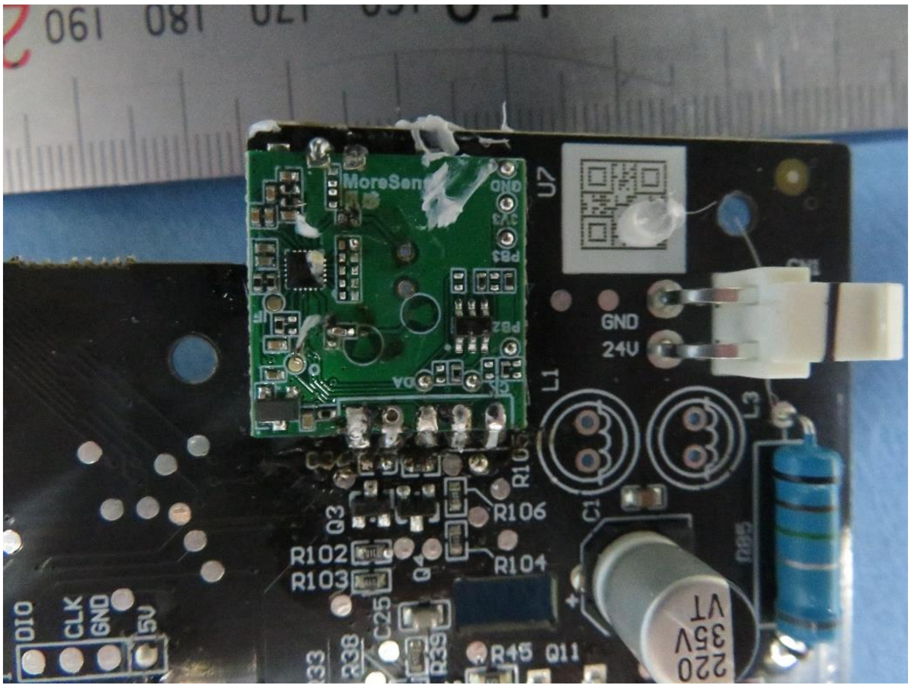

3.3V
RX
TX
WGND
U2
U7
MOTO1
PWM FG + -
GND 12V_EN
SCL
SDA
220 35V VT
R85
120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

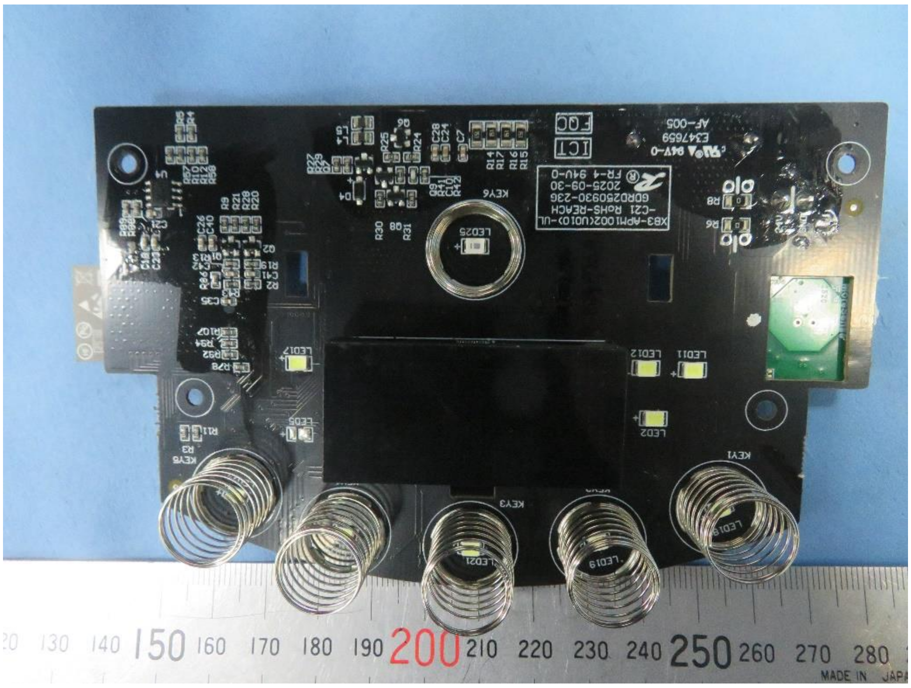

LED16
LED10
LED4
3.3V
RX
TX
WGND
LED7
J2
+3.3V
R59
R60
R55
R53
SD
U2
U3
L6
220 10V RVT
Q12
Q14
R75
R54
R67
R65
P1
L10
C12
L11
CN2
P3
SCL
SDA
WG
D1
L8
L9
L12
L13
R35
R36
SR1
SR1

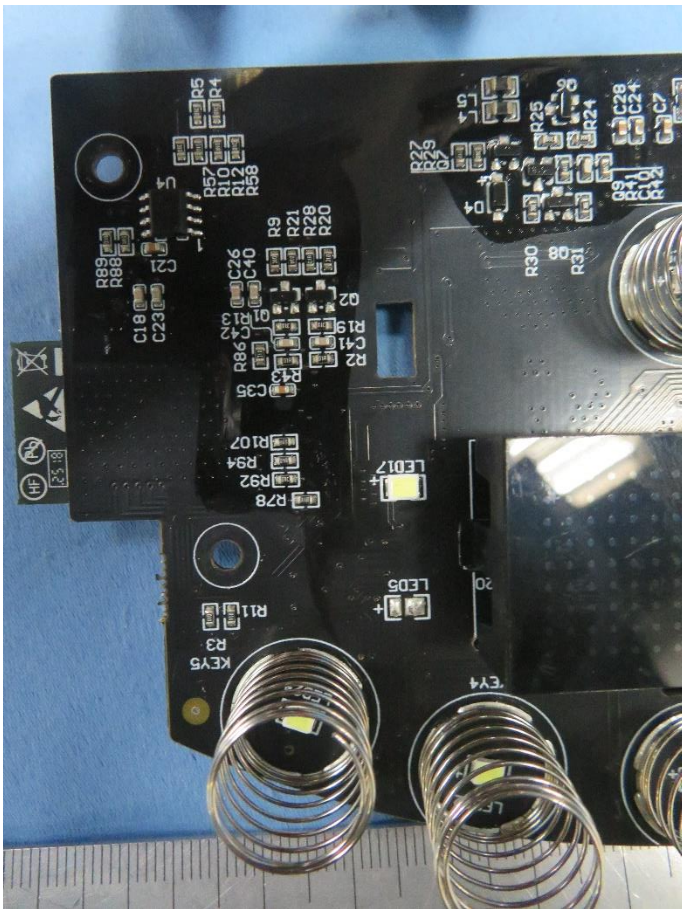


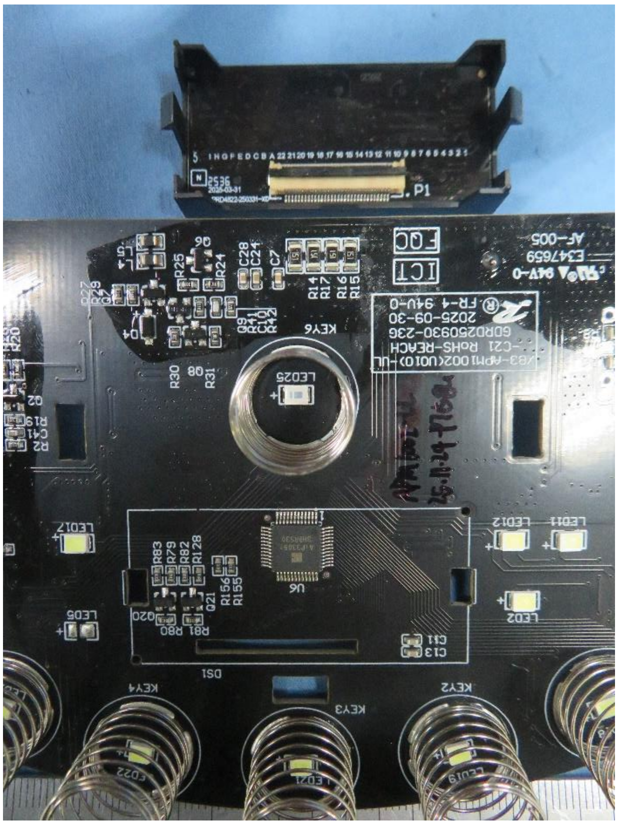


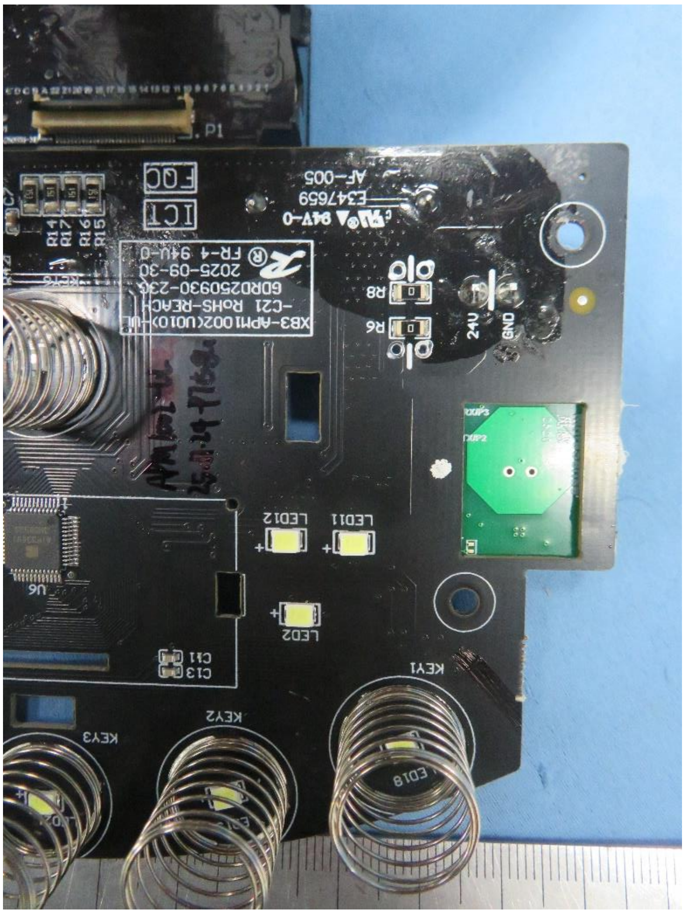

LED1
LED8
LED9
R26
J1
R146
C5
DIO
CLK
GND
5V
R7
R33
C37
R38
R102
R103
Q3
C25
R39
Q4
U8
R46
R45
R104
R106
R10
Q11
L1
C1
U7
24V
GND
L7
L2
220
35V
VT
R85
L3
FG + -

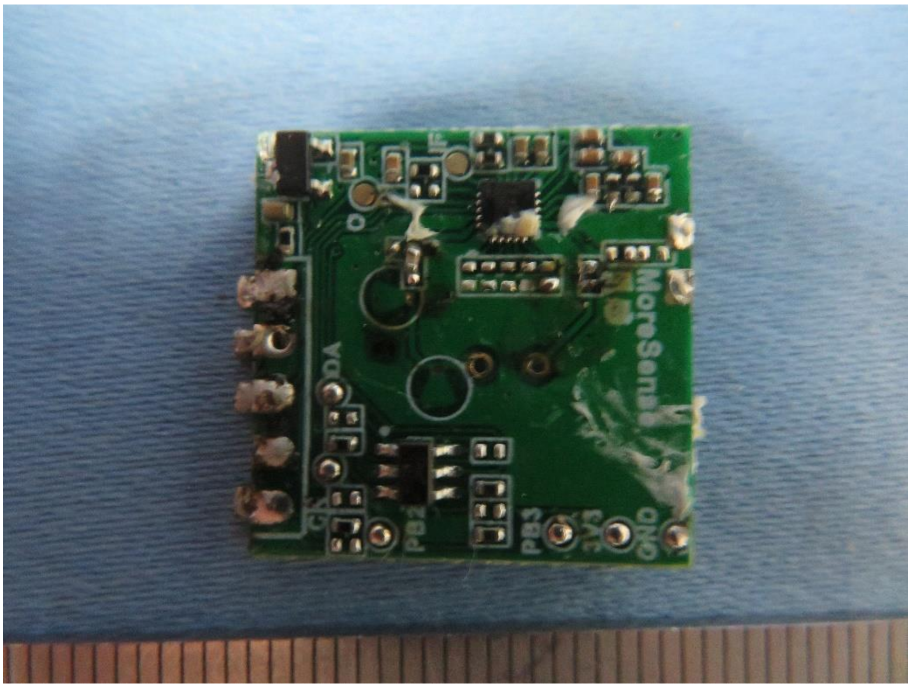

190
180
170
MoreSens
GND
3V3
PB1
PB2
U7
GND
24V
L1
L3
R10
R106
R104
Q3
R102
R103
Q4
C25
R38
R33
R39
R45
Q11
C1
R85
220
35V
VT
DIO
CLK
GND
5V

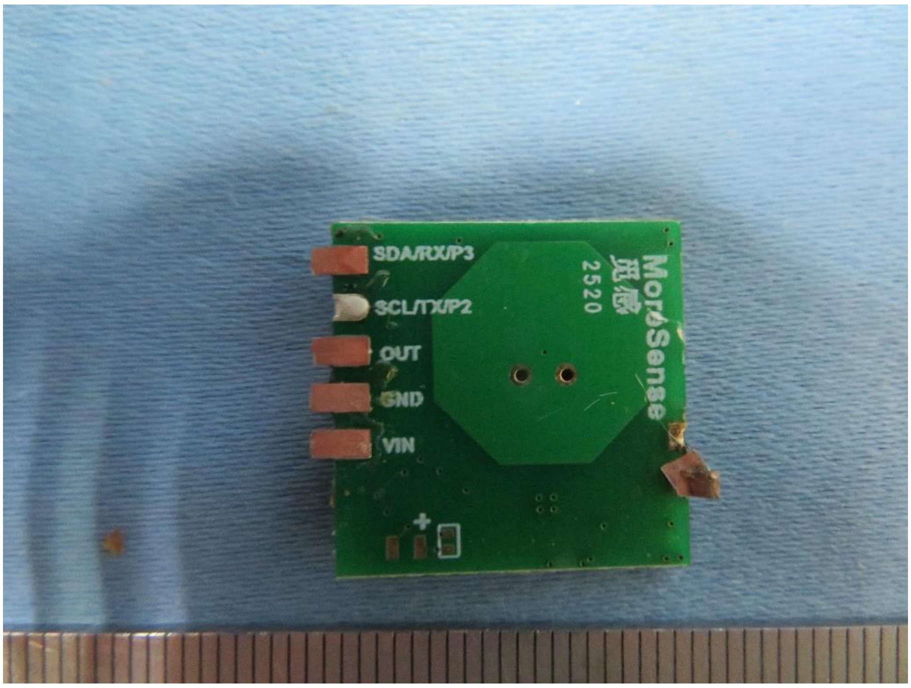

XB3-APM1002(U01D)-UL
-C21 ROHS-REACH
6DR0250930-236
2025-09-30
FR-4 94V-0
E347659
AF-005
ICT
FQC
LED25
LED17
LED11
LED12
LED2
LED5
KEY1
KEY3
KEY5
KEY6
150
200
250
MADE IN JAPAN

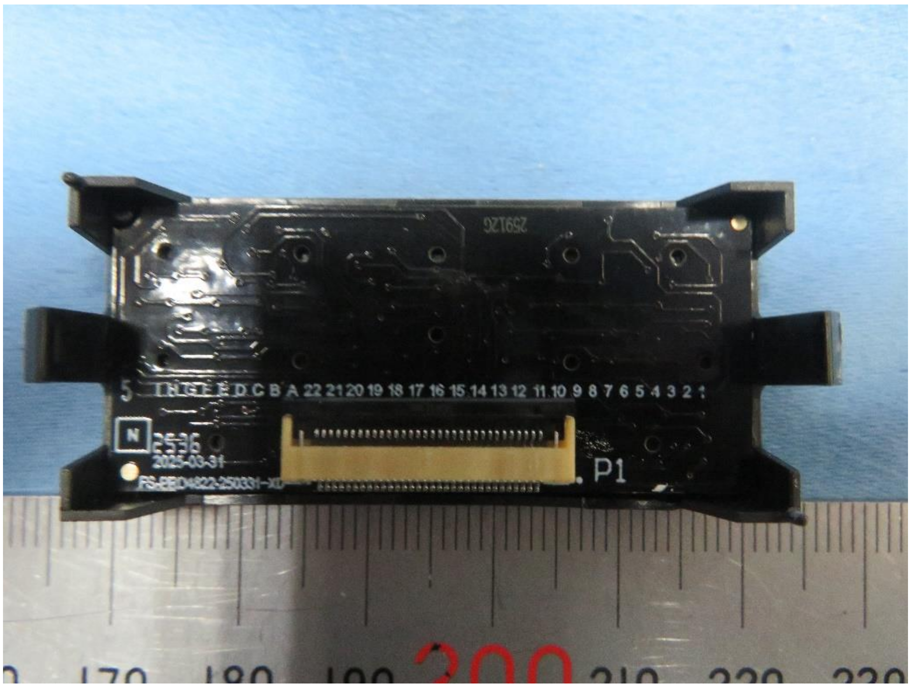

U4
LED17
LED5
KEY5
R3
R11

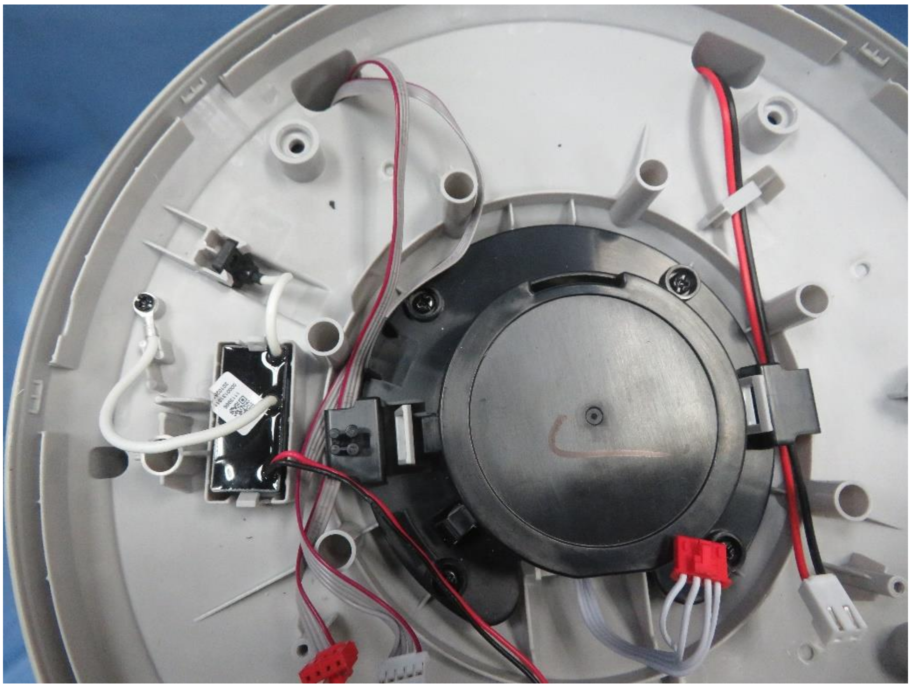

P1
KEY6
LED25
U6
DS1
KEY4
KEY3
KEY2
LED17
LED12
LED11
LED2
LED5
AF-005
E347659
94V-0
XB3-APM1002(U01O)-UL
-C21 RoHS-REACH
6DRD250930-236
2025-09-30
FR-4 94V-0
FQC
ICT

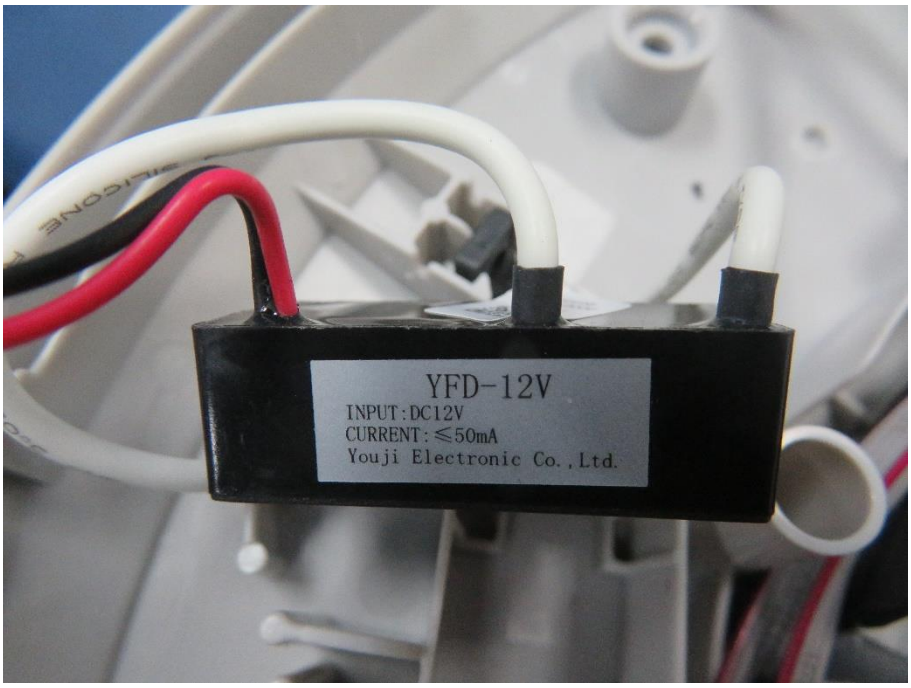

P1
FQC
ICT
AF-005
E347659
94V-0
XB3-APM1002(U01O)-UL
-C21 RoHS-REACH
6DRD250930-236
2025-09-30
FR-4 94V-0
R8
R6
24V
GND
LED12
LED11
LED2
U6
C11
C13
KEY1
KEY2
KEY3
LED18

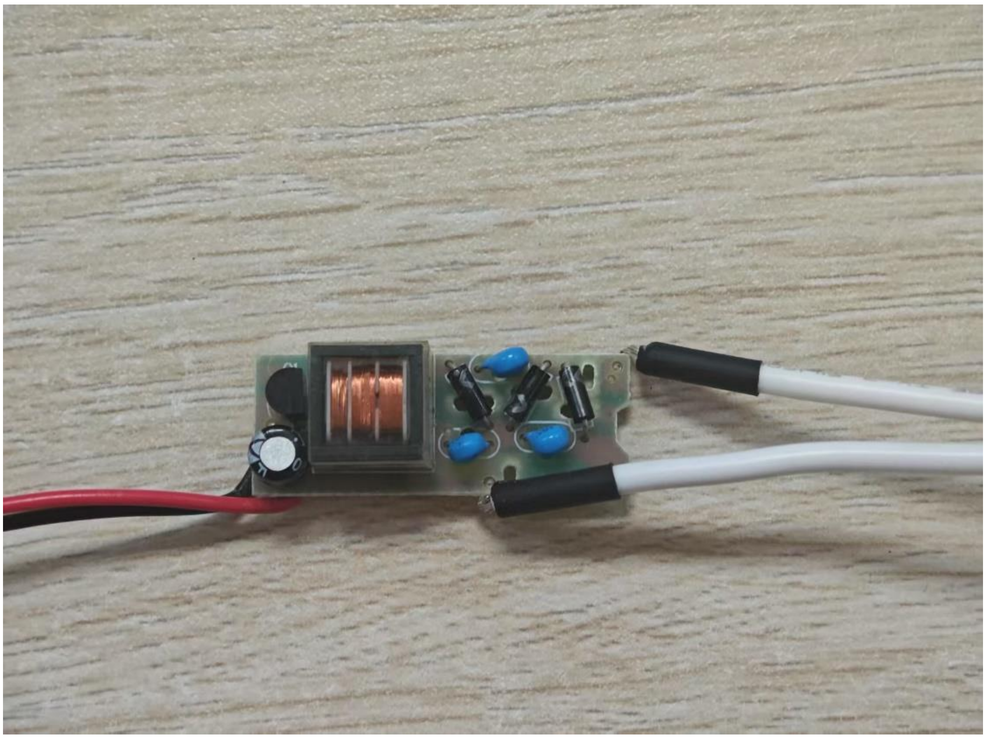

MoreSense
VDD
PB2
PB3
3V3
GND

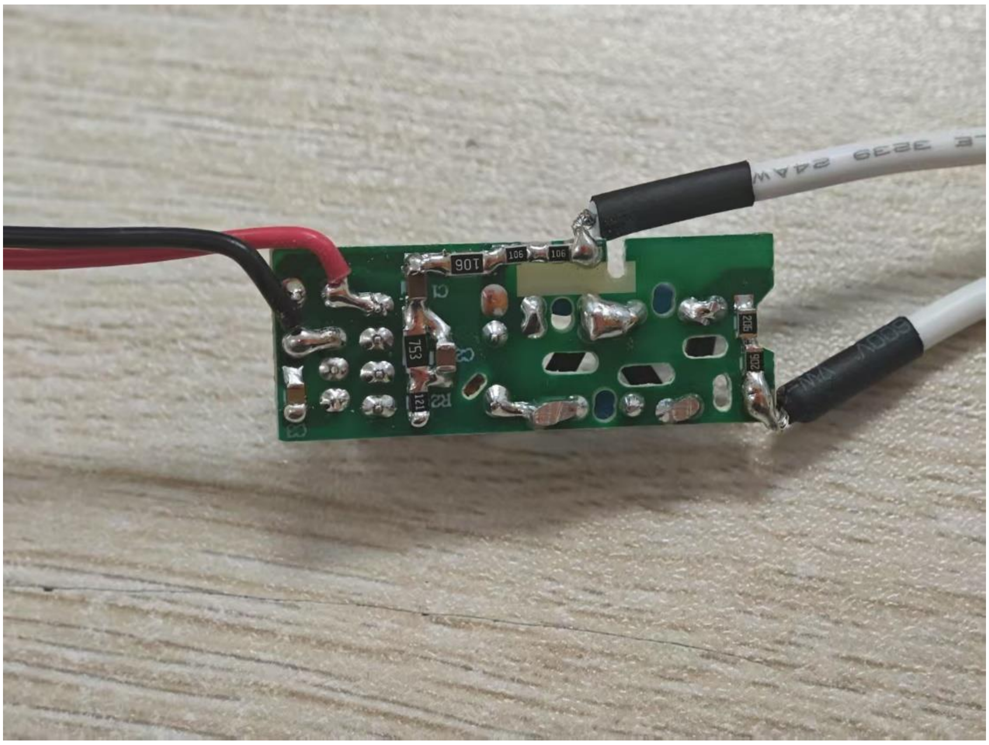

SDA/RX/P3
SCL/TX/P2
OUT
GND
VIN
MoreSense
迅感
2520
+

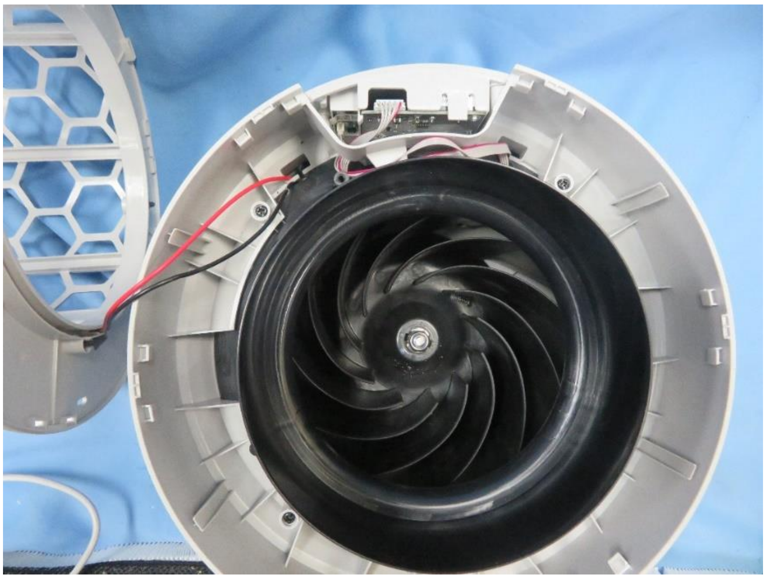

5
I H G F E D C B A 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
2536
2025-03-31
FS-PBD4822-250331-XD
P1
170
180
190
200
210
220
230

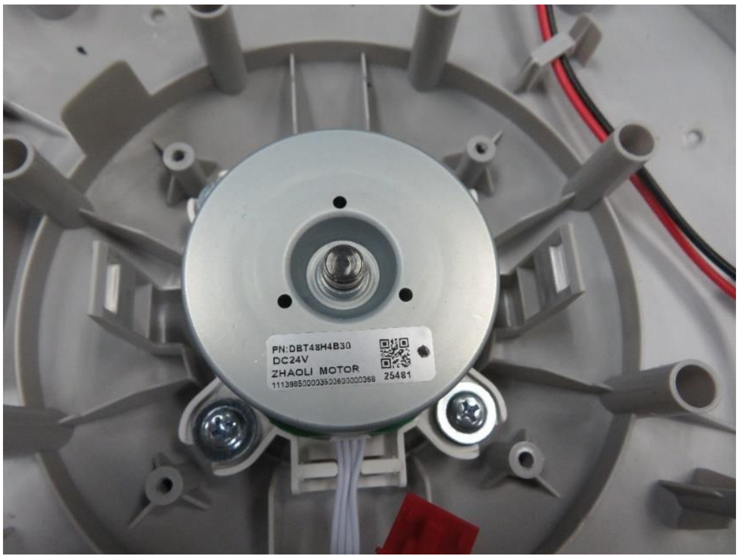


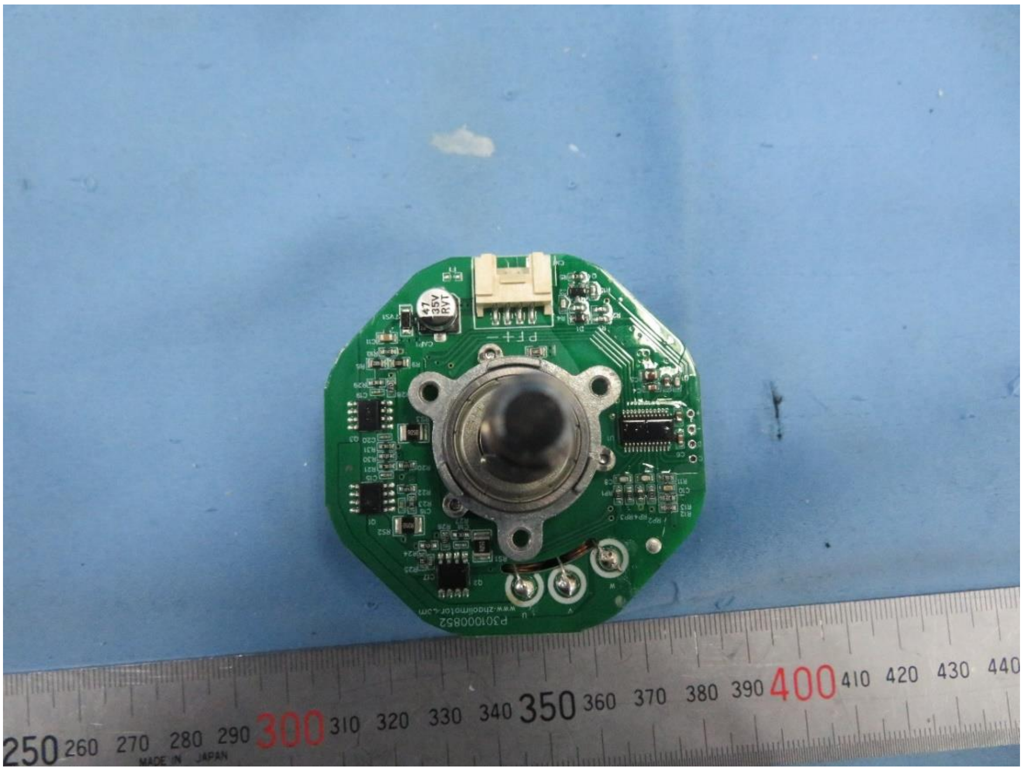

YFD-12V
INPUT:DC12V
CURRENT:≤50mA
Youji Electronic Co.,Ltd.
SILICONE

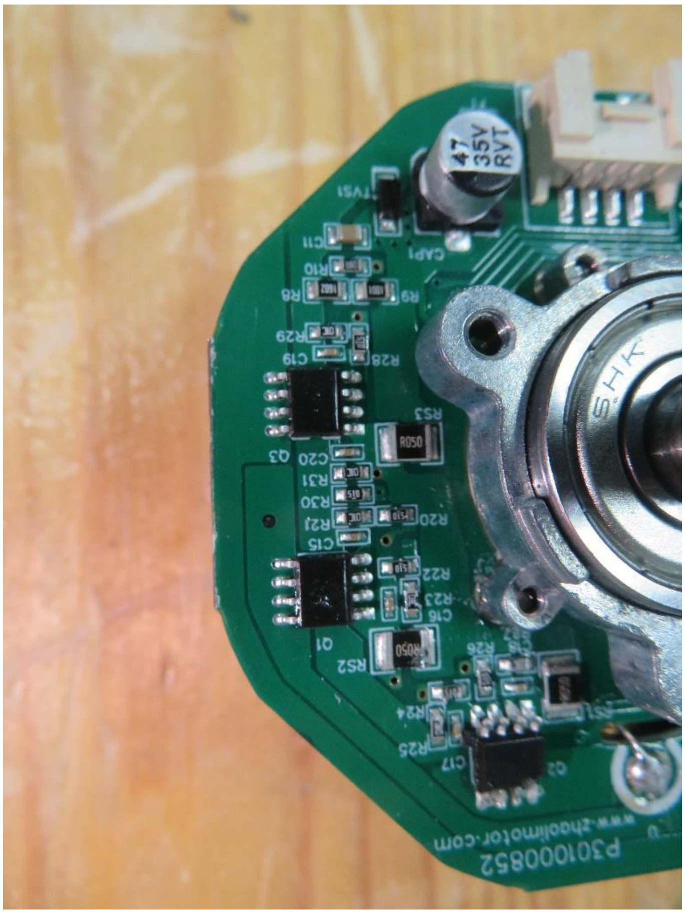


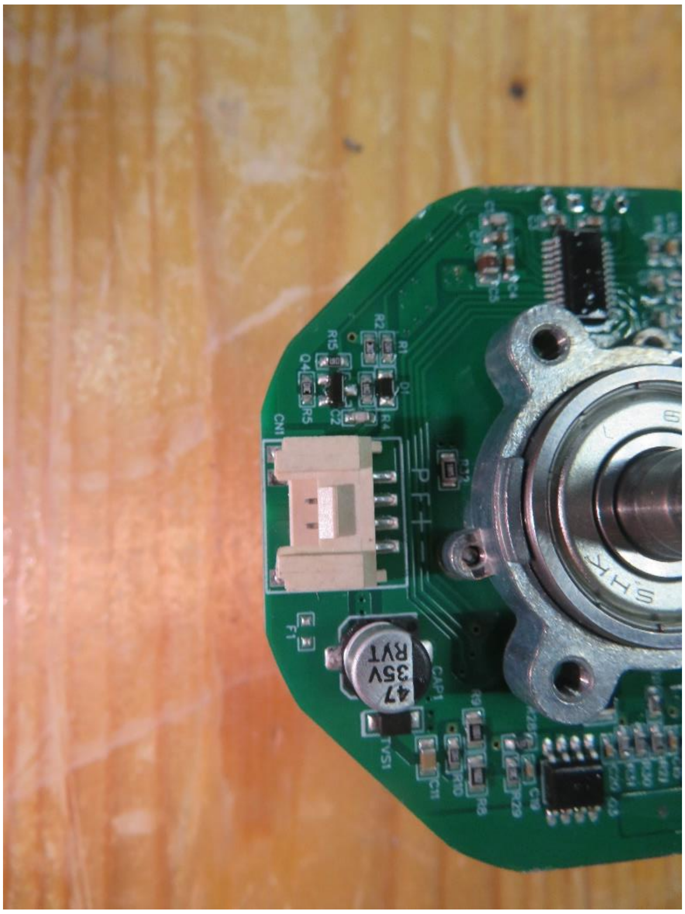


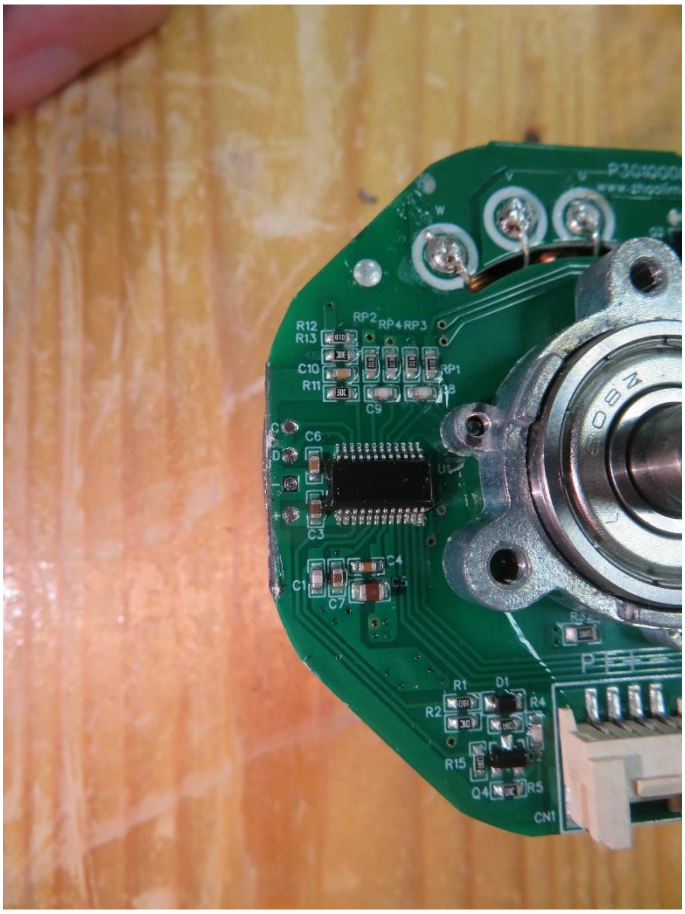


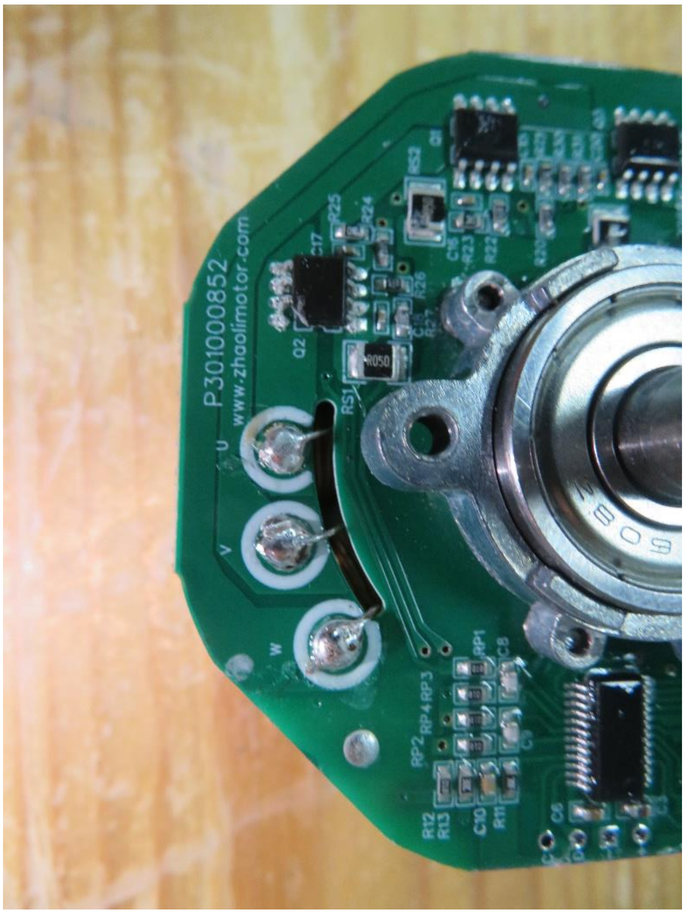

PN:DBT48H4B30
DC24V
ZHAOLI MOTOR
111398500003500600000368
25481

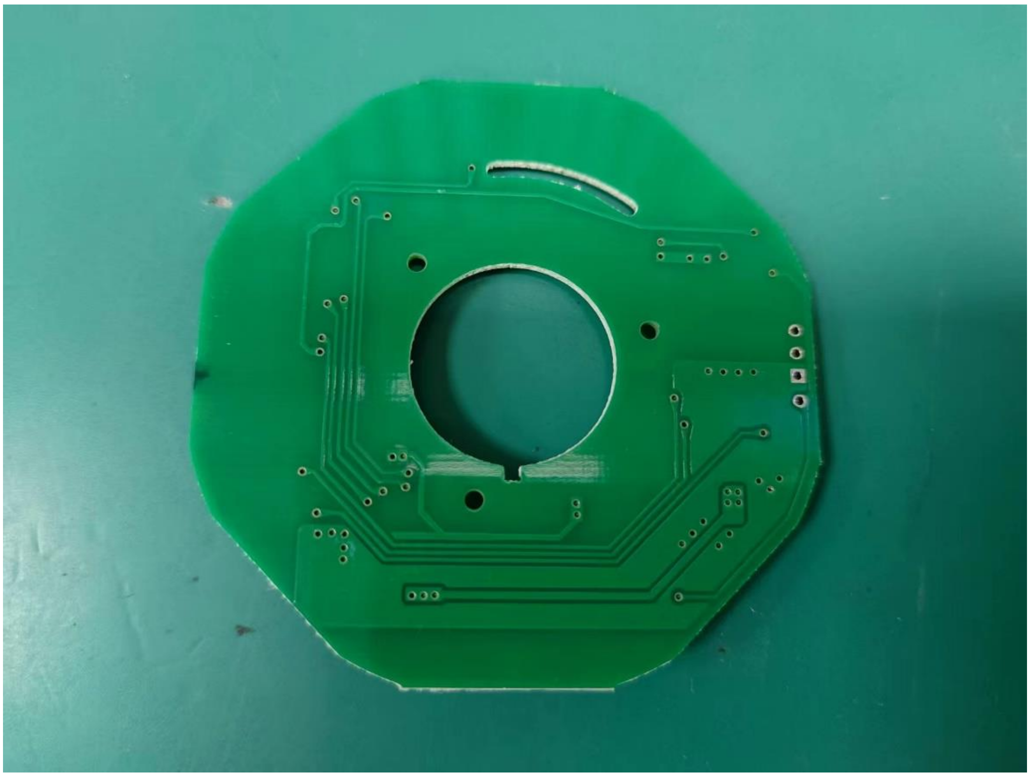

47
35V
RVT
P30100852
www.zhaolimotor.com
250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440
MADE IN JAPAN

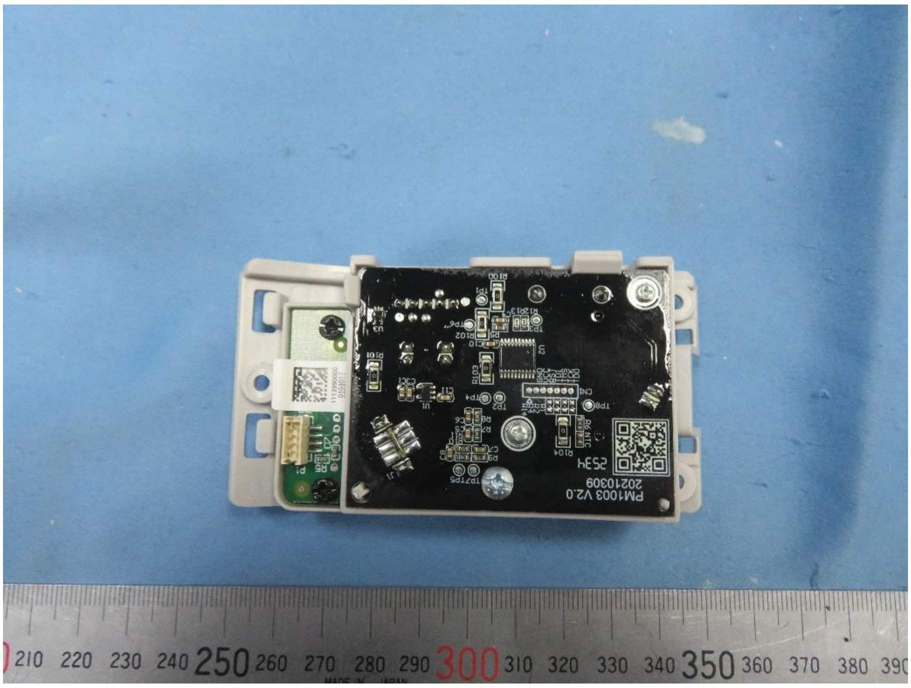

47
35V
RVT
TVS1
C11
CAP1
R10
R8
R9
R29
C19
R28
RS3
R050
Q3
C20
R31
R30
R21
R20
C15
R22
R23
C16
Q1
RS2
R050
R26
R24
R25
C17
Q2
SHK
www.zhaolimotor.com
P30100852


CN1
R15
Q4
R5
C2
R2
R1
D1
R4
F1
47
35V
RVT
CAP1
TVS1
SHK


R12
R13
C10
R11
RP2
RP4
RP3
RP1
C9
C6
C3
U1
C4
C1
C7
R1
D1
R2
R4
R15
Q4
R5
CN1
W


P301000852
www.zhaolimotor.com
U
V
W
RS1
R050
Q1
Q2
RP1
RP2
RP3
RP4




PM1003 V2.0
20210309
2534
210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390
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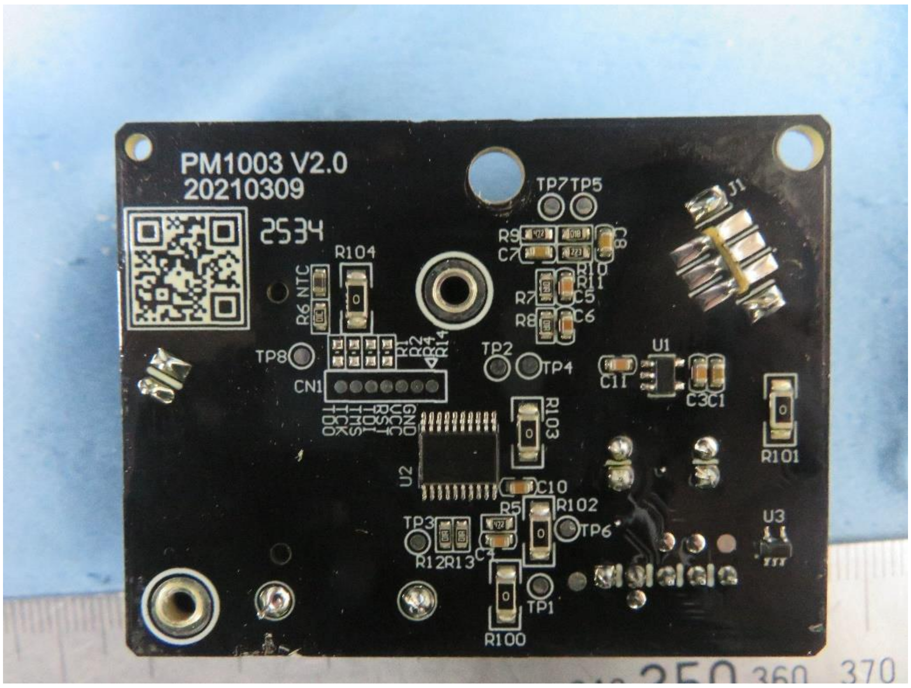
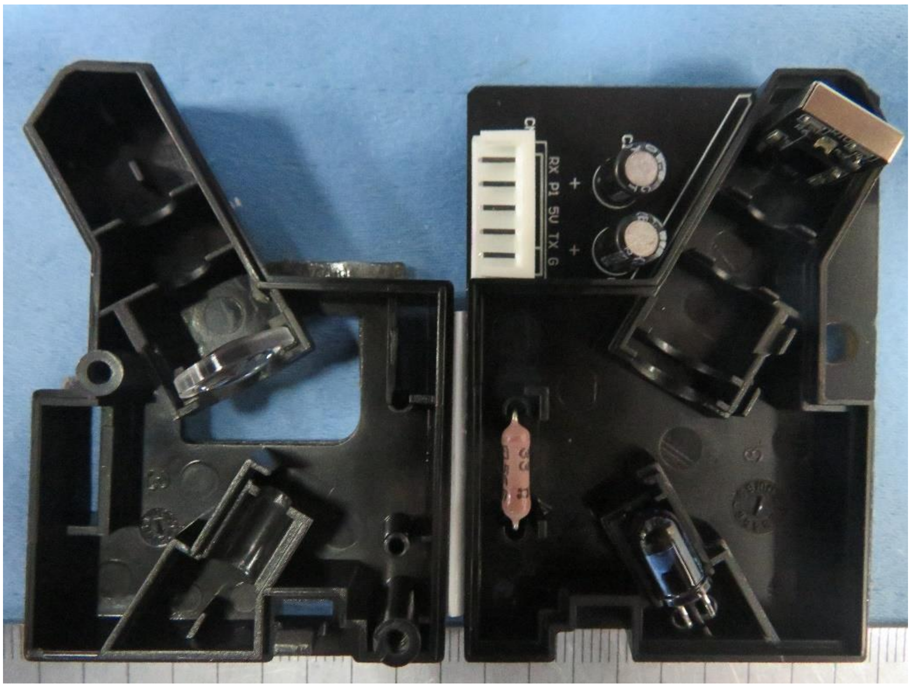
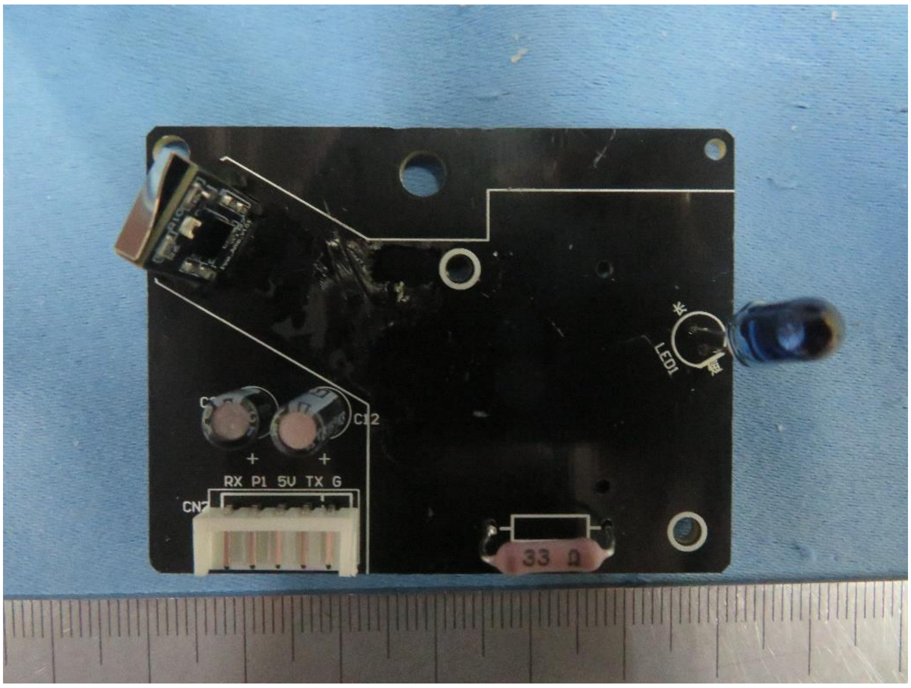
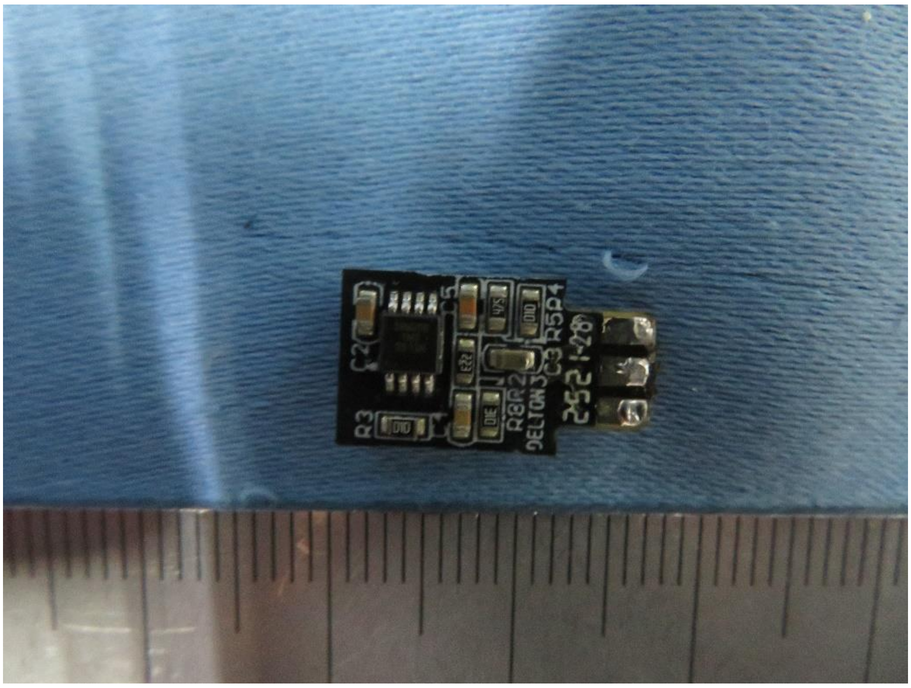
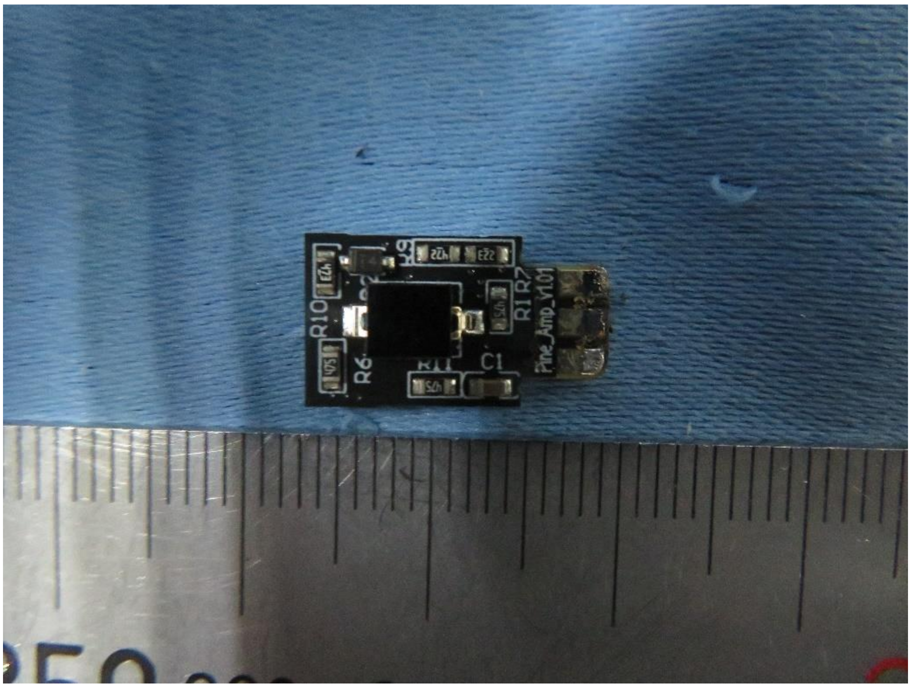

PM1003 V2.0
20210309
2534
R104
R6 NTC
TP8
CN1
R1 R2 R4 R14
TDO TCK TMS TDI RST VCC GND
TP7 TP5
R9 C7 C8
R10 R11
R7 C5
R8 C6
J1
TP2 TP4
U1
C11 C3 C1
R103
U2
R101
C10
R5 R102
TP3 TP6
R12 R13 C4
U3
TP1
R100
350 360 370

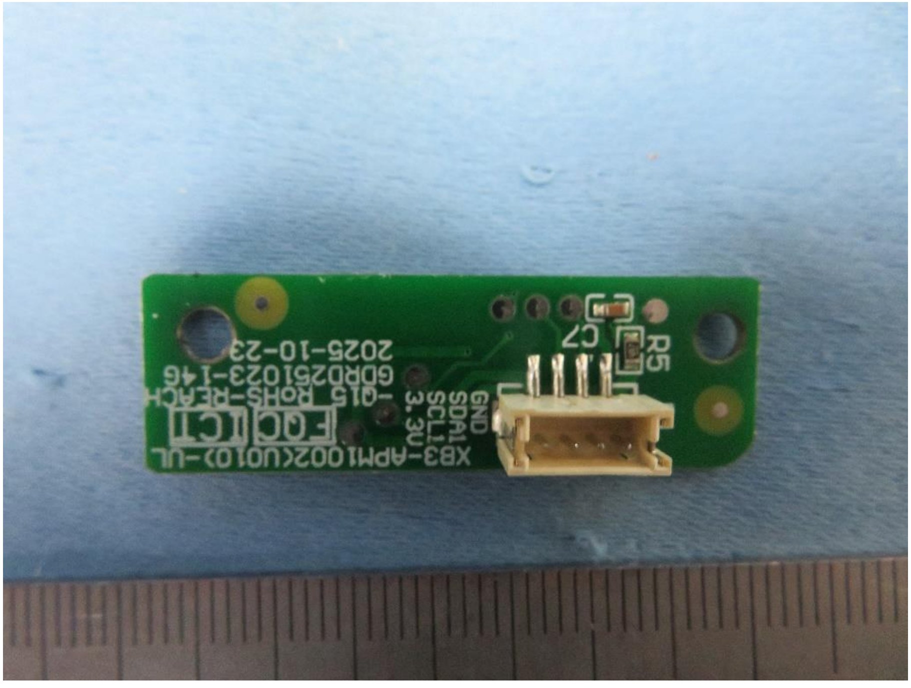
RX P1 5U
270 280 290 300 310 320 330 340 350 360 370 38

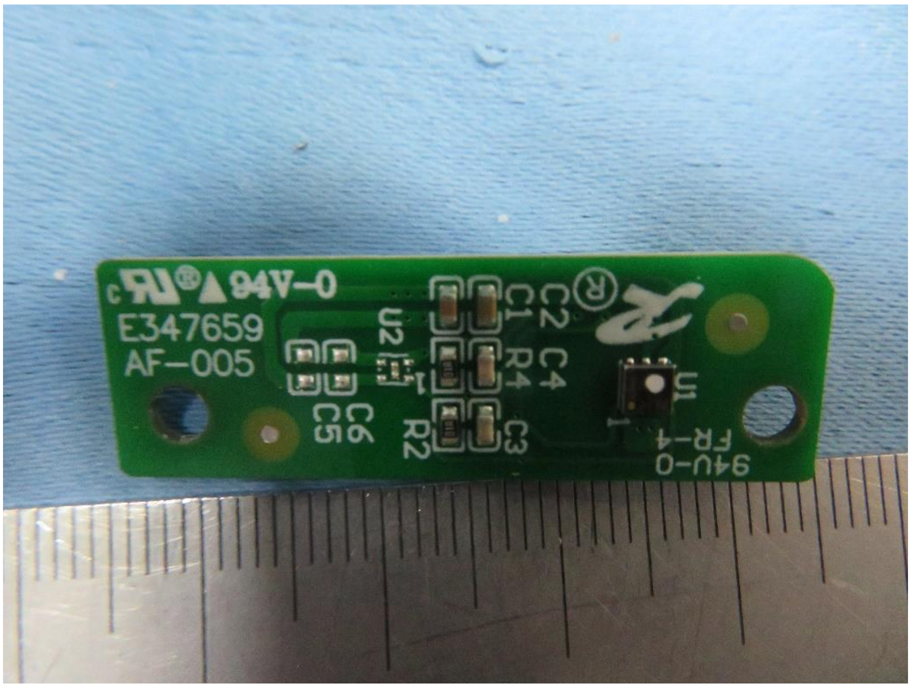

RX P1 5U TX G

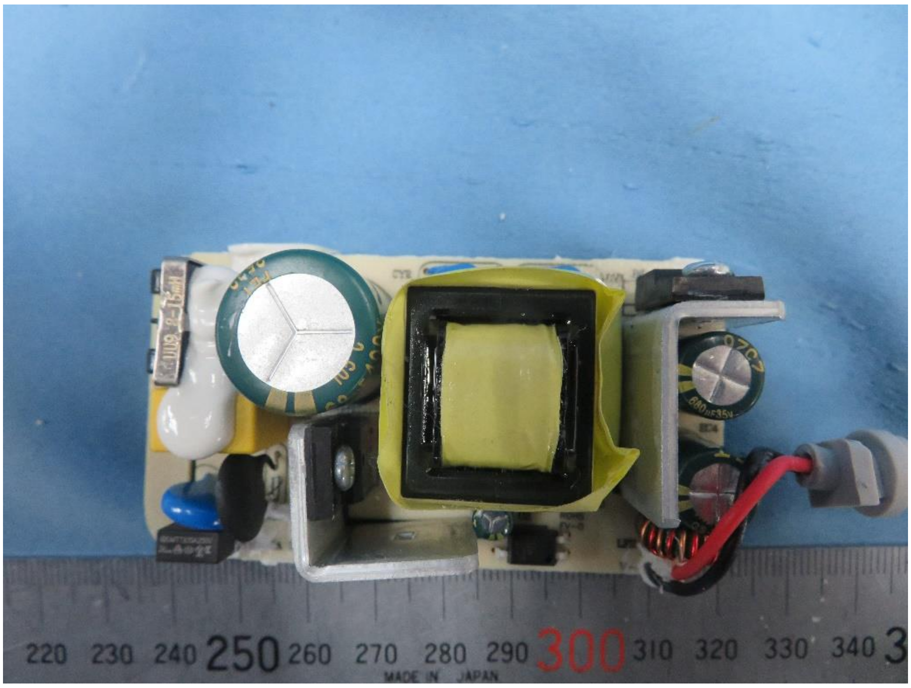

RX P1 5V TX G
CN7
C12
LED1
33 Ω

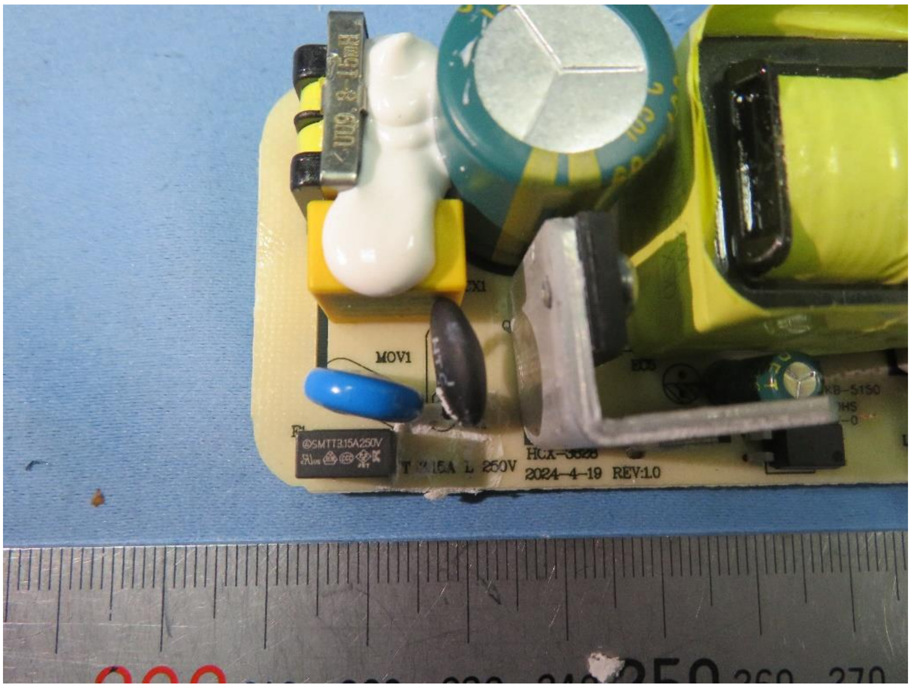

C2
C5
R3
R8R2
C3
R5P4
DELTON3

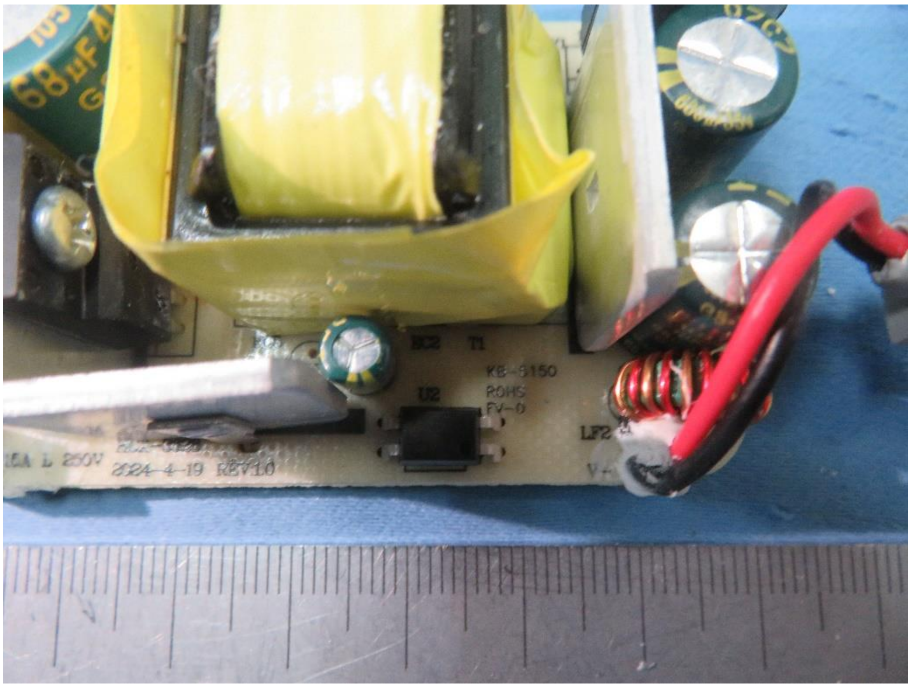

R10
R6
R11
C1
R1 R7
Pine_Amp_V101


2025-10-23
GDRD251023-146
-G15 ROHS-REACH
FQC ICT
XB3-APM1002(U01D)-UL
GND
SDA1
SCL1
3.3V
C7
R5


94V-0
E347659
AF-005
C1
C2
C3
C4
C5
C6
R2
R4
U1
U2
94V-0
FR-4


220 230 240 250 260 270 280 290 300 310 320 330 340
MADE IN JAPAN


MOV1
SMTT3.15A250V
T 3.15A L 250V
HCX-3525
2024-4-19 REV:1.0
KB-5150
260
270


68uF
EC2
T1
U2
KB-5150
ROHS
FV-0
LF2
15A L 250V
2024-4-19 REV1.0