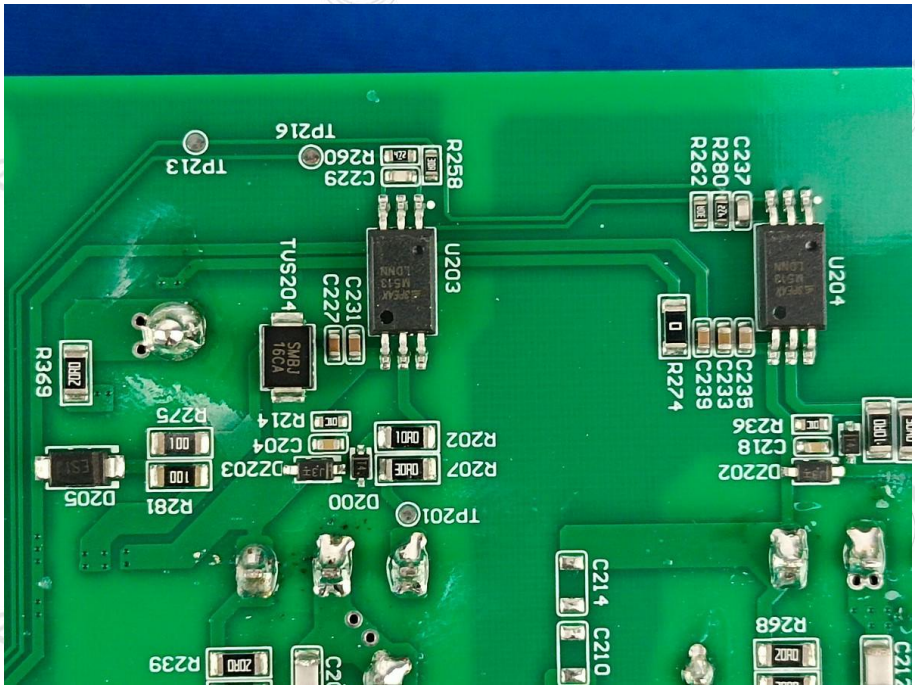
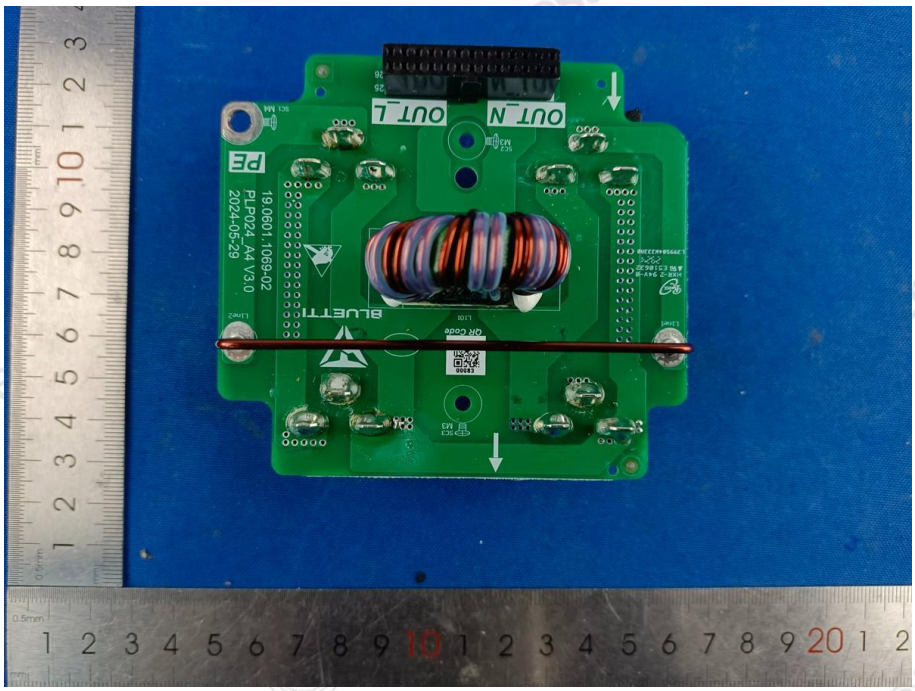
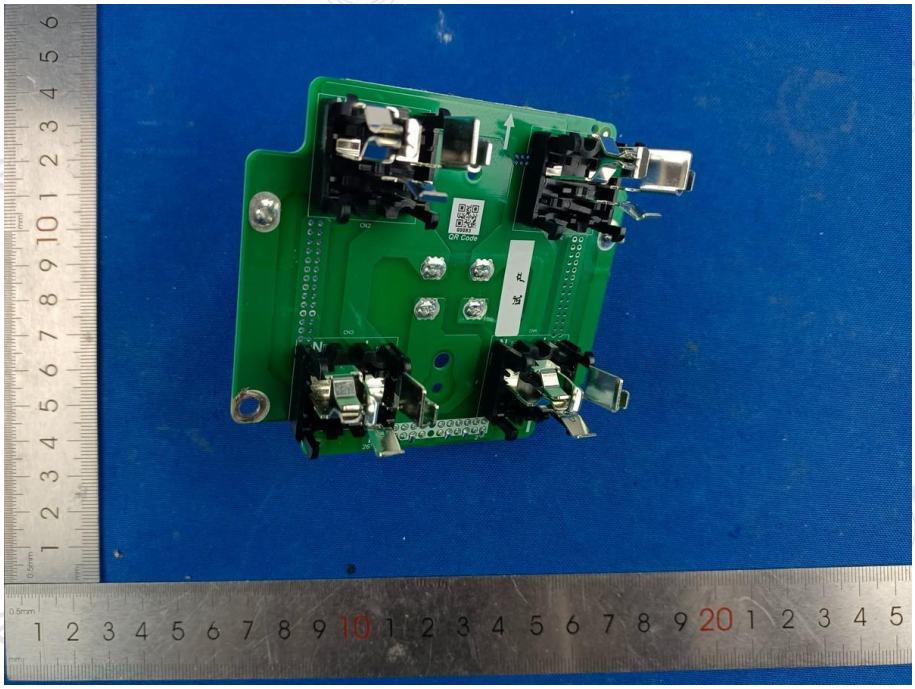
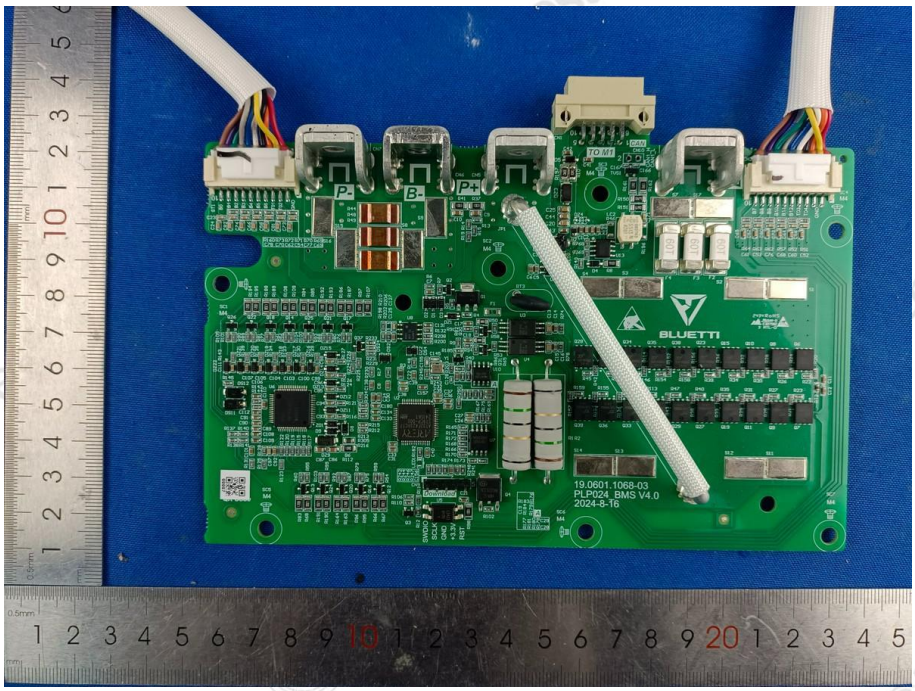
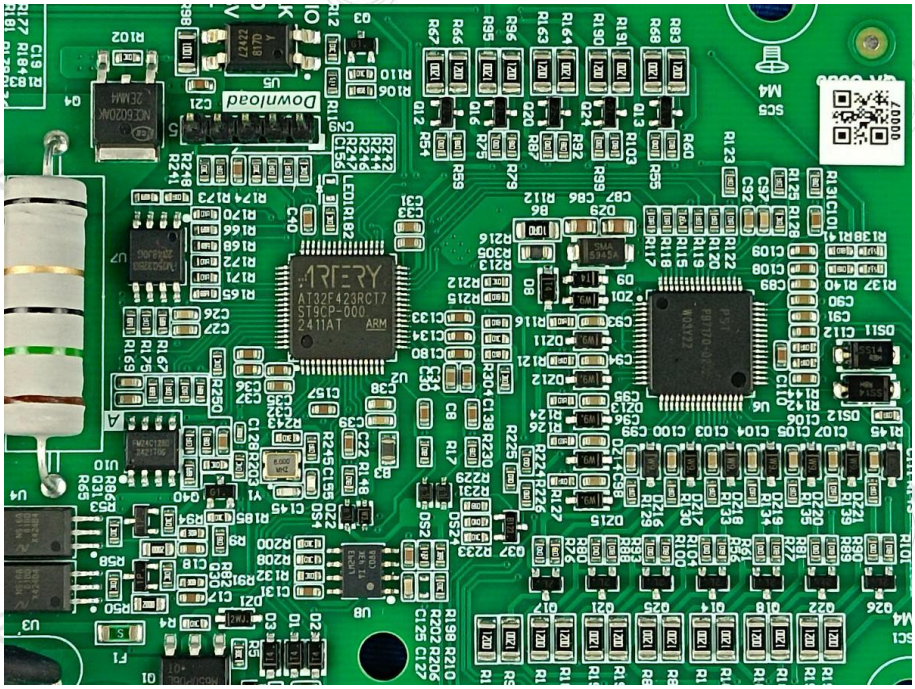
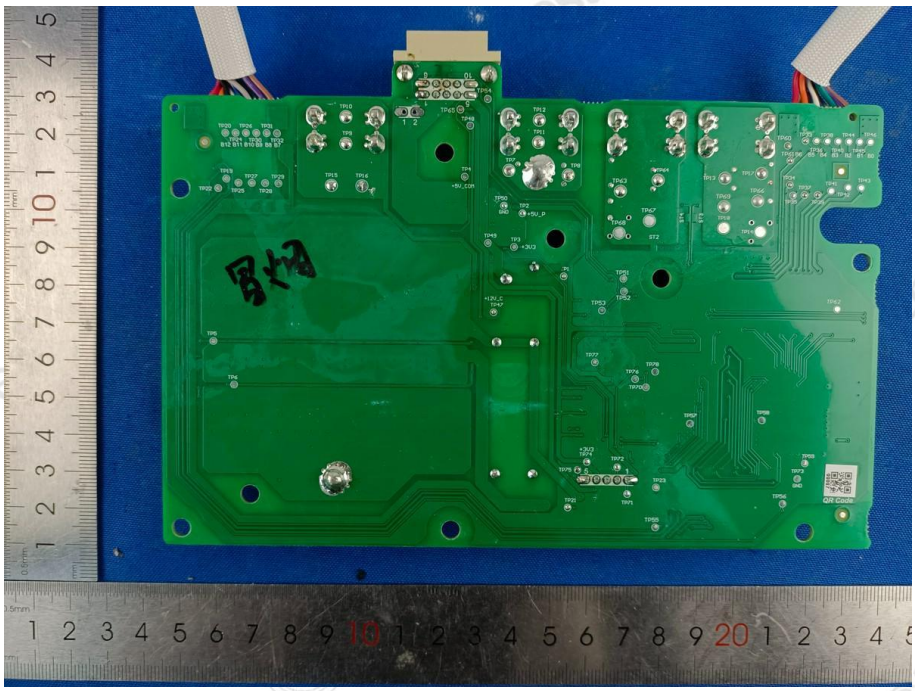

TP216
TP213
R260
C229
R258
C237
R280
R262
U203
U204
TVS204
C231
C227
R369
R274
C235
C233
C239
R275
R214
C204
R202
R207
R236
C218
D205
R281
D200
TP201
C214
C210
R268
R239

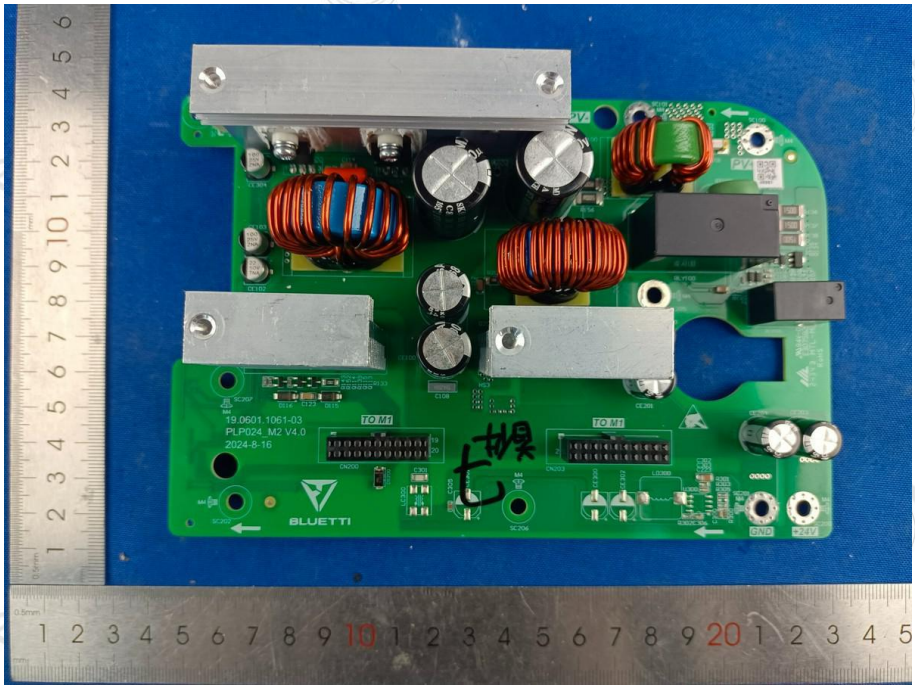

OUT_L
OUT_N
PE
19.0601.1069-02
PLP024_A4 V3.0
2024-05-29
BLUETTI

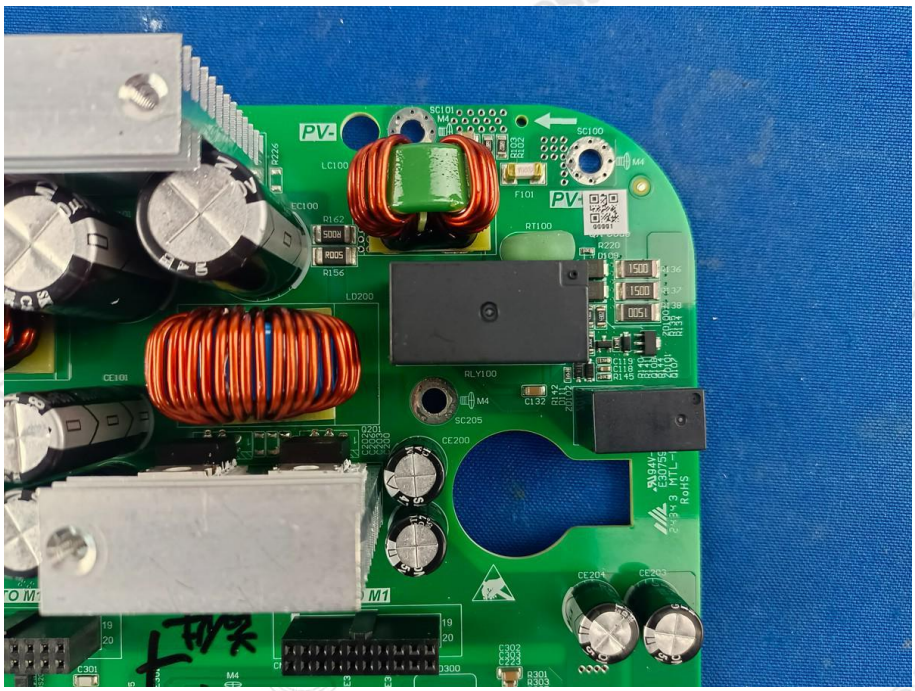


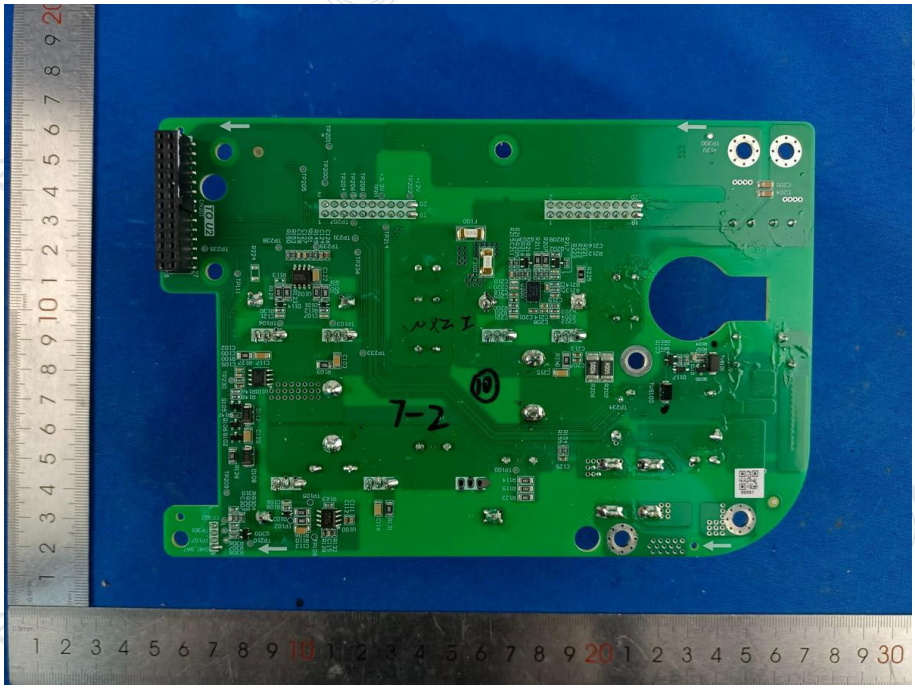

BLUETTI
19.0601.1068-03
PLP024 BMS V4.0
2024-8-16

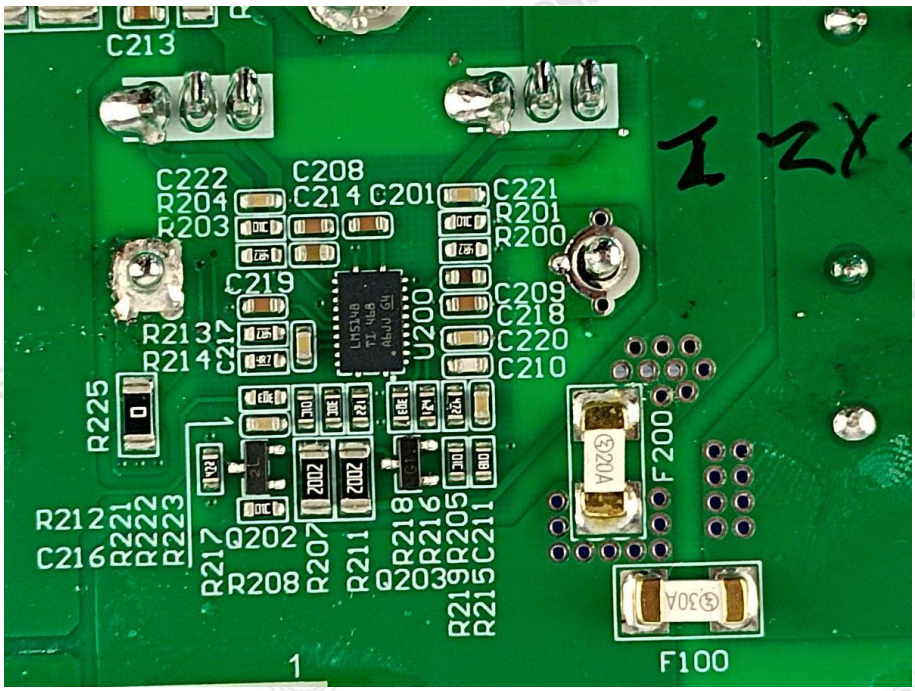

AT32F423RCT7
ST9CP-000
2411AT
ARM
Download

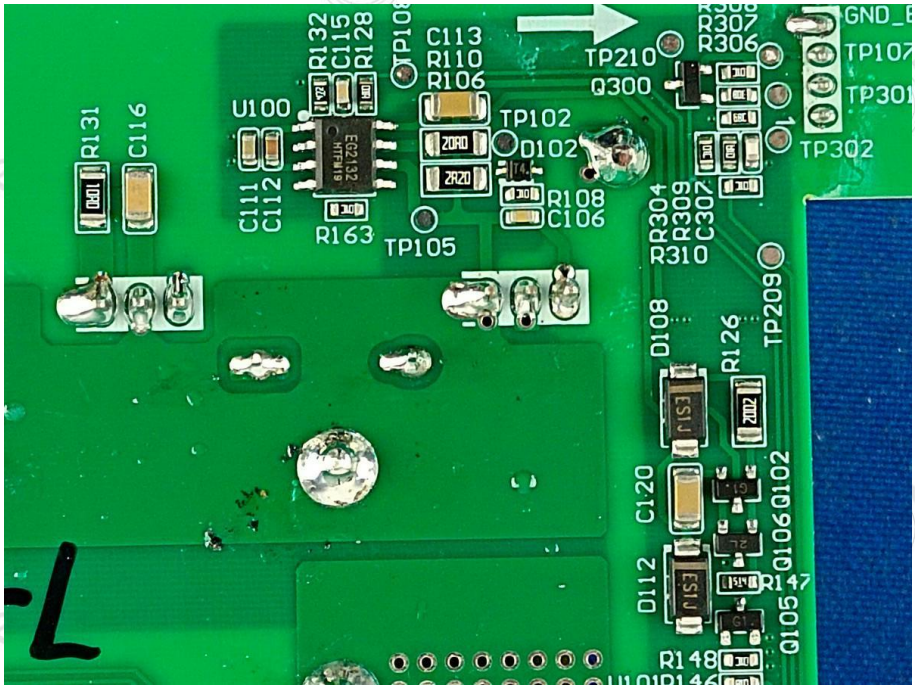


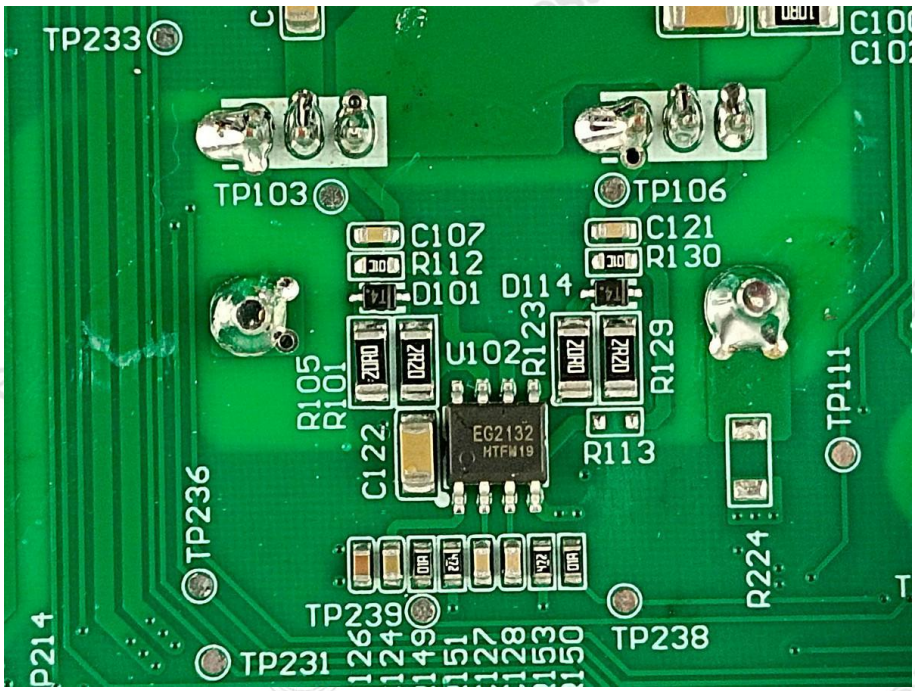

19.0601.1061-03
PLP024_M2 V4.0
2024-8-16
TO M1
BLUETTI

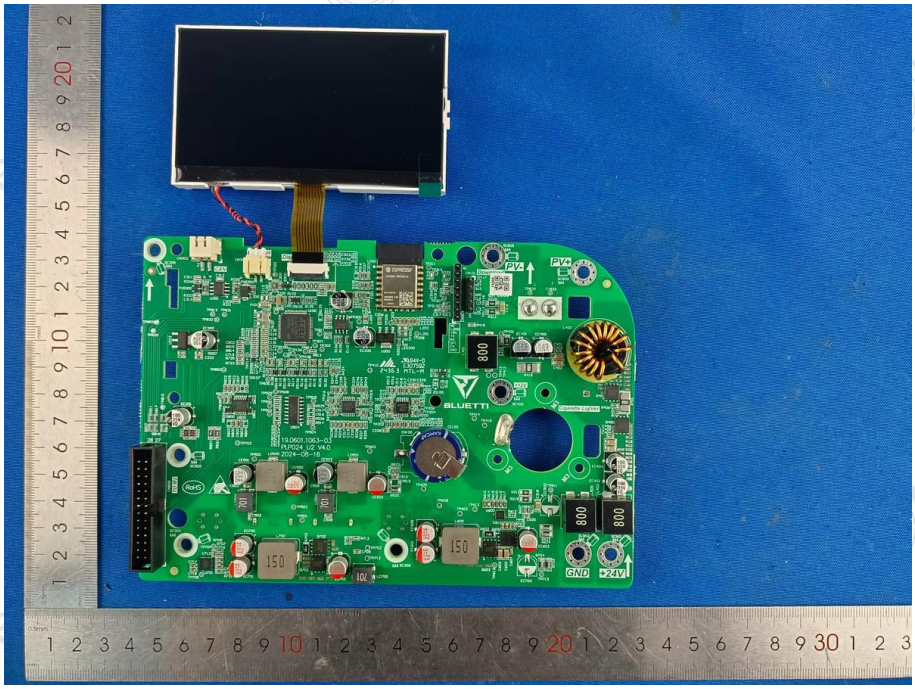

PV-
PV+
LC100
EC100
R162
R156
LD200
CE101
F101
RT100
RLY100
SC205
CE200
CE204
CE203
M1

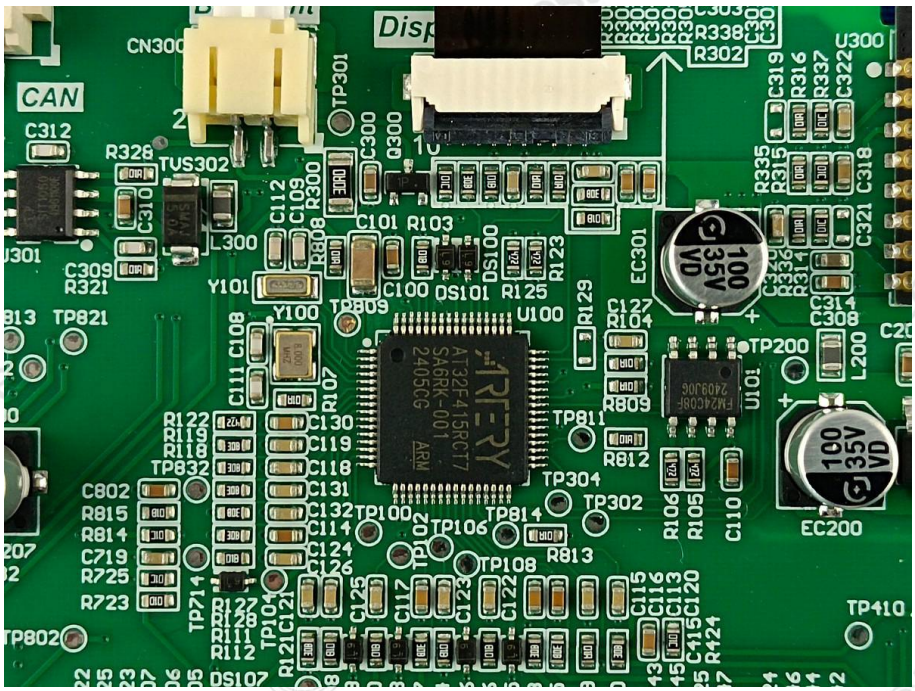


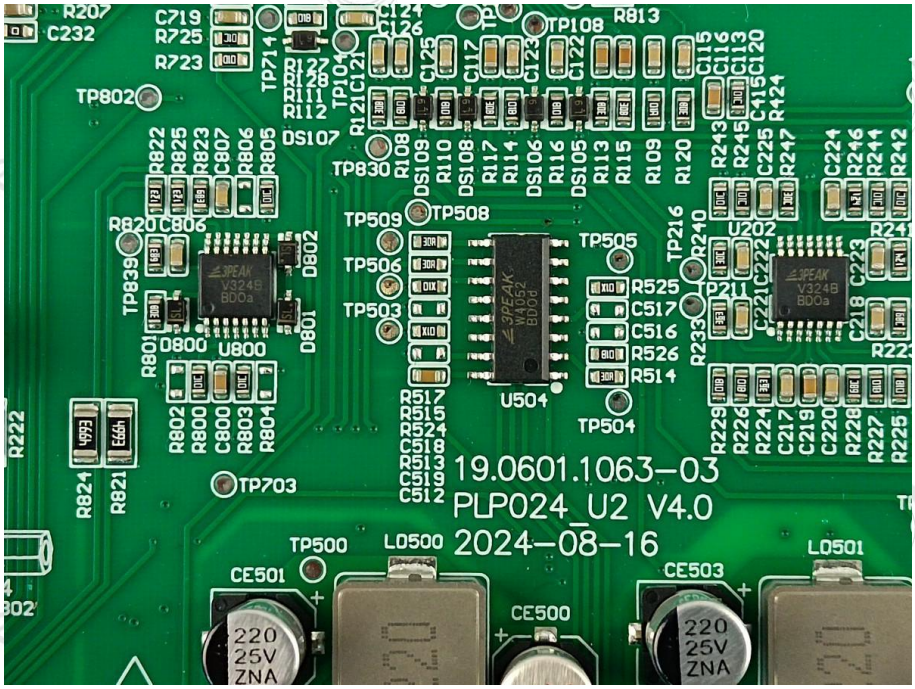

C213
C222
R204
R203
C208
C214
C201
C221
R201
R200
C219
U200
C209
C218
C220
C210
R213
R214
C217
R225
R212
C216
R221
R222
R223
R217
Q202
R208
R207
R211
R218
Q203
R216
R205
R219
R215
C211
F200
F100

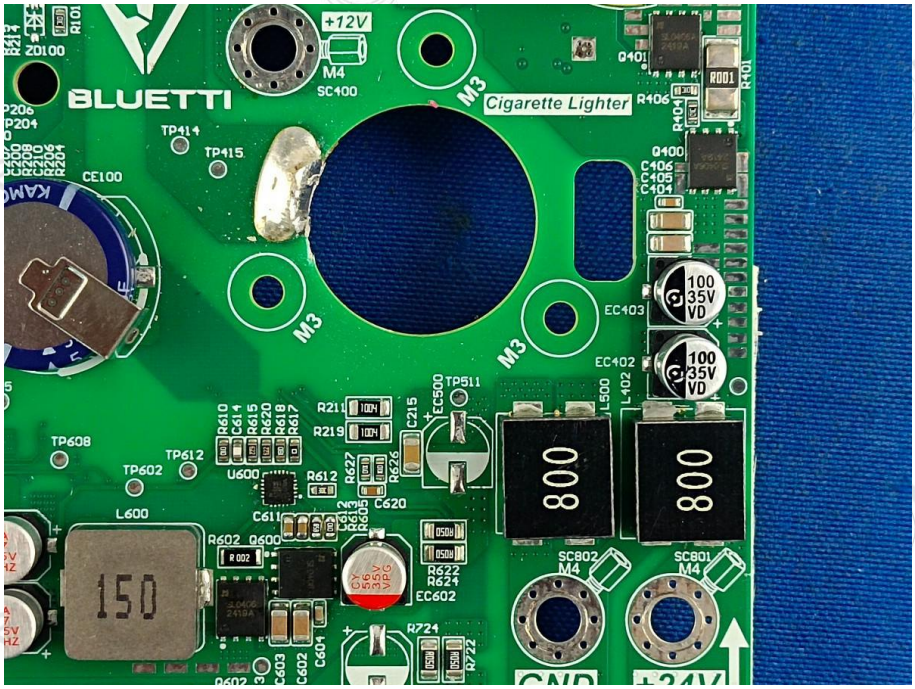

R132
C115
R128
TP108
C113
R110
R106
TP210
Q300
R307
R306
GND_E
TP107
TP301
TP302
R131
C116
U100
EG2132
HTFM19
TP102
D102
R108
C106
C111
C112
R163
TP105
R304
R309
C307
R310
TP209
D108
R126
C120
Q106
Q102
D112
R147
Q105
R148

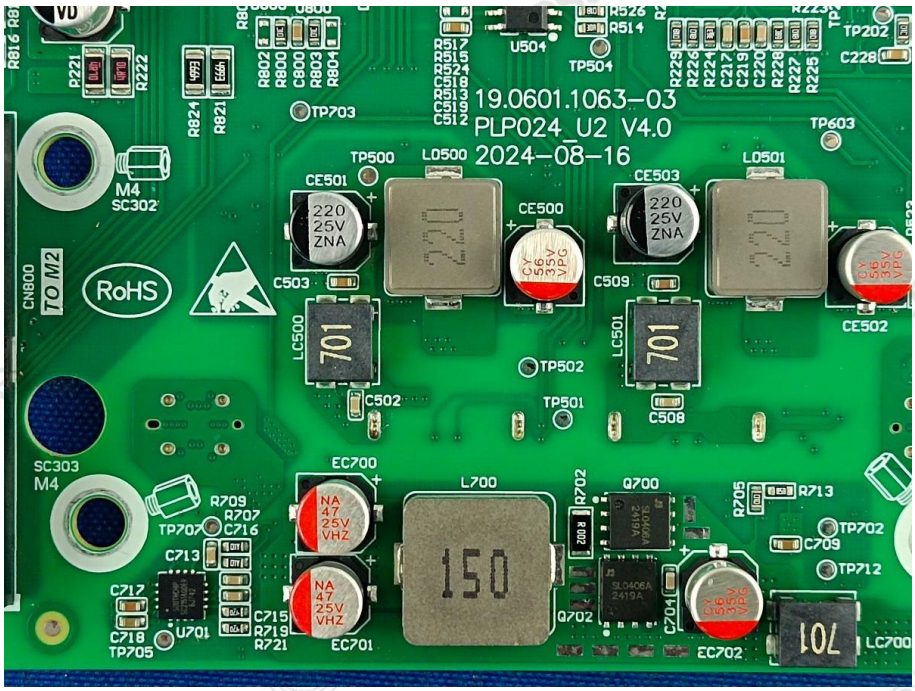

TP233
TP103
TP106
C107
R112
D101
D114
C121
R130
R123
U102
R105
R101
R129
EG2132
HTFM19
R113
C122
TP111
TP236
R224
TP239
TP238
TP231

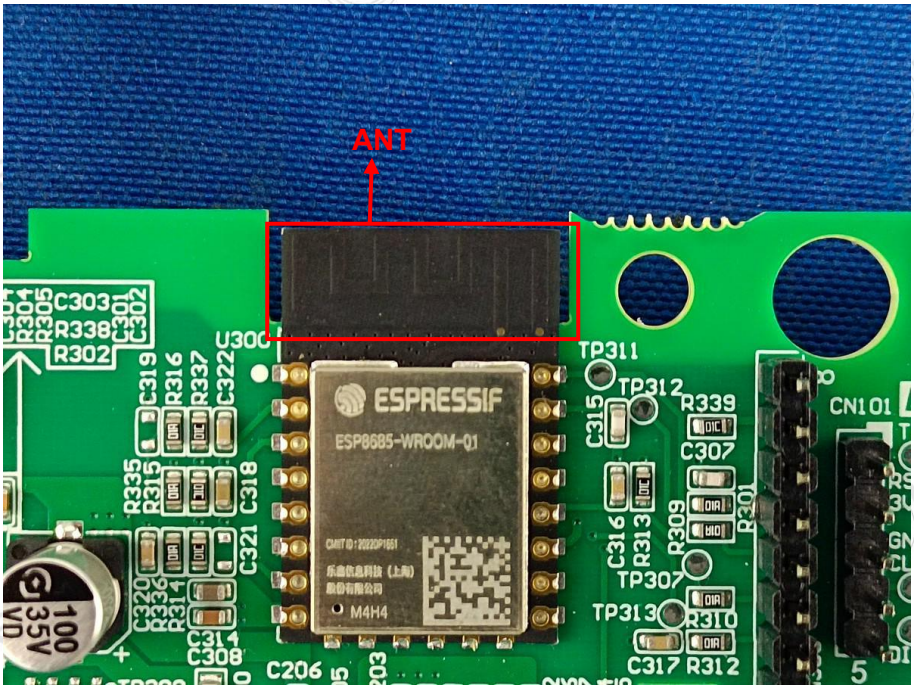


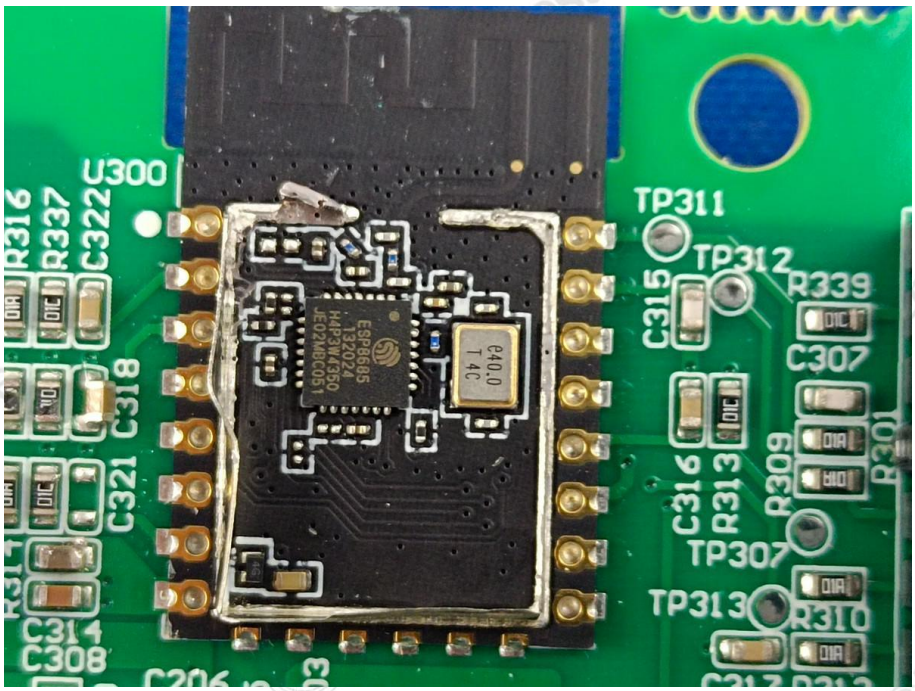

CAN
CN300
TP301
C312
R328
TVS302
C310
L300
C309
R321
Y101
Y100
TP821
C111
C108
R107
R122
R119
R118
TP832
C802
R815
R814
C719
R725
R723
TP714
TP802
C130
C119
C118
C131
C132
C114
C124
C126
TP100
TP106
TP108
TP814
TP304
TP302
TP811
R812
R813
R106
R105
C110
EC200
TP410
C125
C117
C123
C122
C115
C116
C113
C120
C415
R424
DS107
C101
R103
C100
DS101
R125
DS100
R123
R129
U100
R338
R302
U300
C319
R316
R337
C322
R335
R315
C318
C321
EC301
C127
R104
R809
TP200
L200
C314
C308
U101
100
35V
VD
ARTERY
AT32F415RCT7
SA6RK-001
2405CG
ARM

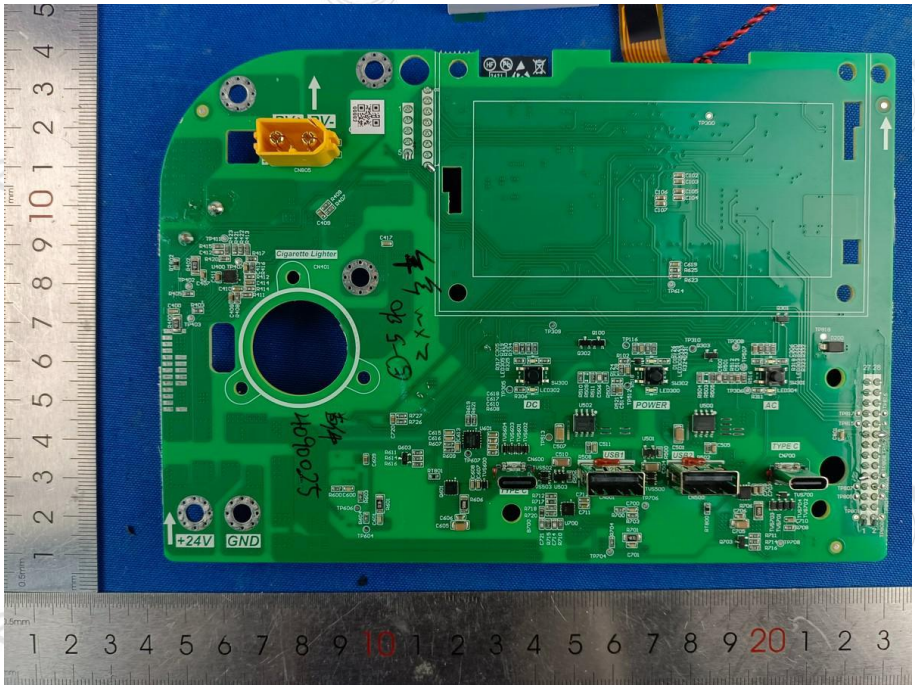

19.0601.1063-03
PLP024_U2 V4.0
2024-08-16
U800
U504
U202
LD500
LD501
CE501
CE500
CE503
TP500
TP703
TP504
TP508
TP509
TP506
TP503
TP505
TP802
TP830
TP839
TP216
TP211
DS107
D800
D801
D802
R824
R821
R222
R525
R517
R515
R524
R514
R526
R516
R513
R519
R512
R233
R223
R229
R226
R224
R217
R219
R220
R228
R227
R225
R241
R240
R235
R813
R820
R806
R807
R805
R822
R825
R823
R801
R802
R800
R803
R804
C719
R725
R723
C232
C807
C806
C517
C516
C518
C512
C221
C222
C218
C223
C224
C225
C226
C227
C228
C229
C230
C201
C202
C203
C204
C205
C206
C207
C208
C209
C210
C211
C212
C213
C214
C215
C216
C217
C219
C220
C221
C222
C223
C224
C225
C226
C227
C228
C229
C230
C231
C232
C233
C234
C235
C236
C237
C238
C239
C240
C241
C242
C243
C244
C245
C246
C247
C248
C249
C250
C251
C252
C253
C254
C255
C256
C257
C258

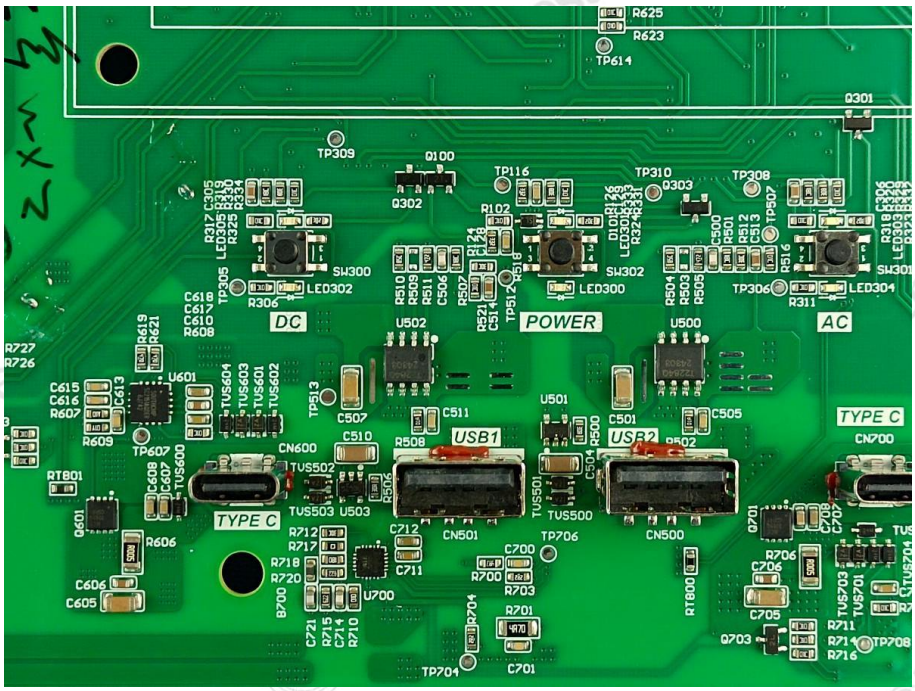

BLUETTI
+12V
M4
SC400
M3
Cigarette Lighter
TP414
TP415
CE100
EC403
EC402
100
35V
VD
800
800
150
L600
SC802
SC801
M4
EC602
R724

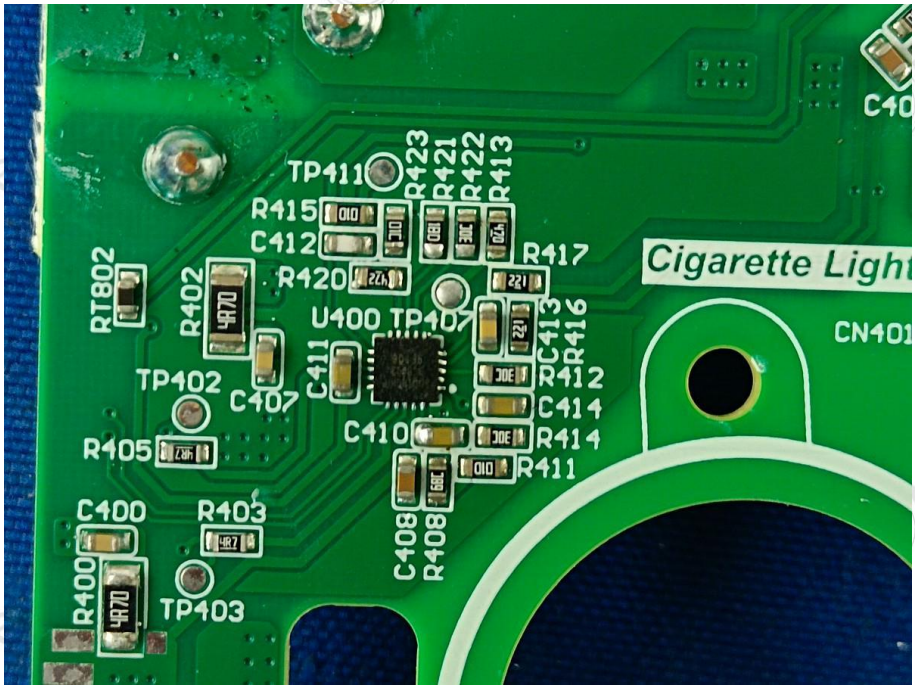

19.0601.1063-03
PLP024_U2 V4.0
2024-08-16
RoHS
TO M2
M4
SC302
SC303
M4
CE501
CE500
CE503
220
25V
ZNA
LC500
LC501
701
L700
150
EC700
EC701
EC702
LC700
Q700
Q702
TP703
TP500
TP504
TP603
TP502
TP501
TP702
TP712
TP707
TP705
U504
U701

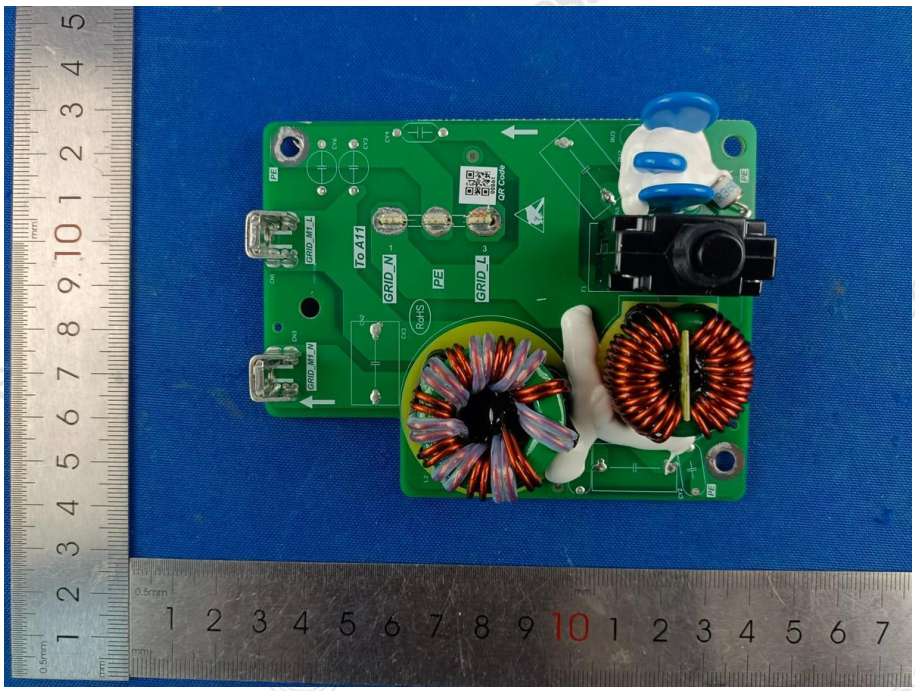

ANT
ESPRESSIF
ESP8685-WROOM-01
U300
TP311
TP312
TP307
TP313
CN101
C206
C308
C314
C317
R312
R310
R339
C307
R301
R309
R313
C316
C315
C318
C321
C322
R337
R316
R335
R315
R336
R314
C319
C320
R338
R302
C303
C301
C302
100
35V

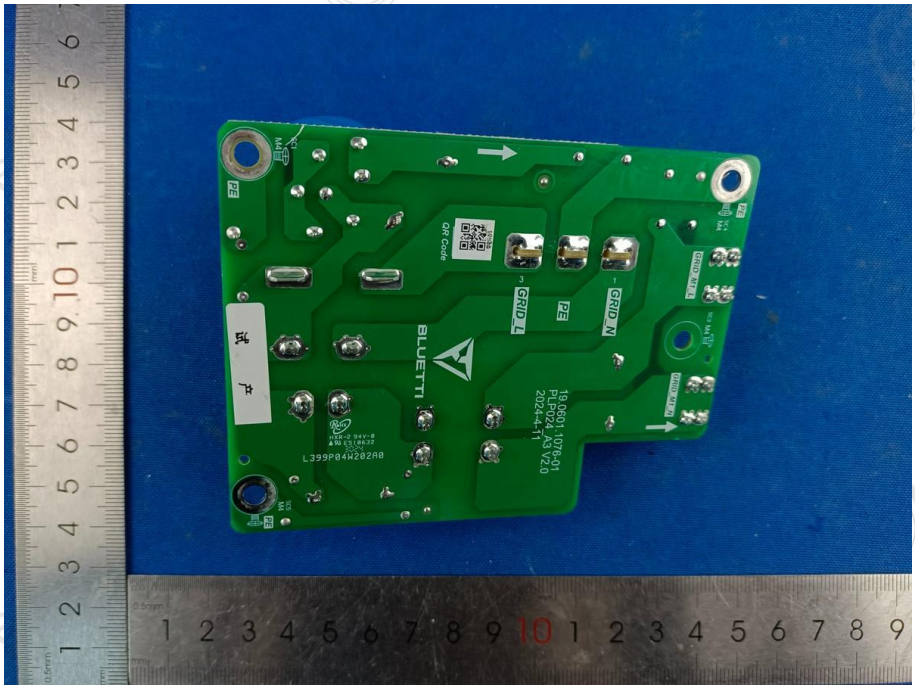

U300
TP311
TP312
TP307
TP313
R339
C307
R310
R309
R313
C316
C315
C318
C321
C322
R337
R316
C314
C308
C206


+24V
GND
Cigarette Lighter
DC
POWER
AC
USB1
USB2
TYPE C


DC
POWER
AC
USB1
USB2
TYPE C
TYPE C


TP411
R423
R421
R422
R413
R415
C412
R420
R417
Cigarette Light
RT802
R402
U400
TP407
C413
R416
CN401
TP402
C407
C411
R412
C414
R405
C410
R414
R411
C400
R403
C408
R408
R400
TP403


To A11
GRID_N
PE
GRID_L
RoHS


PE
GRID_L
GRID_N
BLUETTI
QR Code
L399P04W202A0
19.0601.1076-01
PLP024_A3 V2.0
2024-4-11