

TEST REPORT

Report No.: 2601R49449E

Date: May 08, 2026

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Shenzhen Huafurui Technology Co., Ltd

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Report on the submitted samples said to be:

Sample Description: Smartphone
Style/Item No.: KINGKONG ES 5
Country of Origin: China
Brand: CUBOT
Manufacturer: Shenzhen Huafurui Technology Co., Ltd.
Sample Receiving Date: March 23, 2026
Lately Re-submit Date: April 10, 2026
Testing Period: March 23, 2026 - April 20, 2026
Result: **Please refer to next page(s).**

Signed for and on behalf of

BACL

Queenie Lee

Checked by: _____
Queenie Lee

Len Xie

Approved by: _____
Len Xie

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Summary of Test Result:

TEST REQUEST

CONCLUSION

A. Two hundred and fitty-three(253) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 and its amendment directives concerning the REACH

See Remark

Remark: According to the specified scope and analytical technique, concentrations of all 253 SVHC (^ = excluded lead (CAS No.: 7439-92-1) on Tested parts (38), (40), (81), (85), (207) and (234); CobaltDichloride(CoCl₂) (CAS No.: 7646-79-9), Cobalt(II) sulfate(CAS No.: 10124-43-3), Cobalt(II) dinitrate (CAS No.: 10141-05-6), Cobalt(II) carbonate (CAS No.: 513-79-1), Cobalt(II) diacetate(CAS No.: 71-48-7) and 1,3-Propanesultone (CAS No.:1120-71-4) on Tested part (444)) are <0.1% in the submitted sample.

Note:

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA: <http://echa.europa.eu/web/guest/candidate-list-table>
These lists are under evaluation by ECHA and may subject to change in the future.

2. REACH obligation:

2.1 Concerning article(s):

Communication:

Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

Notification:

In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year, and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

2.2 Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

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If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

2.3 Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which

- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
 - (a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
 - (b) a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
 - (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
 - (d) a substance for which there are Europe-wide workplace exposure limits.

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Result:

Tested part(s):

- (1) Grey printed white plastic(shell, big adapter)
- (2) White plastic(pin holder, big adapter)
- (3) Silvery metal(plug pins, big adapter)
- (4) Green PCB with EC(PCB, big adapter)
- (5) Dark grey silicone(silicone rubber, PCB, big adapter)
- (6) White silicone(silicone rubber, PCB, big adapter)
- (7) Silvery metal(pin holder, PCB, big adapter)
- (8) Red brown body(fuse"F1", PCB, big adapter)
- (9) White printed black body(thermistor"NTC1", PCB, big adapter)
- (10) Silvery metal(pin, thermistor"NTC1", PCB, big adapter)
- (11) White printed black plastic(sleeve, capacitor"EC3", PCB, big adapter)
- (12) Silvery body(capacitor"EC3", PCB, big adapter)
- (13) Grey printed black soft plastic(tube, inductor"L1", PCB, big adapter)
- (14) Dark grey magnet(column, inductor"L1", PCB, big adapter)
- (15) Coppery enamelled wire(coil, inductor"L1", PCB, big adapter)
- (16) White printed brown plastic(sleeve, capacitor"EC1/EC2", PCB, big adapter)
- (17) Silvery body(capacitor"EC1/EC2", PCB, big adapter)
- (18) Blue body(capacitor"CY1", PCB, big adapter)
- (19) Black plastic(spacer, PCB, big adapter)
- (20) Red printed silvery body(small capacitor"C8", PCB, big adapter)
- (21) Red printed silvery body(big capacitor"C7", PCB, big adapter)
- (22) Black printed yellow plastic with adhesive(tape, transformer"T1", PCB, big adapter)
- (23) Dark grey magnet(frame, transformer"T1", PCB, big adapter)
- (24) Coppery enamelled wire(thick coil, transformer"T1", PCB, big adapter)
- (25) Coppery enamelled wire(thin coil, transformer"T1", PCB, big adapter)
- (26) Black plastic(coil holder, transformer"T1", PCB, big adapter)
- (27) Yellow enamelled wire(coil, transformer"T1", PCB, big adapter)
- (28) Translucent plastic(tube, coil, transformer"T1", PCB, big adapter)
- (29) Silvery metal(pin, transformer"T1", PCB, big adapter)
- (30) Green PCB with EC(type-C PCB, PCB, big adapter)
- (31) Silvery metal(shell, charging port, type-C PCB, PCB, big adapter)

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- (32) Dark grey plastic(pin holder, charging port, type-C PCB, PCB, big adapter)
- (33) Golden metal(pin, charging port, type-C PCB, PCB, big adapter)
- (34) Silvery solder(THT, type-C PCB, PCB, big adapter)
- (35) Silvery solder(SMT, type-C PCB, PCB, big adapter)
- (36) Black plastic(shell, SMD triode"Q1", PCB, big adapter)
- (37) Silvery plated coppery metal(contact plate, SMD triode"Q1", PCB, big adapter)
- (38) Silvery solder(contact plate, SMD triode"Q1", PCB, big adapter)
- (39) Silvery solder(THT, PCB, big adapter)
- (40) Silvery solder(SMT, PCB, big adapter)
- (41) Grey printed bright white plastic(shell, small adapter)
- (42) Bright white plastic(pin holder, small adapter)
- (43) Silvery metal(plug pins, small adapter)
- (44) Green PCB with EC(PCB, small adapter)
- (45) White silicone(silicone rubber, PCB, small adapter)
- (46) Silvery metal(pin holder, PCB, small adapter)
- (47) Red brown body(fuse"F1", PCB, small adapter)
- (48) White printed black body(thermistor"NTC1", PCB, small adapter)
- (49) Silvery metal(pin, thermistor"NTC1", PCB, small adapter)
- (50) Golden printed black plastic(sleeve, capacitor"EC1", PCB, small adapter)
- (51) Silvery body(capacitor"EC1", PCB, small adapter)
- (52) Silvery printed black plastic(sleeve, capacitor"EC2", PCB, small adapter)
- (53) Silvery body(capacitor"EC2", PCB, small adapter)
- (54) Grey printed black soft plastic(tube, inductor"L1", PCB, small adapter)
- (55) Dark grey magnet(column, inductor"L1", PCB, small adapter)
- (56) Coppery enamelled wire(coil, inductor"L1", PCB, small adapter)
- (57) Silvery printed green plastic(sleeve, capacitor"10 μ F", PCB, small adapter)
- (58) Silvery body(capacitor"10 μ F", PCB, small adapter)
- (59) Silvery metal(pin, capacitor"10 μ F", PCB, small adapter)
- (60) Green coated grey magnet(magnet ring, inductor"LF1", PCB, small adapter)
- (61) Black plastic(base, inductor"LF1", PCB, small adapter)
- (62) Coppery enamelled wire(coil, inductor"LF1", PCB, small adapter)
- (63) Yellow enamelled wire(coil, inductor"LF1", PCB, small adapter)
- (64) Silvery metal(pin, inductor"LF1", PCB, small adapter)

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- (65) Black plastic(spacer, PCB, small adapter)
- (66) Red printed silvery body(capacitor"EC4", PCB, small adapter)
- (67) Black printed yellow plastic with adhesive(tape, transformer"T2", PCB, small adapter)
- (68) Dark grey magnet(frame, transformer"T2", PCB, small adapter)
- (69) Coppery enamelled wire(thick coil, transformer"T2", PCB, small adapter)
- (70) Coppery enamelled wire(thin coil, transformer"T2", PCB, small adapter)
- (71) Red coppery enamelled wire(thin coil, transformer"T2", PCB, small adapter)
- (72) Black plastic(coil holder, transformer"T2", PCB, small adapter)
- (73) Yellow enamelled wire(coil, transformer"T2", PCB, small adapter)
- (74) Translucent plastic(tube, coil, transformer"T2", PCB, small adapter)
- (75) Black plastic(tube, coil, transformer"T2", PCB, small adapter)
- (76) Silvery metal(pin, transformer"T2", PCB, small adapter)
- (77) Green PCB with EC(type-C PCB, PCB, small adapter)
- (78) Silvery metal(shell, charging port, type-C PCB, PCB, small adapter)
- (79) Flamingo red plastic(pin holder, charging port, type-C PCB, PCB, small adapter)
- (80) Golden metal(pin, charging port, type-C PCB, PCB, small adapter)
- (81) Silvery solder(THT, type-C PCB, PCB, small adapter)
- (82) Silvery solder(SMD, type-C PCB, PCB, small adapter)
- (83) Black plastic(shell, bridge rectifier"BD2", PCB, small adapter)
- (84) Silvery plated coppery metal(contact plate, bridge rectifier"BD2", PCB, small adapter)
- (85) Silvery solder(contact plate, bridge rectifier"BD2", PCB, small adapter)
- (86) Brown dry glue(adhesive, PCB, small adapter)
- (87) Silvery solder(THT, PCB, small adapter)
- (88) Silvery solder(SMT, PCB, small adapter)
- (89) White soft plastic(plug housing, type-C plug, USB cable)
- (90) Silvery metal(male plug, USB cable)
- (91) White plastic(pin holder, male plug, USB cable)
- (92) Beige plastic(pin holder, male plug, USB cable)
- (93) Silvery metal(contact pin, male plug, USB cable)
- (94) Silvery metal(ground pin, male plug, USB cable)
- (95) Navy PCB with EC(type-C PCB, male plug, USB cable)
- (96) Silvery solder(wire welding, type-C PCB, male plug, USB cable)
- (97) Grey plastic(wire jacket, thick cable, USB cable)

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- (98) Pink plastic(wire jacket, thick cable, USB cable)
- (99) Coppery metal(wire, thick cable, USB cable)
- (100) White plastic(wire jacket, thin cable, USB cable)
- (101) Green plastic(wire jacket, thin cable, USB cable)
- (102) Yellow plastic(wire jacket, thin cable, USB cable)
- (103) Coppery metal(wire, thin cable, USB cable)
- (104) White plastic(plug housing, type-C plug, earphone cable)
- (105) Off-white soft plastic(sealant, plug housing, type-C plug, earphone cable)
- (106) Silvery metal(cover, type-C plug, earphone cable)
- (107) Dark grey plastic(pin holder, type-C plug, earphone cable)
- (108) Silvery metal(pin, type-C plug, earphone cable)
- (109) Silvery metal(ground pin, type-C plug, earphone cable)
- (110) Navy PCB(PCB, type-C plug, earphone cable)
- (111) Silvery solder(wire welding, PCB, type-C plug, earphone cable)
- (112) White plastic(spacer, earphone cable)
- (113) Oyster white plastic(clip, earphone cable)
- (114) White soft plastic(splitter, earphone cable)
- (115) White soft plastic(thick jacket, earphone cable)
- (116) White soft plastic(thin jacket, earphone cable)
- (117) Grey printed white plastic(shell, earphone)
- (118) Light grey plastic(tube, shell, earphone)
- (119) Black fabric with adhesive(dust gauze, shell, earphone)
- (120) Green fabric with adhesive(dust gauze, shell, earphone)
- (121) Silvery metal(front cover, speaker, earphone)
- (122) White EVA with adhesive(double sided tape, front cover, speaker, earphone)
- (123) Translucent plastic with glue(diaphragm, front cover, speaker, earphone)
- (124) Coppery enamelled wire(coil, diaphragm, front cover, speaker, earphone)
- (125) Silvery metal(frame, speaker, earphone)
- (126) Silvery metal(magnet, speaker, earphone)
- (127) Silvery metal(top plate, speaker, earphone)
- (128) White fabric with adhesive(dust gauze, frame, speaker, earphone)
- (129) Green PCB(PCB, speaker, earphone)
- (130) Silvery solder(wire welding, PCB, speaker, earphone)

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- (131) White dry glue(sealant, speaker, earphone)
- (132) Grey printed white plastic(shell, controller, earphone)
- (133) White soft plastic(wire holder, controller, earphone cable)
- (134) Navy PCB with EC(PCB, controller, earphone cable)
- (135) Translucent plastic with adhesive(tape, key, PCB, controller, earphone cable)
- (136) Silvery metal(key, PCB, controller, earphone cable)
- (137) Silvery body(Mic, PCB, controller, earphone cable)
- (138) Silvery solder(wire welding, PCB, controller, earphone cable)
- (139) Green enamelled wire(wire, earphone cable)
- (140) Blue enamelled wire(wire, earphone cable)
- (141) Red enamelled wire(wire, earphone cable)
- (142) Coppery enamelled wire(wire, earphone cable)
- (143) Gunmetal plated silvery metal(long/short retainer plate, frame, Smart phone)
- (144) Gunmetal metal(screw, long/short retainer plate, frame, Smart phone)
- (145) Gunmetal plated silvery metal(up and down button, long retainer plate, frame, Smart phone)
- (146) Red coating(power button, short retainer plate, frame, Smart phone)
- (147) Gunmetal plated silvery metal(power button, short retainer plate, frame, Smart phone)
- (148) Black soft plastic(pad, up and down button/power button, long/short retainer plate, frame, Smart phone)
- (149) Black soft plastic(frame/charging plug, Smart phone)
- (150) Black plated silvery metal(SIM tray, frame, Smart phone)
- (151) Red soft plastic(loop, SIM tray, frame, Smart phone)
- (152) Black plastic(frame, SIM tray, frame, Smart phone)
- (153) Silvery metal(SIM tray, frame, Smart phone)
- (154) Silvery fabric with adhesive(conductive cloth, frame, Smart phone)
- (155) Grey foam(pad, conductive cloth, frame, Smart phone)
- (156) Orange/grey printed dark silvery coated black plastic(rear cover, Smart phone)
- (157) Dark silvery plated silvery metal(frame, lens, rear cover, Smart phone)
- (158) Black EVA with adhesive(double sided tape, frame/cover, lens, rear cover, Smart phone)
- (159) Orange plastic(frame, lens, rear cover, Smart phone)
- (160) Black coated clear plastic(lens cover, rear cover, Smart phone)
- (161) Clear plastic(small lens cover, rear cover, Smart phone)
- (162) Black plastic(square lens cover, rear cover, Smart phone)
- (163) Black plastic(round lens cover, rear cover, Smart phone)

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- (164) Black coated clear glass with liquid crystal(screen, Smart phone)
- (165) Black plastic(gasket, front camera, screen, Smart phone)
- (166) Clear glass(TFT glass, screen, Smart phone)
- (167) Black coated translucent plastic(polarizer, screen, Smart phone)
- (168) Blue glue(sealant, TFT glass, screen, Smart phone)
- (169) Silvery body(IC, TFT glass, screen, Smart phone)
- (170) Orange FPC with EC(LCD-FPC, screen, Smart phone)
- (171) Bright silvery fabric with adhesive(conductive cloth, LCD-FPC, screen, Smart phone)
- (172) Translucent yellow plastic with adhesive(tape, LCD-FPC, screen, Smart phone)
- (173) Clear plastic with adhesive(tape, LCD-FPC, screen, Smart phone)
- (174) Black plastic(base, connector, LCD-FPC, screen, Smart phone)
- (175) Golden plated silvery metal(pin, connector, LCD-FPC, screen, Smart phone)
- (176) Silvery metal(retainer plate, LCD-FPC, screen, Smart phone)
- (177) Grey EVA with adhesive(tape, retainer plate, LCD-FPC, screen, Smart phone)
- (178) Silvery solder(LCD-FPC, screen, Smart phone)
- (179) Orange FPC(LED-FPC, screen, Smart phone)
- (180) White/yellow body(LED, LED-FPC, screen, Smart phone)
- (181) Translucent silvery plastic(BEF, backlight, screen, Smart phone)
- (182) White plastic(diffuser, backlight, screen, Smart phone)
- (183) Clear plastic(LGP, backlight, screen, Smart phone)
- (184) Silvery plastic(reflector, backlight, screen, Smart phone)
- (185) Silvery metal(cover, backlight, screen, Smart phone)
- (186) Grey plastic(frame, backlight, screen, Smart phone)
- (187) Silvery foam with adhesive(pad, cover, backlight, screen, Smart phone)
- (188) Black/silvery plastic with adhesive(thermal tape, cover, backlight, screen, Smart phone)
- (189) Dark silvery body(fingerprint sensor, frame, Smart phone)
- (190) Silvery metal(base, fingerprint sensor, frame, Smart phone)
- (191) Silvery fabric with adhesive(conductive cloth, base, fingerprint sensor, frame, Smart phone)
- (192) Black soft plastic(pad, base, fingerprint sensor, frame, Smart phone)
- (193) Black FPC(FPC, fingerprint sensor, frame, Smart phone)
- (194) Silvery metal(retainer plate, FPC, fingerprint sensor, frame, Smart phone)
- (195) Black plastic(retainer plate, FPC, fingerprint sensor, frame, Smart phone)
- (196) Translucent plastic with adhesive(tape, retainer plate, FPC, fingerprint sensor, frame, Smart phone)

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- (197) Black plastic(base, connector, FPC, fingerprint sensor, frame, Smart phone)
- (198) Golden plated silvery metal(pin, connector, FPC, fingerprint sensor, frame, Smart phone)
- (199) Black FPC(VOLUME-FPC, frame, Smart phone)
- (200) Silvery metal(small retainer plate, VOLUME-FPC, frame, Smart phone)
- (201) Silvery metal(big retainer plate, VOLUME-FPC, frame, Smart phone)
- (202) Translucent plastic with adhesive(tape, VOLUME-FPC, frame, Smart phone)
- (203) Silvery metal(key, VOLUME-FPC, frame, Smart phone)
- (204) Black plastic(frame, Smart phone)
- (205) Gunmetal metal(speaker cover, frame, Smart phone)
- (206) Black coated clear plastic(LED cover, frame, Smart phone)
- (207) Golden metal(built-in nut, frame, Smart phone)
- (208) Silvery metal(heat sink, Smart phone)
- (209) Pink silicone(thermal grease, heat sink, Smart phone)
- (210) Black plastic with adhesive(sheet, frame, Smart phone)
- (211) Black plastic with adhesive(tape, heat sink, Smart phone)
- (212) Silvery fabric with adhesive(conductive cloth, heat sink, Smart phone)
- (213) Clear plastic(LGP, frame, Smart phone)
- (214) Black plastic(base, LGP, frame, Smart phone)
- (215) Black FPC(KEY-FPC, frame, Smart phone)
- (216) Clear plastic with adhesive(tape, KEY-FPC, frame, Smart phone)
- (217) Silvery metal(key, KEY-FPC, frame, Smart phone)
- (218) Black/silvery plastic with adhesive(thermal tape, heat sink, Smart phone)
- (219) Black/brown FPC with EC(ZJ-FPC, frame, Smart phone)
- (220) Black plastic(base, connector, ZJ-FPC, frame, Smart phone)
- (221) Golden plated silvery metal(pin, connector, ZJ-FPC, frame, Smart phone)
- (222) Silvery metal(holder, connector, ZJ-FPC, frame, Smart phone)
- (223) Silvery metal(small retainer plate, ZJ-FPC, frame, Smart phone)
- (224) Black EVA with adhesive(double sided tape, small retainer plate, ZJ-FPC, frame, Smart phone)
- (225) Silvery metal(big retainer plate, ZJ-FPC, frame, Smart phone)
- (226) Silvery solder(wire welding, ZJ-FPC, frame, Smart phone)
- (227) Red soft plastic(wire jacket, LED cable, frame, Smart phone)
- (228) Blue soft plastic(wire jacket, LED cable, frame, Smart phone)
- (229) Black soft plastic(wire jacket, LED cable, frame, Smart phone)

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- (230) Silvery metal(wire, LED cable, frame, Smart phone)
- (231) White coated silvery metal(light source plate, frame, Smart phone)
- (232) Clear body(LED, light source plate, frame, Smart phone)
- (233) Yellow soft plastic(phosphor silicone, light source plate, frame, Smart phone)
- (234) Silvery solder(wire welding, light source plate, frame, Smart phone)
- (235) Brown FPC with EC(FPC, front camera, Smart phone)
- (236) Golden plated silvery metal(pin, connector, FPC, front camera, Smart phone)
- (237) Black plastic(base, connector, FPC, front camera, Smart phone)
- (238) Black plastic(retainer plate, connector, FPC, front camera, Smart phone)
- (239) Dark grey EVA with adhesive(pad, retainer plate, connector, FPC, front camera, Smart phone)
- (240) Black plastic(lens holder, front camera, Smart phone)
- (241) Black plastic(base, front camera, Smart phone)
- (242) Clear green glass(filter, front camera, Smart phone)
- (243) Iridescent grey body(CMOS, front camera, Smart phone)
- (244) Clear plastic(lens, front camera, Smart phone)
- (245) Black plastic(gasket, front camera, Smart phone)
- (246) Black plated silvery metal(big gasket, front camera, Smart phone)
- (247) Black plated silvery metal(small gasket, front camera, Smart phone)
- (248) Black plastic(lens holder, main camera, Smart phone)
- (249) Clear plastic(lens, main camera, Smart phone)
- (250) Black plated silvery metal(gasket, main camera, Smart phone)
- (251) Black plastic(gasket, main camera, Smart phone)
- (252) Black plastic(ring, main camera, Smart phone)
- (253) Silvery metal(cover, main camera, Smart phone)
- (254) Silvery metal(magnet, main camera, Smart phone)
- (255) Coppery metal(gasket, main camera, Smart phone)
- (256) Coppery metal(coil, main camera, Smart phone)
- (257) Black plastic(base, main camera, Smart phone)
- (258) Silvery metal(gasket, base, main camera, Smart phone)
- (259) Clear green glass(filter, base, main camera, Smart phone)
- (260) Silvery solder(terminal, base, main camera, Smart phone)
- (261) Black/brown FPC with EC(FPC, main camera, Smart phone)
- (262) Black printed white plastic with adhesive(label, FPC, main camera, Smart phone)

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- (263) Black EVA with adhesive(pad, FPC, main camera, Smart phone)
- (264) Black plastic(base, connector, FPC, main camera, Smart phone)
- (265) Golden metal(pin, connector, FPC, main camera, Smart phone)
- (266) Iridescent grey body(CMOS, FPC, main camera, Smart phone)
- (267) Black body(big IC, FPC, main camera, Smart phone)
- (268) Black/brown FPC(B2604-FPC, rear camera, Smart phone)
- (269) Silvery metal(rectangular retainer plate, connector, B2604-FPC, rear camera, Smart phone)
- (270) Black EVA with adhesive(thin pad, rectangular retainer plate, B2604-FPC, rear camera, Smart phone)
- (271) Black EVA with adhesive(thick pad, small square retainer plate, B2604-FPC, rear camera, Smart phone)
- (272) Silvery metal(big square retainer plate, B2604-FPC, rear camera, Smart phone)
- (273) Silvery metal(small square retainer plate, B2604-FPC, rear camera, Smart phone)
- (274) Black plastic(base, connector, B2604-FPC, rear camera, Smart phone)
- (275) Golden plated silvery metal(pin, connector, B2604-FPC, rear camera, Smart phone)
- (276) Grey/green body(COMS, big rear camera, Smart phone)
- (277) Black plastic(lens holder, big rear camera, Smart phone)
- (278) Black plastic(base, big rear camera, Smart phone)
- (279) Black plastic(gasket, big rear camera, Smart phone)
- (280) Iridescent clear glass(filter, big rear camera, Smart phone)
- (281) Clear plastic(lens, big rear camera, Smart phone)
- (282) Black plastic(ring, big rear camera, Smart phone)
- (283) Black plastic(lens holder, small camera, Smart phone)
- (284) Black plastic(base, small camera, Smart phone)
- (285) Clear plastic(lens, small camera, Smart phone)
- (286) Grey/green body(COMS, small rear camera, Smart phone)
- (287) Black FPC(G013-MFPC, Smart phone)
- (288) Black EVA with adhesive(pad, retainer plate, G013-MFPC, Smart phone)
- (289) Silvery metal(retainer plate, G013-MFPC, Smart phone)
- (290) Black plastic(base, connector, G013-MFPC, Smart phone)
- (291) Golden metal(pin, connector, G013-MFPC, Smart phone)
- (292) Silvery metal(holder, connector, G013-MFPC, Smart phone)
- (293) Black plastic with adhesive(tape, battery, Smart phone)
- (294) Grey plastic with adhesive(tape, battery, Smart phone)
- (295) Black EVA with adhesive(tape, battery, Smart phone)

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- (296) Translucent plastic with adhesive(tape, battery, Smart phone)
- (297) Black PCB(PCB, battery, Smart phone)
- (298) Black PCB with EC(FPC, battery, Smart phone)
- (299) Blue dry glue(sealant, FPC, battery, Smart phone)
- (300) Black plastic(base, connector, FPC, battery, Smart phone)
- (301) Golden metal(pin, connector, FPC, battery, Smart phone)
- (302) Silvery metal(holder, connector, FPC, battery, Smart phone)
- (303) Silvery metal(retainer plate, FPC, battery, Smart phone)
- (304) Black EVA with adhesive(pad, retainer plate, FPC, battery, Smart phone)
- (305) Silvery metal(contact plate, FPC, battery, Smart phone)
- (306) Silvery solder(FPC, battery, Smart phone)
- (307) Black plastic(camera plate, Smart phone)
- (308) Black/brown FPC(DIV-FPC, camera plate, Smart phone)
- (309) Silvery fabric with adhesive(conductive cloth, camera plate, Smart phone)
- (310) Black/brown FPC(FLASH-FPC, camera plate, Smart phone)
- (311) Yellow body(LED, FLASH-FPC, camera plate, Smart phone)
- (312) Silvery metal(big retainer plate, FLASH-FPC, camera plate, Smart phone)
- (313) Silvery metal(small retainer plate, FLASH-FPC, camera plate, Smart phone)
- (314) Silvery metal(plate, camera plate, Smart phone)
- (315) Silvery metal(long screw, plate, camera plate, Smart phone)
- (316) Silvery metal(medium screw, camera plate, Smart phone)
- (317) Silvery metal(short screw, camera plate, Smart phone)
- (318) Black plate silvery metal(screw, camera plate, Smart phone)
- (319) Black plastic with adhesive(tape, NFC, Smart phone)
- (320) Black magnet(anti-metal ferrite, NFC, Smart phone)
- (321) Black plastic with coppery metal(NFC, Smart phone)
- (322) Black PCB with EC(MAIN-PCB, Smart phone)
- (323) Black/grey plastic(thermal pad, MAIN-PCB, Smart phone)
- (324) Silvery metal(small shield cover, MAIN-PCB, Smart phone)
- (325) Yellow coated silvery metal(shield cover, MAIN-PCB, Smart phone)
- (326) Coppery metal(foil, shield cover, MAIN-PCB, Smart phone)
- (327) Blue soft plastic(thermal grease, MAIN-PCB, Smart phone)
- (328) Black fabric with adhesive(dust gauze, receiver, MAIN-PCB, Smart phone)

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- (329) Black EVA with adhesive(double-sided tape, receiver, MAIN-PCB, Smart phone)
- (330) Silvery metal(cover, receiver, MAIN-PCB, Smart phone)
- (331) Clear plastic(diaphragm, receiver, MAIN-PCB, Smart phone)
- (332) Silvery metal(sheet, diaphragm, receiver, MAIN-PCB, Smart phone)
- (333) Coppery enamelled wire(coil, receiver, MAIN-PCB, Smart phone)
- (334) White fabric with adhesive(dust gauze, receiver, MAIN-PCB, Smart phone)
- (335) Black plastic(frame, receiver, MAIN-PCB, Smart phone)
- (336) Golden plated silvery metal(contact pin, frame, receiver, MAIN-PCB, Smart phone)
- (337) Silvery solder(terminal, frame, receiver, MAIN-PCB, Smart phone)
- (338) Red soft plastic(wire jacket, cable, receiver, MAIN-PCB, Smart phone)
- (339) Black soft plastic(wire jacket, cable, receiver, MAIN-PCB, Smart phone)
- (340) Silvery metal(wire, cable, receiver, MAIN-PCB, Smart phone)
- (341) Silvery metal(rear cover, receiver, MAIN-PCB, Smart phone)
- (342) Silvery metal(magnet, receiver, MAIN-PCB, Smart phone)
- (343) Silvery metal(top plate, receiver, MAIN-PCB, Smart phone)
- (344) Black plastic(large connector, MAIN-PCB, Smart phone)
- (345) Golden metal(pin, large connector, MAIN-PCB, Smart phone)
- (346) Black plastic(medium connector, MAIN-PCB, Smart phone)
- (347) Golden metal(pin, medium connector, MAIN-PCB, Smart phone)
- (348) Black plastic(small connector, MAIN-PCB, Smart phone)
- (349) Golden metal(pin, small connector, MAIN-PCB, Smart phone)
- (350) Black plastic(mini connector, MAIN-PCB, Smart phone)
- (351) Golden metal(pin, mini connector, MAIN-PCB, Smart phone)
- (352) Silvery metal(holder, socket, MAIN-PCB, Smart phone)
- (353) Black plastic(base, socket, MAIN-PCB, Smart phone)
- (354) Silvery metal(pin, socket, MAIN-PCB, Smart phone)
- (355) Golden metal(holder, small socket, MAIN-PCB, Smart phone)
- (356) Golden metal(contact pin, small socket, MAIN-PCB, Smart phone)
- (357) Black plastic(base, small socket, MAIN-PCB, Smart phone)
- (358) Silvery metal(holder, mini socket, MAIN-PCB, Smart phone)
- (359) Silvery metal(pin, mini socket, MAIN-PCB, Smart phone)
- (360) Black plastic(base, mini socket, MAIN-PCB, Smart phone)
- (361) Black EVA with adhesive(pad, connector/socket, MAIN-PCB, Smart phone)

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- (362) Black soft plastic(LED cap, MAIN-PCB, Smart phone)
- (363) Iridescent clear body(LED, MAIN-PCB, Smart phone)
- (364) Iridescent clear body(small LED, MAIN-PCB, Smart phone)
- (365) Black plastic(base, LED/small LED, MAIN-PCB, Smart phone)
- (366) Clear/white body(LED, MAIN-PCB, Smart phone)
- (367) Silvery metal(cover, SIM slot, MAIN-PCB, Smart phone)
- (368) Silvery metal(puller, SIM slot, MAIN-PCB, Smart phone)
- (369) Silvery metal(rotating rod, SIM slot, MAIN-PCB, Smart phone)
- (370) Golden metal(rotating shaft, SIM slot, MAIN-PCB, Smart phone)
- (371) Golden plated silvery metal(contact pin, SIM slot, MAIN-PCB, Smart phone)
- (372) Black plastic(base, SIM slot, MAIN-PCB, Smart phone)
- (373) Silvery metal(antenna clamp, MAIN-PCB, Smart phone)
- (374) Silvery metal(antenna socket, MAIN-PCB, Smart phone)
- (375) Black plastic(base, antenna socket, MAIN-PCB, Smart phone)
- (376) Golden metal(antenna connector, MAIN-PCB, Smart phone)
- (377) Golden metal(pin, antenna connector, MAIN-PCB, Smart phone)
- (378) Black plastic(base, antenna connector, MAIN-PCB, Smart phone)
- (379) Silvery metal(cover, IC"Ek", MAIN-PCB, Smart phone)
- (380) Black body(columnar inductor, MAIN-PCB, Smart phone)
- (381) Silvery solder(wire welding, MAIN-PCB, Smart phone)
- (382) Silvery solder(weld joint, shield cover, MAIN-PCB, Smart phone)
- (383) Silvery solder(empty solder, MAIN-PCB, Smart phone)
- (384) Black plastic(speaker plate, Smart phone)
- (385) Black FPC(MAIN-FPC, speaker plate, Smart phone)
- (386) Silvery fabric with adhesive(conductive cloth, speaker plate, Smart phone)
- (387) White plastic(sealing tape, speaker plate, Smart phone)
- (388) Black fabric with adhesive(dust gauze, speaker plate, Smart phone)
- (389) Black soft plastic(gasket, dust gauze, speaker plate, Smart phone)
- (390) Green PCB with EC(SUB-PCB, Smart phone)
- (391) Black plastic(connector, SUB-PCB, Smart phone)
- (392) Black EVA with adhesive(loop, connector, SUB-PCB, Smart phone)
- (393) Silvery metal(holder, connector, SUB-PCB, Smart phone)
- (394) Golden plated silvery metal(pin, connector, SUB-PCB, Smart phone)

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- (395) Black plastic(type-C port, SUB-PCB, Smart phone)
- (396) Black soft plastic(loop, type-C port, SUB-PCB, Smart phone)
- (397) Black plastic(pin holder, type-C port, SUB-PCB, Smart phone)
- (398) Silvery metal(type-C port, SUB-PCB, Smart phone)
- (399) Golden metal(pin, SUB-PCB, Smart phone)
- (400) Silvery body(Mic, SUB-PCB, Smart phone)
- (401) White silicone(adhesive, Mic, SUB-PCB, Smart phone)
- (402) Black EVA with adhesive(dust gauze, Mic, SUB-PCB, Smart phone)
- (403) Golden plated silvery metal(contact pin, SUB-PCB, Smart phone)
- (404) Silvery solder(wire welding, SUB-PCB, Smart phone)
- (405) Silvery solder(empty solder, SUB-PCB, Smart phone)
- (406) Black plastic(jacket, antenna cable, Smart phone)
- (407) Golden plated silvery metal(plug, antenna cable, Smart phone)
- (408) Black plastic(base, plug, antenna cable, Smart phone)
- (409) Golden metal(contact pin, plug, antenna cable, Smart phone)
- (410) Silvery metal(shielding layer, antenna cable, Smart phone)
- (411) White plastic(inner wire jacket, antenna cable, Smart phone)
- (412) Silvery metal(wire, antenna cable, Smart phone)
- (413) Black plated silvery metal(rear cover, speaker, Smart phone)
- (414) Translucent dry glue(adhesive, rear cover, speaker, Smart phone)
- (415) Silvery metal(magnet, speaker, Smart phone)
- (416) Silvery metal(top plate, speaker, Smart phone)
- (417) Black plastic(frame, speaker, Smart phone)
- (418) Silvery metalterminal, frame, speaker, Smart phone)
- (419) Silvery solderterminal, frame, speaker, Smart phone)
- (420) Coppery enamelled wire(coil, speaker, Smart phone)
- (421) Translucent plastic with glue(diaphragm, speaker, Smart phone)
- (422) Black coated silvery metal(sheet, diaphragm, speaker, Smart phone)
- (423) White plastic(sheet, diaphragm, speaker, Smart phone)
- (424) Red soft plastic(wire jacket, speaker cable, Smart phone)
- (425) Silvery metal(wire, speaker cable, Smart phone)
- (426) Black soft plastic with adhesive(pad, vibration motor, Smart phone)
- (427) Silvery metal(case, vibration motor, Smart phone)

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- (428) Silvery metal(chassis, vibration motor, Smart phone)
- (429) Transparent plastic(gasket, case, vibration motor, Smart phone)
- (430) Silvery metal(shaft, chassis, vibration motor, Smart phone)
- (431) Silvery metal(magnet, vibration motor, Smart phone)
- (432) Green PCB(PCB, vibration motor, Smart phone)
- (433) Silvery metal(eccentric wheel, PCB, vibration motor, Smart phone)
- (434) Golden metal(bearing, PCB, vibration motor, Smart phone)
- (435) Coppery metal(coil, PCB, vibration motor, Smart phone)
- (436) Orange FPC(FPC, vibration motor, Smart phone)
- (437) Silvery metal(brush, FPC, vibration motor, Smart phone)
- (438) Silvery solder(brush, FPC, vibration motor, Smart phone)
- (439) Clear glue(sealant, FPC, vibration motor, Smart phone)
- (440) Bright red soft plastic(wire jacket, motor cable, FPC, vibration motor, Smart phone, semi-product)
- (441) Bright blue soft plastic(wire jacket, motor cable, FPC, vibration motor, Smart phone, semi-product)
- (442) Silvery metal(wire, motor cable, FPC, vibration motor, Smart phone)
- (443) Silvery solder(wire welding, FPC, vibration motor, Smart phone)
- (444) Black body(battery, Smart phone)
- (445) White soft plastic(jacket, USB-cable)
- (446) Translucent plastic(sealant, male plug, USB cable)
- (447) Black soft plastic(wire jacket, speaker cable, Smart phone)

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A. Two hundred and fifty-three(253) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 and its amendment directives concerning the REACH

Test method: With reference to in- house method, Analysis is performed by ICP-OES, AAS,UV-VIS, GC-MS, HPLC, HPLC-MS-MS.

Item	Unit	MDL	Result						
			(1)+(2)+(19)	(3)	(4)+(30)+(44) +(77)+(95)+ (110)+(129)+ (134)+(322)+ (390)	(5)+(6)+(45)	(7)+(10)+(29) +(31)+(33)+ (37)+(46)+ (49)+(59)+ (64)	(8)+(9)+(12)+ (17)+(18)+ (20)+(21)+ (47)+(48)+ (51)	
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result						
			(11)+(13)+ (16)	(14)+(23)+ (55)+(68)	(15)+(24)+ (25)+(27)+ (56)+(62)+ (63)+(69)+ (70)+(71)	(26)+(28)+ (32)+(79)+ (83)+(86)+ (112)+(123)+ (131)+(135)	(34)	(35)	
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result						
			(36)+(73)+ (119)+(120)+ (128)+(148)+ (151)+(152)+ (154)+(155)	(39)	(41)+(42)+ (61)	(43)	(50)+(52)+ (54)	(53)+(58)+ (60)+(66)+ (124)+(137)+ (139)+(140)+ (141)+(142)	
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result						
			(57)+(74)+ (75)	(65)+(72)+ (91)	(76)+(78)+ (80)+(84)+ (90)+(93)+ (94)+(99)+ (103)+(106)	(82)	(87)+(88)+ (96)+(111)+ (130)	(92)+(104)+ (107)	
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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Item	Unit	MDL	Result						
			(97)+(98)	(100)+(101)+ (102)	(108)+(109)+ (121)+(125)+ (126)+(127)+ (136)+(143)+ (144)+(145)	(113)+(118)	(115)+(116)+ (133)	(117)+(132)+ (156)	
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result						
			(138)	(146)	(147)+(150)+ (153)+(157)+ (175)+(176)+ (185)+(190)+ (194)+(198)	(149)+(233)+ (327)	(158)+(188)+ (218)	(159)+(204)+ (307)	
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result						
			(160)+(161)+ (162)+(163)+ (164)+(165)+ (167)+(168)+ (170)+(171)	(166)+(242)+ (259)+(280)+ (320)	(169)+(180)+ (189)+(231)+ (232)+(243)+ (266)+(267)+ (276)	(172)+(173)+ (174)+(177)+ (179)+(181)+ (182)+(183)+ (184)+(186)	(178)	(187)+(191)+ (192)+(193)+ (195)+(196)+ (197)+(199)+ (202)+(206)	
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result						
			(200)+(201)+ (203)+(205)+ (208)+(217)+ (221)+(222)+ (223)+(225)	(209)+(210)+ (211)+(212)+ (213)+(214)+ (215)+(216)+ (219)+(220)	(224)+(235)+ (237)+(238)+ (239)+(240)+ (241)+(244)+ (245)+(248)	(226)	(227)+(228)+ (229)	(230)+(236)+ (246)+(247)+ (250)+(253)+ (254)+(255)+ (256)+(258)	
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result						
			(249)+(251)+ (252)+(257)+ (261)+(262)+ (263)+(264)+ (268)+(270)	(260)	(265)+(269)+ (272)+(273)+ (275)+(289)+ (291)+(292)+ (301)+(302)	(271)+(274)+ (277)+(278)+ (279)+(281)+ (282)+(283)+ (284)+(285)	(286)+(311)+ (363)+(364)+ (366)+(380)+ (400)+(432)+ (436)	(287)+(288)+ (290)+(297)+ (298)+(299)+ (300)+(304)+ (308)+(309)	
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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Item	Unit	MDL	Result					
			(296)+(319)+(323)	(303)+(305)+(312)+(313)+(314)+(315)+(316)+(317)+(318)+(324)	(306)+(337)+(419)+(438)+(443)	(310)+(321)+(325)+(328)+(329)+(331)+(333)+(334)+(335)+(344)	(326)+(330)+(332)+(336)+(340)+(341)+(342)+(343)+(345)+(347)	(338)+(339)+(424)
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result					
			(346)+(348)+(350)+(353)+(357)+(360)+(361)+(362)+(365)+(372)	(349)+(351)+(352)+(354)+(355)+(356)+(358)+(359)+(367)+(368)	(369)+(370)+(371)+(373)+(374)+(376)+(377)+(379)+(393)+(394)	(375)+(378)+(385)+(386)+(387)+(388)+(389)+(391)+(392)+(395)	(381)+(382)+(383)+(404)+(405)	(384)+(406)
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result			
			(396)+(397)+(401)+(402)+(408)+(411)+(414)+(417)+(420)+(421)	(398)+(399)+(403)+(407)+(409)+(410)+(412)+(413)+(415)+(416)	(418)+(425)+(427)+(428)+(430)+(431)+(433)+(435)+(437)+(442)	(422)+(423)+(426)+(429)+(439)
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result			
			(434)	(445)	(446)	(447)
All Tested 253 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.

No.	Item	EC No	Unit	MDL	Result	Category
					(22)+(67)+(122)	
9	Bis-(2-ethylhexyl) Phthalate(DEHP)	204-211-0	mg/kg	50	60	Equivalent level of concern having probable serious effects to the environment (Article 57 f);Toxic for reproduction (article 57c)
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

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No.	Item	EC No	Unit	MDL	Result	Category
					(38)	
184	Lead(Pb)	231-100-4	mg/kg	50	4470 [^]	Toxic for reproduction (Article 57 c)
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

No.	Item	EC No	Unit	MDL	Result	Category
					(40)	
184	Lead(Pb)	231-100-4	mg/kg	50	14181 [^]	Toxic for reproduction (Article 57 c)
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

No.	Item	EC No	Unit	MDL	Result	Category
					(81)	
184	Lead(Pb)	231-100-4	mg/kg	50	2522 [^]	Toxic for reproduction (Article 57 c)
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

No.	Item	EC No	Unit	MDL	Result	Category
					(85)	
184	Lead(Pb)	231-100-4	mg/kg	50	4133 [^]	Toxic for reproduction (Article 57 c)
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

No.	Item	EC No	Unit	MDL	Result	Category
					(89)+(105)+(114)	
9	Bis-(2-ethylhexyl) Phthalate(DEHP)	204-211-0	mg/kg	50	58	Equivalent level of concern having probable serious effects to the environment (Article 57 f); Toxic for reproduction (article 57c)
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

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No.	Item	EC No	Unit	MDL	Result	Category
					(207)	
184	Lead(Pb)	231-100-4	mg/kg	50	22293^	Toxic for reproduction (Article 57 c)
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

No.	Item	EC No	Unit	MDL	Result	Category
					(234)	
184	Lead(Pb)	231-100-4	mg/kg	50	613320^	Toxic for reproduction (Article 57 c)
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

No.	Item	EC No	Unit	MDL	Result	Category
					(293)+(294)+(295)	
9	Bis-(2-ethylhexyl) Phthalate(DEHP)	204-211-0	mg/kg	50	119	Equivalent level of concern having probable serious effects to the environment (Article 57 f);Toxic for reproduction (article 57c)
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

No.	Item	EC No	Unit	MDL	Result	Category
					(440)+(441)	
3	Dibutyl Phthalate(DBP)	201-557-4	mg/kg	50	113	CMR
/	All the other tested 252 SVHC in the Candidate	/	mg/kg	50	N.D.	/

No.	Item	EC No	Unit	MDL	Result	Category
					(444)	
4	Cobalt Dichloride(CoCl2)	231-589-4	mg/kg	50	66260^	CMR
37	Cobalt(II) sulfate	233-334-2	mg/kg	50	79103^	CMR
38	Cobalt(II) dinitrate	233-402-1	mg/kg	50	93362^	CMR
39	Cobalt(II) carbonate	208-169-4	mg/kg	50	60702^	CMR
40	Cobalt(II) diacetate	200-755-8	mg/kg	50	90342^	CMR

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No.	Item	EC No	Unit	MDL	Result	Category
					(444)	
167	1,3-Propanesultone	214-317-9	mg/kg	50	1378^	Carcinogenic(Article 57 a)
/	All the other tested 247 SVHC in the Candidate	/	mg/kg	50	N.D.	/

Full list of tested SVHC:

No.	Item	CAS No.	EC No.	Unit	MDL	Category
1	Anthracene(ANT)	120-12-7	204-371-1	mg/kg	50	PBT
2	4,4' -diaminodiphenylmethane (9#)	101-77-9	202-974-4	mg/kg	50	CMR
3	Dibutyl Phthalate(DBP)	84-74-2	201-557-4	mg/kg	50	CMR
4	Cobalt Dichloride(CoCl2)*	7646-79-9	231-589-4	mg/kg	50	CMR
5	Diarsenic Pentaoxide(As2O5)*	1303-28-2	215-116-9	mg/kg	50	CMR
6	Diarsenic Trioxide(As2O3)*	1327-53-3	215-481-4	mg/kg	50	CMR
7	Sodium Dichromate, Dihydrate*	7789-12-0; 10588-01-9	234-190-3	mg/kg	50	CMR
8	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	201-329-4	mg/kg	50	vPvB
9	Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	204-211-0	mg/kg	50	Equivalent level of concern having probable serious effects to the environment (Article 57 f);Toxic for reproduction (article 57c)
10	Hexabromocyclododecane (HBCDD)	25637-99-4 & 3194-55-6 (134237-51-7,134237-50-6,134237-52-8)	247-148-4;221-695-9	mg/kg	50	PBT
11	Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	mg/kg	50	PBT
12	Bis(tributyltin)oxide(TBTO) (TBTO)**	56-35-9	200-268-0	mg/kg	50	PBT
13	Lead Hydrogen Arsenate*	7784-40-9	232-064-2	mg/kg	50	CMR
14	Benzyl Butyl Phthalate(BBP)	85-68-7	201-622-7	mg/kg	50	CMR
15	Triethyl Arsenate*	15606-95-8	427-700-2	mg/kg	50	CMR
16	Anthracene oil***	90640-80-5	292-602-7	mg/kg	50	PBT

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
17	Anthracene oil, anthracene paste, distn. lights***	91995-17-4	295-278-5	mg/kg	50	PBT
18	Anthracene oil, anthracene paste, anthracene fraction***	91995-15-2	295-275-9	mg/kg	50	PBT
19	Anthracene oil, Anthracene-low***	90640-82-7	292-604-8	mg/kg	50	PBT
20	Anthracene oil, anthracene paste***	90640-81-6	292-603-2	mg/kg	50	PBT
21	Diisobutyl phthalate(DIBP)	84-69-5	201-553-2	mg/kg	50	CMR
22	2,4-Dinitrotoluene	121-14-2	204-450-0	mg/kg	50	CMR
23	coal tar pitch, high temperature***	65996-93-2	266-028-2	mg/kg	50	PBT
24	tris(2-chloroethyl)phosphate (TCEP)	115-96-8	204-118-5	mg/kg	50	CMR
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)(C.I. Pigment Yellow 34)	1344-37-2	215-693-7	mg/kg	50	CMR
26	C.I.Pigment Red 104	12656-85-8	235-759-9	mg/kg	50	CMR
27	Lead chromate: chrome yellow (Lead chromate)	7758-97-6	231-846-0	mg/kg	50	CMR
28	Acrylamide	79-06-1	201-173-7	mg/kg	50	CMR
29	Trichloroethylene	79-01-6	201-167-4	mg/kg	50	CMR
30	Boric acid	10043-35-3; 11113-50-1	233-139-2; 234-343-4	mg/kg	50	CMR
31	Disodium tetraborate, anhydrous*	1330-43-4;12179-04-3;1303-96-4	215-540-4	mg/kg	50	CMR
32	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	mg/kg	50	CMR
33	Sodium chromate*	7775-11-3	231-889-5	mg/kg	50	CMR
34	Potassium chromate*	7789-00-6	232-140-5	mg/kg	50	CMR
35	Ammonium dichromate*	7789-09-5	232-143-1	mg/kg	50	CMR
36	Potassium dichromate*	7778-50-9	231-906-6	mg/kg	50	CMR
37	Cobalt(II) sulfate*	10124-43-3	233-334-2	mg/kg	50	CMR
38	Cobalt(II) dinitrate*	10141-05-6	233-402-1	mg/kg	50	CMR
39	Cobalt(II) carbonate*	513-79-1	208-169-4	mg/kg	50	CMR
40	Cobalt(II) diacetate*	71-48-7	200-755-8	mg/kg	50	CMR
41	2-Methoxyethanol	109-86-4	203-713-7	mg/kg	50	CMR

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
42	2-Ethoxyethanol	110-80-5	203-804-1	mg/kg	50	CMR
43	Chromium trioxide*	1333-82-0	215-607-8	mg/kg	50	CMR
44	Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid*	7738-94-5; 13530-68-2	231-801-5;236-881-5	mg/kg	50	CMR
45	2-Ethoxyethyl acetate	111-15-9	203-839-2	mg/kg	50	CMR
46	strontium chromate*	7789-06-2	232-142-6	mg/kg	50	CRM
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)	68515-42-4	271-084-6	mg/kg	50	CMR
48	Hydrazine	7803-57-8; 302-01-2	206-114-9	mg/kg	50	CMR
49	1-methyl-2-pyrrolidone(NMP)	872-50-4	212-828-1	mg/kg	50	CMR
50	1,2,3-Trichloropropane	96-18-4	202-486-1	mg/kg	50	CMR
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich(DIHP(C7-rich))	71888-89-6	276-158-1	mg/kg	50	CMR
52	Zirconia Aluminosilicate Refractory Ceramic Fibres****	---	---	mg/kg	50	CMR
53	Calcium arsenate*	7778-44-1	231-904-5	mg/kg	50	CMR
54	Bis(2-methoxy ethyl)ether	111-96-6	203-924-4	mg/kg	50	CMR
55	Aluminosilicate Refractory Ceramic Fibres(RCF)****	---	---	mg/kg	50	CMR
56	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	234-329-8	mg/kg	50	CMR
57	Lead dipicrate	6477-64-1	229-335-2	mg/kg	50	CMR
58	N,N-Dimethylacetamide (DMAC)	127-19-5	204-826-4	mg/kg	50	CMR
59	Arsenic acid	7778-39-4	231-901-9	mg/kg	50	CMR
60	o-anisidine(21#)	90-04-0	201-963-1	mg/kg	50	CMR
61	Trilead diarsenate*	3687-31-8	222-979-5	mg/kg	50	CMR
62	1,2-Dichloroethane	107-06-2	203-458-1	mg/kg	50	CMR
63	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	mg/kg	50	CMR
64	4-(1,1,3,3-tetramethylbutyl) phenol(4-tert-OP)	140-66-9	205-426-2	mg/kg	50	Equivalent level of concern having probable serious effects to the environment

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
65	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	mg/kg	50	CMR
66	Bis(2-methoxyethyl) Phthalate (DMEP)	117-82-8	204-212-6	mg/kg	50	CMR
67	Lead diazide, Lead azide*	13424-46-9	236-542-1	mg/kg	50	CMR
68	Lead styphnate*	15245-44-0	239-290-0	mg/kg	50	CMR
69	2,2'-dichloro-4,4'-methylenedianiline(MOCA)	101-14-4	202-918-9	mg/kg	50	CMR
70	Phenolphthalein	77-09-8	201-004-7	mg/kg	50	CMR
71	Dichromium tris(chromate)*	24613-89-6	246-356-2	mg/kg	50	CMR
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme) (TEGDME)	112-49-2	203-977-3	mg/kg	50	CMR
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	110-71-4	203-794-9	mg/kg	50	CMR
74	Diboron trioxide*	1303-86-2	215-125-8	mg/kg	50	CMR
75	Formamide(FMA)	75-12-7	200-842-0	mg/kg	50	CMR
76	Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5	mg/kg	50	CMR
77	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	mg/kg	50	CMR
78	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	mg/kg	50	CMR
79	4,4'-Bis(dimethylamino) benzophenone(Michler's ketone)	90-94-8	202-027-5	mg/kg	50	CMR
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	mg/kg	50	CMR
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)*****	548-62-9	208-953-6	mg/kg	50	CMR
82	[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)*****	2580-56-5	219-943-6	mg/kg	50	CMR

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol(C.I. Solvent Blue 4)*****	6786-83-0	229-851-8	mg/kg	50	CMR
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol*****	561-41-1	209-218-2	mg/kg	50	CMR
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)(DecaBDE)	1163-19-5	214-604-9	mg/kg	50	PBT (Article 57 d) vPvB (Article 57 e)
86	Pentacosafuorotridecanoic acid(PFTrDA)	72629-94-8	276-745-2	mg/kg	50	vPvB
87	Tricosafuorododecanoic acid (PFDoA)	307-55-1	206-203-2	mg/kg	50	vPvB(Article 57e)
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	mg/kg	50	vPvB
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	mg/kg	50	vPvB
90	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	---	---	mg/kg	50	Equivalent level of concern having probable serious effects to the environment
91	4-Nonylphenol, branched and linear substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	---	---	mg/kg	50	Endocrine disrupting properties (Article 57 (f)-environment)
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	mg/kg	50	Equivalent level of concern having probable serious effects to the environment
93	Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry	85-42-7; 13149-00-3; 14166-21-3	201-604-9;236-086-3;238-009-9	mg/kg	50	Equivalent level of concern having probable serious effects to the environment

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0; 19438-60-9; 48122-14-1; 57110-29-9	247-094-1;243-072-0;256-356-4;260-566-1	mg/kg	50	Equivalent level of concern having probable serious effects to the environment
95	Methoxyacetic acid	625-45-6	210-894-6	mg/kg	50	CMR
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear(DPIP)	84777-06-0	284-032-2	mg/kg	50	CMR
97	Diisopentyl phthalate(DIPP)	605-50-5	210-088-4	mg/kg	50	CMR
98	n-pentyl-isopentyl phthalate (PIPP)	776297-69-9	---	mg/kg	50	CMR
99	1,2-Diethoxyethane	629-14-1	211-076-1	mg/kg	50	CMR
100	N,N-dimethylformamide (DMFA)	68-12-2	200-679-5	mg/kg	50	CMR
101	Dibutyltin dichloride(DBTC)	683-18-1	211-670-0	mg/kg	50	CMR
102	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	mg/kg	50	CMR
103	Trilead bis(carbonate) dihydroxide*	1319-46-6	215-290-6	mg/kg	50	Toxic for reproduction (Article 57c)
104	Lead oxide sulfate (basic lead sulfate)*	12036-76-9	234-853-7	mg/kg	50	CMR
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	69011-06-9	273-688-5	mg/kg	50	CMR
106	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	mg/kg	50	CMR
107	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	mg/kg	50	CMR
108	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	mg/kg	50	CMR
109	Lead cyanamate*	20837-86-9	244-073-9	mg/kg	50	CMR
110	Lead dinitrate*	10099-74-8	233-245-9	mg/kg	50	CMR
111	Lead oxide (lead monoxide)*	1317-36-8	215-267-0	mg/kg	50	CMR
112	Lead tetroxide (orange lead)*	1314-41-6	215-235-6	mg/kg	50	CMR
113	Lead titanium trioxide*	12060-00-3	235-038-9	mg/kg	50	CMR
114	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4	mg/kg	50	CMR
115	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	mg/kg	50	CMR
116	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	mg/kg	50	Toxic for reproduction (Article 57c)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
117	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD),the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	272-271-5	mg/kg	50	Toxic for reproduction (Article 57c)
118	Silicic acid, lead salt*	11120-22-2	234-363-3	mg/kg	50	Toxic for reproduction (Article 57c)
119	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	mg/kg	50	Toxic for reproduction (Article 57c)
120	Tetraethyllead*	78-00-2	201-075-4	mg/kg	50	Toxic for reproduction (Article 57c)
121	Tetralead trioxide sulphate*	12202-17-4	235-380-9	mg/kg	50	Toxic for reproduction (Article 57c)
122	Trilead dioxide phosphonate*	12141-20-7	235-252-2	mg/kg	50	Toxic for reproduction (Article 57c)
123	Furan	110-00-9	203-727-3	mg/kg	50	CMR
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	mg/kg	50	CMR
125	Diethyl sulfate	64-67-5	200-589-6	mg/kg	50	CMR
126	Dimethyl sulfate	77-78-1	201-058-1	mg/kg	50	CMR
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	mg/kg	50	CMR
128	Dinoseb	88-85-7	201-861-7	mg/kg	50	CMR
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	mg/kg	50	CMR
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	mg/kg	50	CMR
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	mg/kg	50	CMR
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	mg/kg	50	CMR
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	mg/kg	50	CMR
134	Biphenyl-4-ylamine	92-67-1	202-177-1	mg/kg	50	CMR
135	o-aminoazotoluene	97-56-3	202-591-2	mg/kg	50	CMR

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
136	o -Toluidine	95-53-4	202-429-0	mg/kg	50	CMR
137	N-Methylacetamide	79-16-3	201-182-6	mg/kg	50	CMR
138	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	mg/kg	50	CMR
139	Cadmium(Cd)	7440-43-9	231-152-8	mg/kg	50	Carcinogenic (Article 57a)/Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
140	Cadmium oxide*	1306-19-0	215-146-2	mg/kg	50	Carcinogenic (Article 57a)/Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	mg/kg	50	Toxic for reproduction (Article 57c)/PBT(Article 57d)
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	mg/kg	50	Toxic for reproduction (Article 57c)/PBT(Article 57d)
143	Dipentyl phthalate(DPP)	131-18-0	205-017-9	mg/kg	50	Toxic for reproduction (Article 57c)
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	---	---	mg/kg	50	Endocrine disrupting properties (Article 57 (f)-environment)
145	Cadmium sulphide*	1306-23-6	215-147-8	mg/kg	50	Carcinogenic (Article 57a)/Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
146	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	mg/kg	50	Carcinogenic(Article 57a)
147	Dihexyl phthalate	84-75-3	201-559-5	mg/kg	50	Toxic for reproduction (Article 57c)
148	Imidazolidine-2-thione(2-imidazoline-2-thiol)	96-45-7	202-506-9	mg/kg	50	Toxic for reproduction (Article 57c)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
149	Trixylyl phosphate(TXP)	25155-23-1	246-677-8	mg/kg	50	Toxic for reproduction (Article 57c)
150	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	mg/kg	50	Carcinogenic(Article 57a)
151	Lead di(acetate)*	301-04-2	206-104-4	mg/kg	50	Toxic for reproduction (Article 57c)
152	Sodium peroxometaborate*	7632-04-4	231-556-4	mg/kg	50	Toxic for reproduction (Article 57c)
153	Cadmium chloride*	10108-64-2	233-296-7	mg/kg	50	Carcinogenic (Article 57a)/Mutagenic (Article 57b)/Toxic for reproduction (Article 57c)/Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
154	1,2-Benzenedicarboxylic Acid, dihexyl ester, branched and linear(DHxP)	68515-50-4	271-093-5	mg/kg	50	Toxic for reproduction (Article 57c)
155	Sodium perborate; perboric acid, sodium salt*	---	---	mg/kg	50	Toxic for reproduction (Article 57c)
156	Cadmium fluoride*	7790-79-6	232-222-0	mg/kg	50	Carcinogenic (Article 57a)/Mutagenic (Article 57b)/Toxic for reproduction (Article 57c)/Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
157	Cadmium sulphate*	10124-36-4; 31119-53-6	233-331-6	mg/kg	50	Carcinogenic (Article 57a)/Mutagenic (Article 57b)/Toxic for reproduction (Article 57c)/Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
158	2-benzotriazol-2-yl-4, 6-di-tert-butylphenol(UV-320)	3846-71-7	223-346-6	mg/kg	50	PBT (Article 57d)/vPvB (Article 57e)
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol(UV-328)	25973-55-1	247-384-8	mg/kg	50	PBT (Article 57d)/vPvB (Article 57e)
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(DOTE)	15571-58-1	239-622-4	mg/kg	50	Toxic for reproduction (Article 57c)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	---	---	mg/kg	50	Toxic for reproduction (Article 57 c)
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	---	---	mg/kg	50	Toxic for reproduction (Article 57 c)
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	---	---	mg/kg	50	vPvB (Article 57e)
164	Nitrobenzene	98-95-3	202-716-0	mg/kg	50	Toxic for reproduction (Article 57 c)
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	mg/kg	50	vPvB (Article 57 e)
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	mg/kg	50	vPvB (Article 57 e)
167	1,3-Propanesultone	1120-71-4	214-317-9	mg/kg	50	Carcinogenic (Article 57 a)
168	Perfluorononan-1-oic acid and its sodium and ammonium salts	---	---	mg/kg	50	Toxic for reproduction (Article 57 c) /PBT (Article 57 d)
169	Benzo[a]pyrene (BaP)	50-32-8	200-028-5	mg/kg	50	Carcinogenic (Article 57 a) /Mutagenic (Article 57 b) /Toxic for reproduction (Article 57 c) /PBT (Article 57 d) / vPvB (Article 57 e)
170	p-(1,1-dimethylpropyl)phenol (PTAP)	80-46-6	201-280-9	mg/kg	50	Endocrine disrupting properties (Article 57(f) - environment)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	---	---	mg/kg	50	Toxic for reproduction (Article 57c) PBT (Article 57d)
172	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	---	---	mg/kg	50	Endocrine disrupting properties (Article 57(f) - environment)
173	4,4' -isopropylidenediphenol (bisphenol A)(BPA)	80-05-7	201-245-8	mg/kg	50	Toxic for reproduction (Article 57c) /Endocrine disrupting properties (Article 57(f) - environment) /Endocrine disrupting properties (Article 57(f) - human health)
174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	---	---	mg/kg	50	vPvB (Article 57e)
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)	---	---	mg/kg	50	Endocrine disrupting properties (Article 57(f) - environment)
176	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo [12.2.1.1 ^{6,9} .0 ^{2,13} .0 ^{5,10}]octadeca-7,15-diene ("Dechlorane Plus" [™])covering any of its individual anti- and syn-isomers or any combination thereof	---	---	mg/kg	50	vPvB (Article 57 e)
177	Chrysene(CHR)	218-01-9	205-923-4	mg/kg	50	Carcinogenic (Article 57 a) PBT (Article 57 d) vPvB (Article 57 e)
178	Cadmium nitrate*	10325-94-7	233-710-6	mg/kg	50	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
179	Cadmium hydroxide*	21041-95-2	244-168-5	mg/kg	50	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
180	Cadmium carbonate*	513-78-0	208-168-9	mg/kg	50	Carcinogenic (Article 57a) Mutagenic (Article 57b) Specific target organ toxicity after repeated exposure (Article 57(f) - human health)
181	Benzo[a]anthracene(BaA)	56-55-3	200-280-6	mg/kg	50	Carcinogenic (Article 57 a) PBT (Article 57 d) vPvB (Article 57 e)
182	Terphenyl, hydrogenated	61788-32-7	262-967-7	mg/kg	50	vPvB (Article 57 e)
183	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	mg/kg	50	PBT (Article 57 d) vPvB (Article 57 e)
184	Lead(Pb)	7439-92-1	231-100-4	mg/kg	50	Toxic for reproduction (Article 57 c)
185	Ethylenediamine(EDA)	107-15-3	203-468-6	mg/kg	50	Respiratory sensitising properties (Article 57 (f)-human health)
186	Dodecamethylcyclohexasiloxane(D6)	540-97-6	208-762-8	mg/kg	50	PBT (Article 57 d);vPvB (Article 57 e)
187	Disodium octaborate	12008-41-2	234-541-0	mg/kg	50	Toxic for reproduction (Article 57c)
188	Dicyclohexyl Phthalate(DCHP)	84-61-7	201-545-9	mg/kg	50	Toxic for reproduction (Article 57 c) Endocrine disrupting properties (Article 57(f)-human health)
189	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	mg/kg	50	PBT (Article 57 d) vPvB (Article 57 e)
190	Benzo[g,h,i]perylene (BPE)	191-24-2	205-883-8	mg/kg	50	PBT (Article 57 d) vPvB (Article 57 e)
191	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride(trimellitic anhydride)(TMA)	552-30-7	209-008-0	mg/kg	50	Respiratory sensitising properties (Article 57 (f)-human health)
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	mg/kg	50	Toxic for reproduction (Article 57 c)
193	Benzo[k]fluoranthene (BkFA)	207-08-9	205-916-6	mg/kg	50	Carcinogenic(Article 57 a)PBT (Article 57 d)vPvB(Article 57 e)
194	Fluoranthene (FLT)	206-44-0	205-912-4	mg/kg	50	PBT (Article 57 d) vPvB (Article 57 e)
195	Phenanthrene (PHE)	85-01-8	201-581-5	mg/kg	50	vPvB (Article 57 e)
196	Pyrene (PYR)	129-00-0	204-927-3	mg/kg	50	PBT (Article 57 d) vPvB (Article 57 e)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo [2.2.1]heptan-2-one(3-benzylidene camphor)(3-BC)	15087-24-8	239-139-9	mg/kg	50	Endocrine disrupting properties (Article 57 (f)-environment)
198	2-Methoxyethyl Acetate	110-49-6	203-772-9	mg/kg	50	Toxic for reproduction (Article 57c)
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	--	--	mg/kg	50	Endocrine disrupting properties (Article 57(f) - environment)
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	---	---	mg/kg	50	Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)
201	4-tert-Butylphenol(PTBP/BP)	98-54-4	202-679-0	mg/kg	50	Endocrine disrupting properties (Article 57(f) - environment)
202	Diisohexyl phthalate(DIHxP)	71850-09-4	276-090-2	mg/kg	50	Toxic for reproduction (Article 57c)
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	mg/kg	50	Toxic for reproduction (Article 57c)
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	mg/kg	50	Toxic for reproduction (Article 57c)
205	Perfluorobutane sulfonic acid (PFBS) and its salts(PFBS)	--	--	mg/kg	50	Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment) Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)
206	1-Vinylimidazole	1072-63-5	214-012-0	mg/kg	50	Toxic for reproduction (Article 57c)
207	2-Methylimidazole	693-98-1	211-765-7	mg/kg	50	Toxic for reproduction (Article 57c)
208	Dibutylbis(pentane-2,4-dionato -O,O')tin	22673-19-4	245-152-0	mg/kg	50	Toxic for reproduction (Article 57c)
209	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8	202-318-7	mg/kg	50	Endocrine disrupting properties - human health (Article 57(f) - human health)
210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	mg/kg	50	Toxic for reproduction (Article 57c)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis (cocoacyloxy) derivs., and any other stannane, dioctyl-, bis (fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	--	--	mg/kg	50	Toxic for reproduction (Article 57c)
212	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	--	--	mg/kg	50	Toxic for reproduction (Article 57c) Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)
213	orthoboric acid, sodium salt	--	--	mg/kg	50	Toxic for reproduction (Article 57c)
214	Medium-chain chlorinated paraffins (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17) (MCCP)	--	--	mg/kg	50	PBT (Article 57d) vPvB (Article 57e)
215	Glutaral	111-30-8	203-856-5	mg/kg	50	Respiratory sensitising properties (Article 57(f) - human health)
216	4,4'-(1-methylpropylidene) bisphenol	77-40-7	201-025-1	mg/kg	50	Endocrine disrupting properties (Article 57(f) - environment) Endocrine disrupting properties (Article 57(f) - human health)
217	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	--	--	mg/kg	50	Toxic for reproduction (Article 57c)
218	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0/36483-57-5/1522-92-5/96-13-9	221-967-7/253-057-0/202-480-9	mg/kg	50	Carcinogenic (Article 57a)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
219	1,4-dioxane	123-91-1	204-661-8	mg/kg	50	Carcinogenic (Article 57a) Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
220	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(DBMC)	119-47-1	204-327-1	mg/kg	50	Toxic for reproduction(Article 57 c)
221	tris(2-methoxyethoxy) vinylsilane	1067-53-4	213-934-0	mg/kg	50	Toxic for reproduction(Article 57 c)
222	(±)-1,7,7-trimethyl-3-[[4-methylphenyl)methylene] bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof(4-MBC)	--	--	mg/kg	50	Endocrine disrupting properties (Article 57(f) - human health)
223	S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	401-850-9	mg/kg	50	PBT (Article 57 d)
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	mg/kg	50	Carcinogenic (Article 57a) Mutagenic (Article 57b)
225	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl) morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	--	473-390-7	mg/kg	50	vPvB (Article 57e)
226	Perfluoroheptanoic acid and its salts	--	--	mg/kg	50	Toxic for reproduction (Article 57c); PBT (Article 57d); vPvB (Article 57e); Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health); Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
227	Melamine	108-78-1	203-615-4	mg/kg	50	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health); Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
228	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	mg/kg	50	Endocrine disrupting properties (Article 57(f) – human health)
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	--	mg/kg	50	vPvB (Article 57e)
230	Barium diboron tetraoxide	13701-59-2	237-222-4	mg/kg	50	Toxic for reproduction (Article 57c)
231	4,4'-sulphonyldiphenol	80-09-1	201-250-5	mg/kg	50	Toxic for reproduction (Article 57c); Endocrine disrupting properties (Article 57(f) – environment); Endocrine disrupting properties (Article 57(f) – human health)
232	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBPA)	79-94-7	201-236-9	mg/kg	50	Carcinogenic (Article 57a)
233	1,1'-[ethane-1,2-diylbis(oxy)]bis [2,4,6-tribromobenzene]	37853-59-1	253-692-3	mg/kg	50	vPvB (Article 57e)
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide(TPO)	75980-60-8	278-355-8	mg/kg	50	Toxic for reproduction (Article 57c)
235	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	mg/kg	50	vPvB (Article 57e)
236	2,4,6-tri-tert-butylphenol(2,4,6-TTBP)	732-26-3	211-989-5	mg/kg	50	Toxic for reproduction (Article 57c) PBT (Article 57d)
237	2-(2H-BENZOTRIAZOL-2-YL)-4-(1,1,3,3-TETRAMETHYLBUTYL) PHENOL(UV-329)	3147-75-9	221-573-5	mg/kg	50	vPvB (Article 57e)
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one(PI379)	119344-86-4	438-340-0	mg/kg	50	Toxic for reproduction (Article 57c)
239	Bumetrizole(UV-326)	3896-11-5	223-445-4	mg/kg	50	vPvB (Article 57e)
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	--	700-960-7	mg/kg	50	vPvB (Article 57e)

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No.	Item	CAS No.	EC No.	Unit	MDL	Category
241	Bis(α,α -dimethylbenzyl) peroxide	80-43-3	201-279-3	mg/kg	50	Toxic for reproduction (Article 57c)
242	Triphenyl phosphate(TPP)	115-86-6	204-112-2	mg/kg	50	Endocrine disrupting properties (Article 57(f) - environment)
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	mg/kg	50	Toxic for reproduction (Article 57c)
244	O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	mg/kg	50	PBT (Article 57d)
245	Octamethyltrisiloxane	107-51-7	203-497-4	mg/kg	50	vPvB (Article 57e)
246	Perfluamine	338-83-0	206-420-2	mg/kg	50	vPvB (Article 57e)
247	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	421-820-9	mg/kg	50	PBT (Article 57d)
248	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyloxy)trisiloxane (DK127)	17928-28-8	241-867-7	mg/kg	50	vPvB (Article 57e)
249	Decamethyltetrasiloxane	141-62-8	205-491-7	mg/kg	50	vPvB (Article 57e)
250	tetra(sodium/potassium)7-[(E)-{2-acetamido-4-[(E)-(4-{4-chloro-6-({2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl)amino}-1,3,5-triazine-2-yl]amino)-5-sulfonato-1-naphthyl]diazanyl]-5-methoxyphenyl]diazanyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51)	--	466-490-7	mg/kg	50	Toxic for reproduction (Article 57c)
251	1,1'-(ethane-1,2-diyl)bis [pentabromobenzene](DBDPE)	84852-53-9	284-366-9	mg/kg	50	vPvB(Article 57e)
252	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene] diphenol and its salts	--	--	mg/kg	50	Toxic for reproduction (Article 57c)
253	n-hexane	110-54-3	203-777-6	mg/kg	50	Specific target organ toxicity after repeated exposure (Article 57(f) - human health)

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Note:

- Please refer to full list of tested SVHC.
- N.D.= Not Detected or less than MDL
- MDL = Method Detection Limit
- + = Composite testing.
- * = Calculated concentration of Cobalt Dichloride(CoCl₂) is based on the identified heavy metal and anion result. Calculated concentration of Diarsenic Pentaoxide(As₂O₅), Diarsenic Trioxide(As₂O₃), Sodium Dichromate, Dihydrate, LeadHydrogen Arsenate and Triethyl Arsenate, Disodium tetraborate, anhydrous , Tetraboron disodium heptaoxide, hydrate, Sodium chromate , Potassium chromate, Ammonium dichromate, Potassium dichromate, Cobalt(II) sulfate, Cobalt(II) dinitrate, Cobalt(II) carbonate, Cobalt(II) diacetate, Chromium trioxide, Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid, strontium chromate, Calcium arsenate, Potassium hydroxyoctaoxidizincatedi-chromate, Lead dipicrate, Arsenic acid , Trilead diarsenate, Lead diazide, Lead azide, Lead styphnate, Dichromium tris(chromate), Diboron trioxide, Lead(II) bis(methanesulfonate), Acetic acid, lead salt, basic, Basic lead carbonate (trilead bis (carbonate)dihydroxide), Lead oxide sulfate (basic lead sulfate), [Phthalato(2-)]dioxotrilead(dibasic lead phthalate), Dioxobis(stearato) trilead, Fatty acids, C16-18, lead salts, Lead bis(tetrafluoroborate), Leadcyanamide, Lead dinitrate, Lead oxide (lead monoxide), Lead tetroxide (orange lead), Lead titanium trioxide, Lead Titanium Zirconium Oxide, Pentalead tetraoxide sulphate, Pyrochlore, antimony lead yellow C.I., Silicic acid (H₂Si₂O₅), barium salt(1:1), lead-doped, [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008], Silicic acid, lead salt, Sulfurous acid, lead salt, dibasic, Tetraethyllead, Tetralead trioxide sulphate, Trilead dioxide phosphonate, Cadmium oxide, Cadmium sulphide, Lead di(acetate), Sodiumperoxometaborate, Cadmium chloride , Sodium perborate; perboric acid, sodium salt, Cadmium fluoride, Cadmium sulphate, Cadmium nitrate, Cadmium hydroxide, Cadmium carbonate are based on the identified heavy metal result. Identity of above metal substances present in the article has to be further confirmed.
- ** = Calculated concentration of bis(tributyltin)oxide TBTO is based on the identified tributyltin, TBT Result. The result is a screening test of TBTO and can cover TBTO and other salts under current technologies. Further investigation is required if the exact amount of TBTO has to be determined.
- *** = Calculated concentration of these coal-tar products is based on the identified polycyclic aromatic hydrocarbons (PAHs) and heterocyclic compounds.
- **** = Calculated concentration of these Aluminosilicate and Zirconia Aluminosilicate is based on the identified aluminum and zirconium Result by ICP-AES.
- ***** = The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration $\geq 0.1\%$ (weight / weight). - Carcinogenic, Mutagenic or toxic to Reproduction (CMR), meeting the criteria for classification in category 1 or 2 in accordance with Directive 67/548/EEC, Persistent, Bioaccumulative and Toxic (PBT) or very Persistent and very Bioaccumulative (vPvB) according to the criteria in Annex of XIII of the REACH Regulation, and/or Identified, on a case-by-case basis, from scientific evidence as causing probable serious effects to human health or the environment of an equivalent level of concern as those above (e.g. endocrine disrupters).
- The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the list published by ECHA: <https://echa.europa.eu/candidate-list-table> This list is under evaluation by ECHA and may be subject to change in the future.
- If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

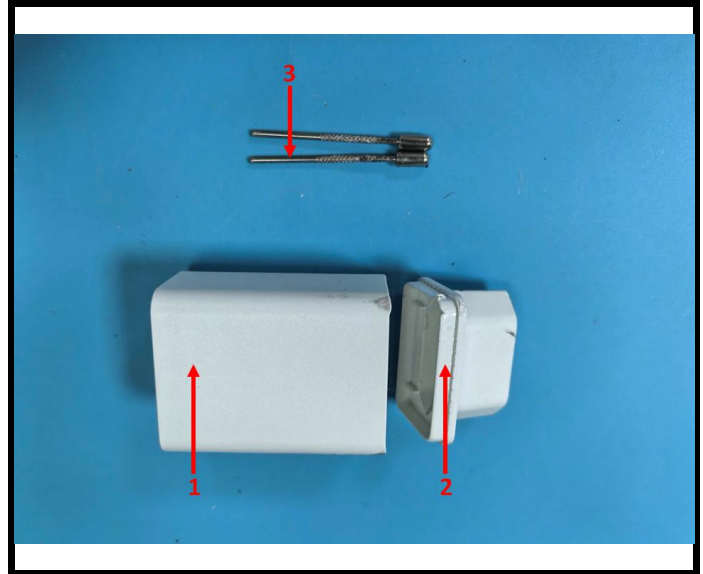
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Photograph of Sample

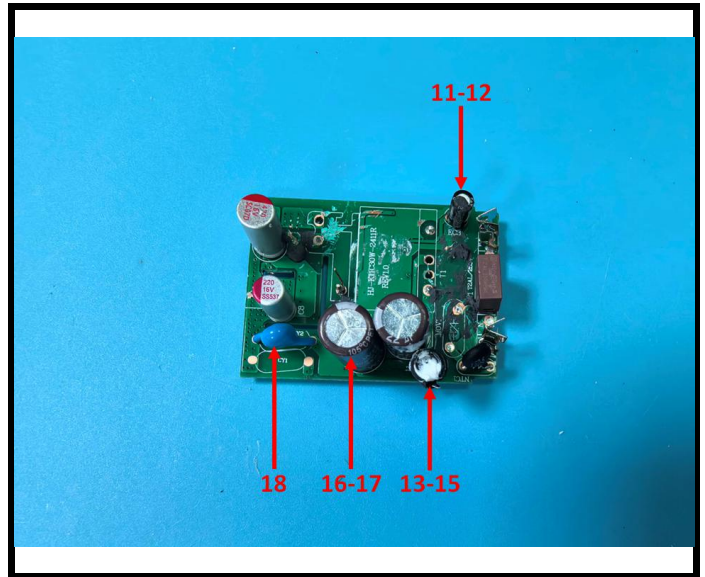
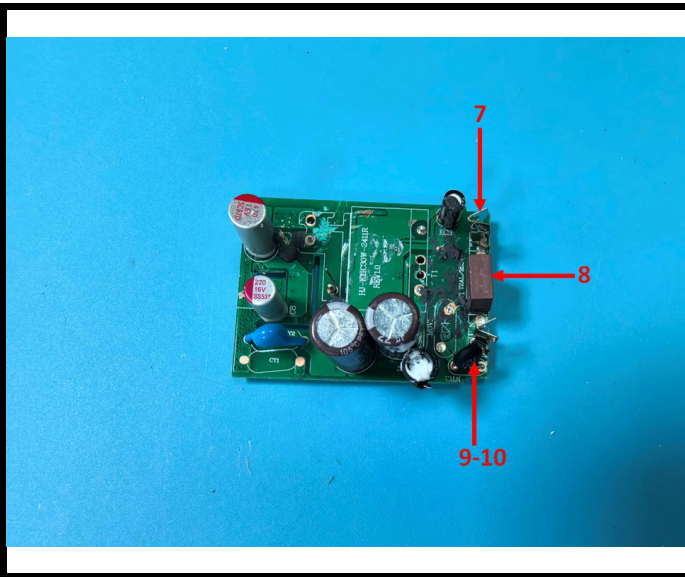
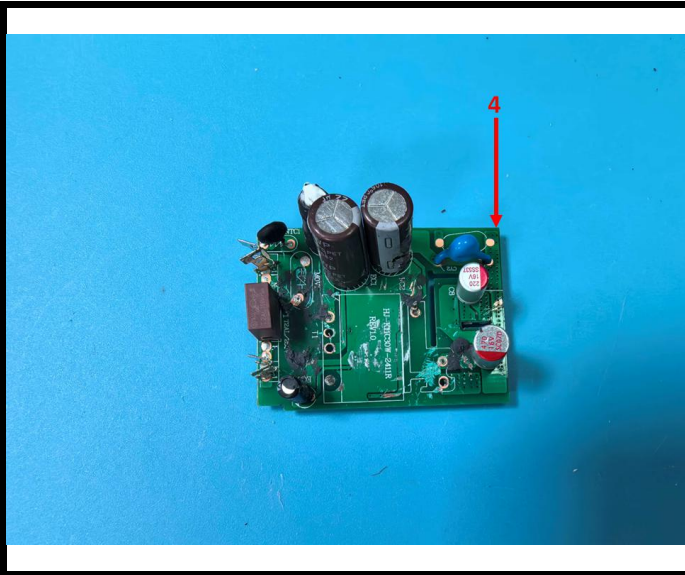


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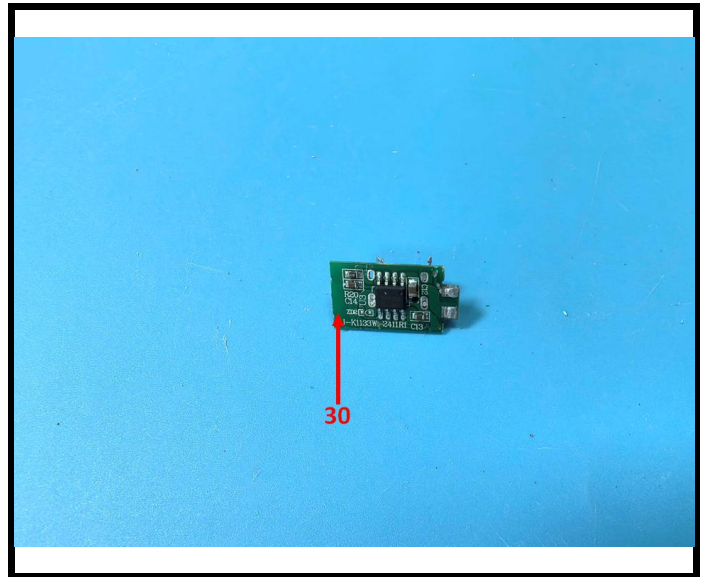
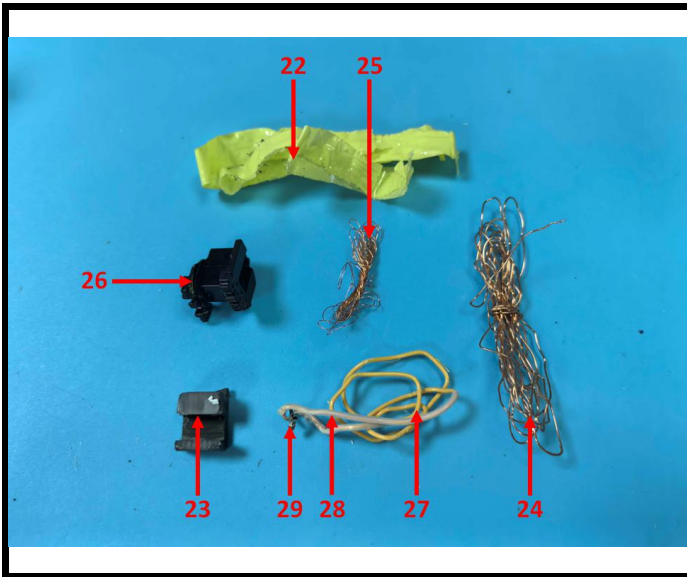
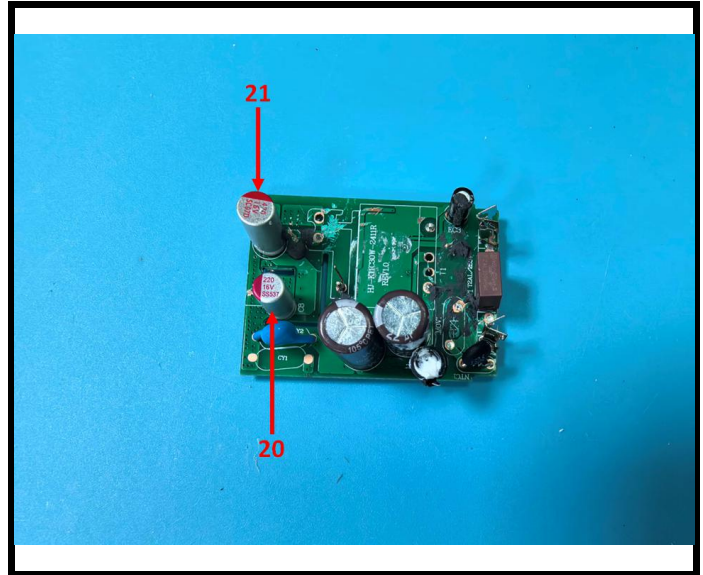
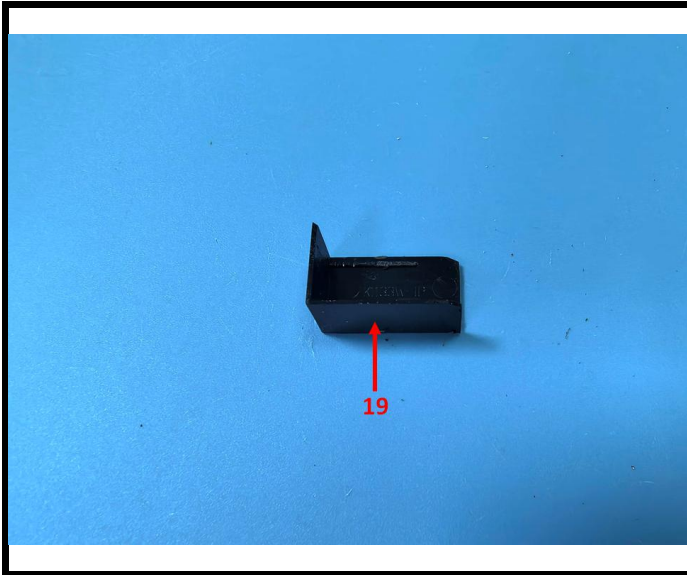


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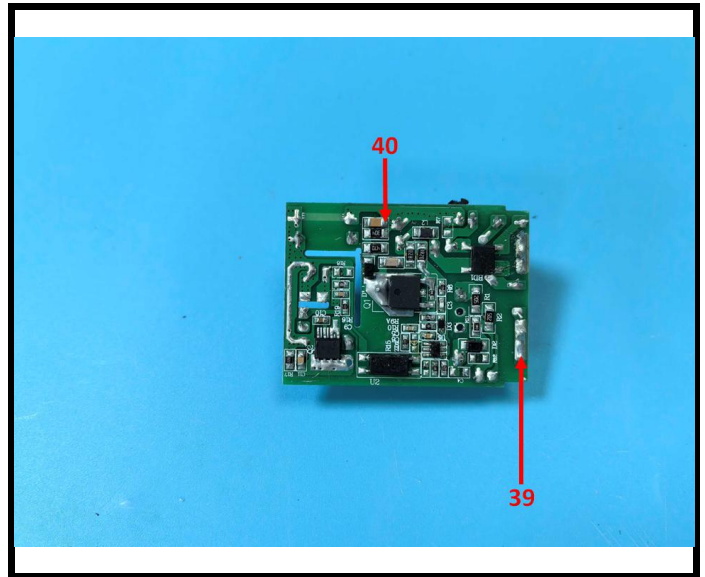
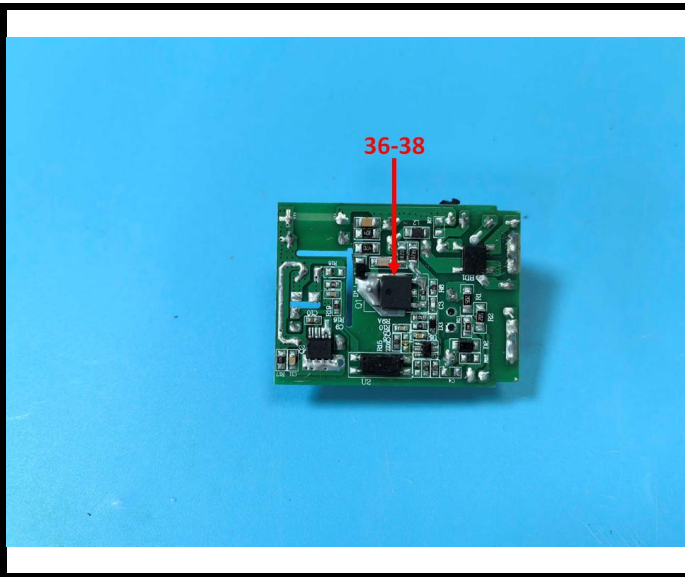
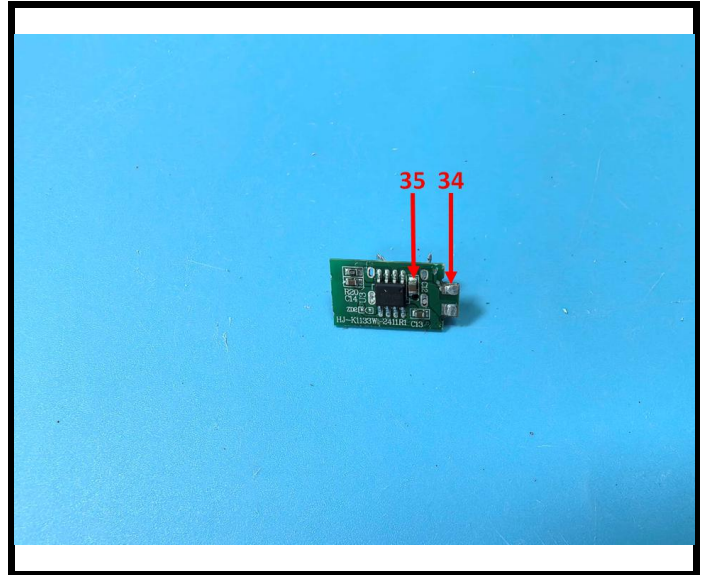
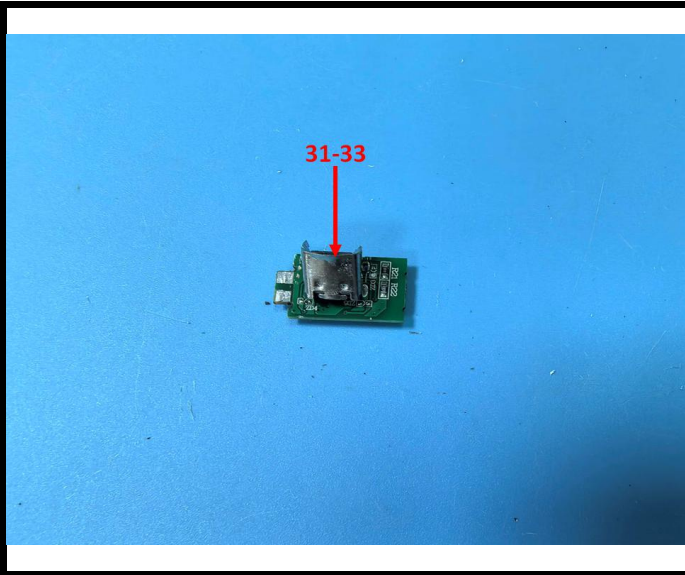


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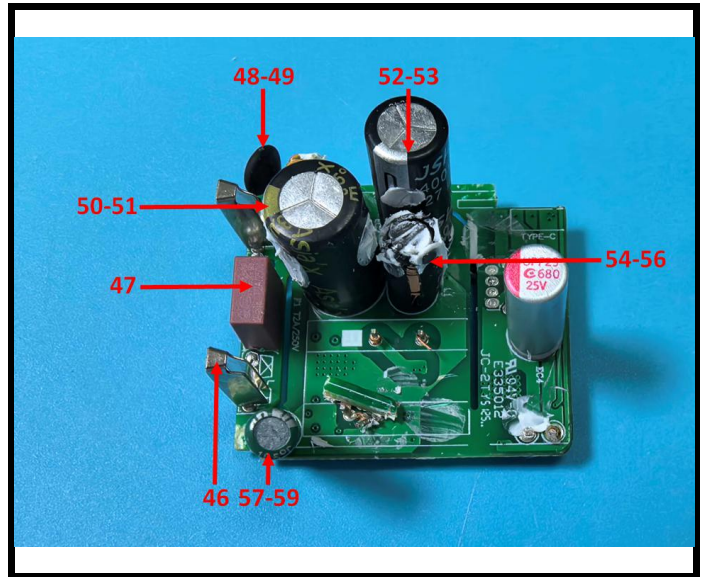
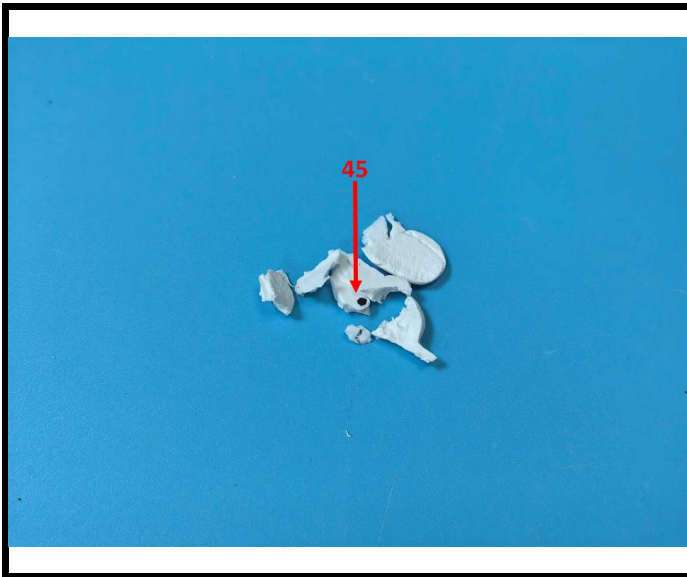
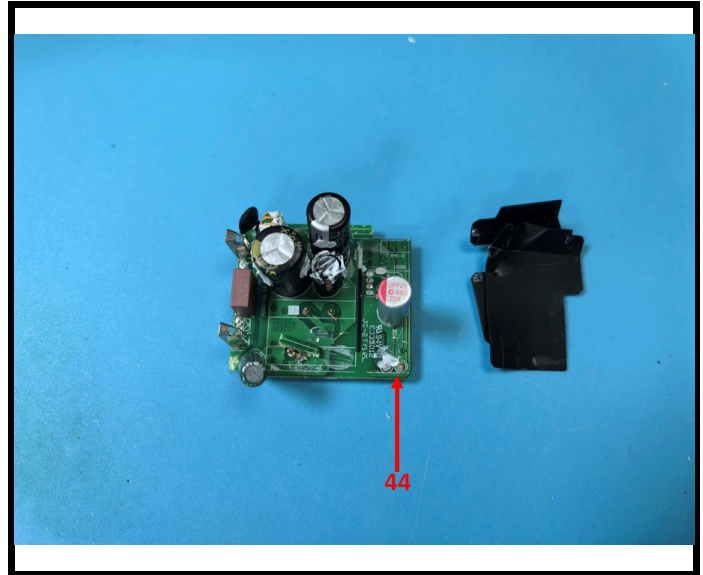
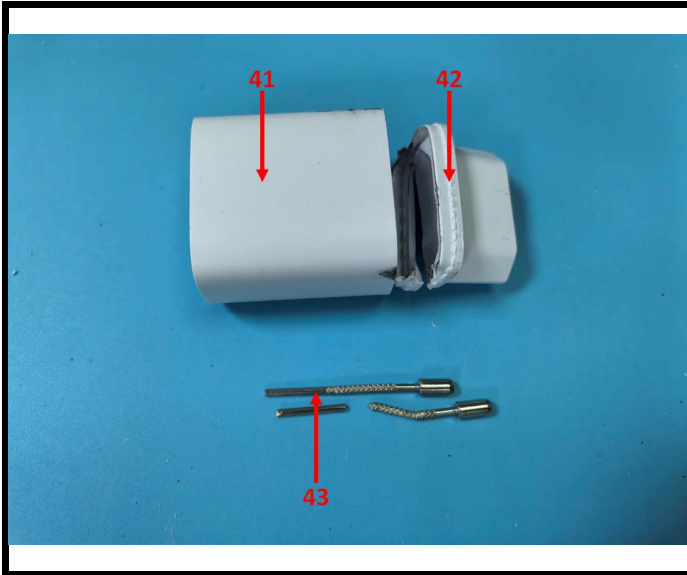


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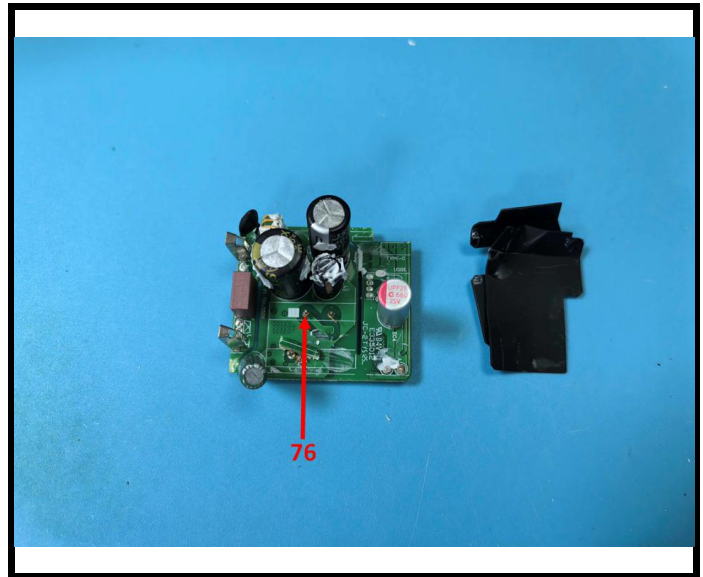
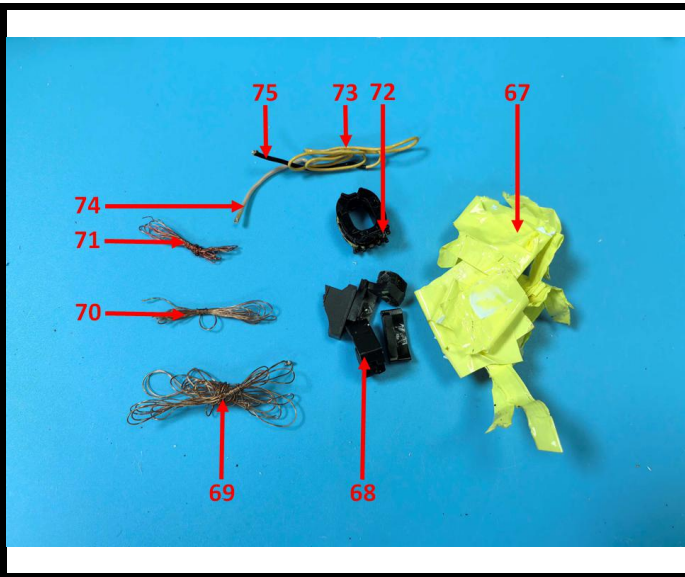
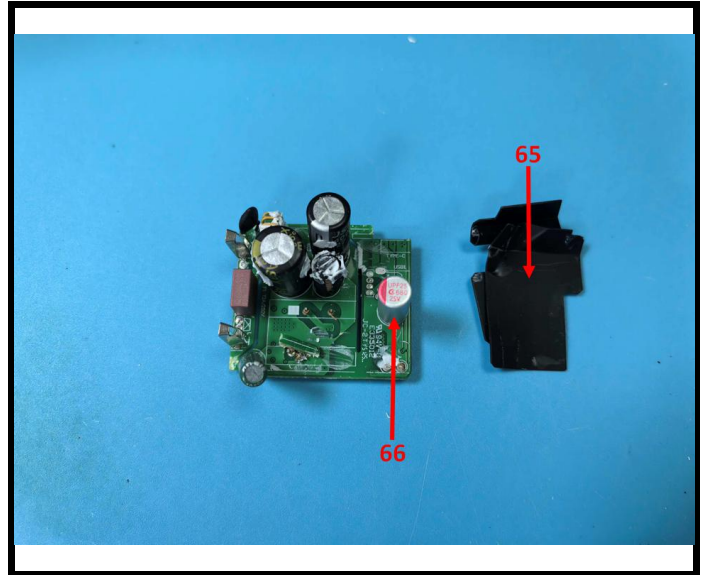
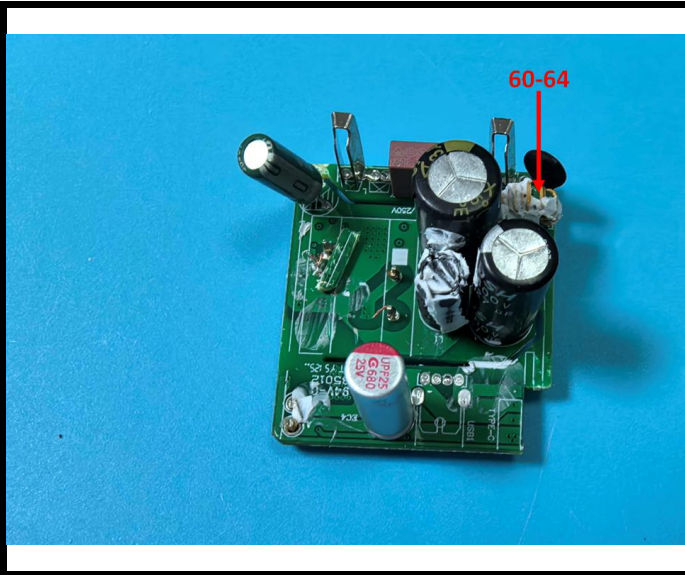


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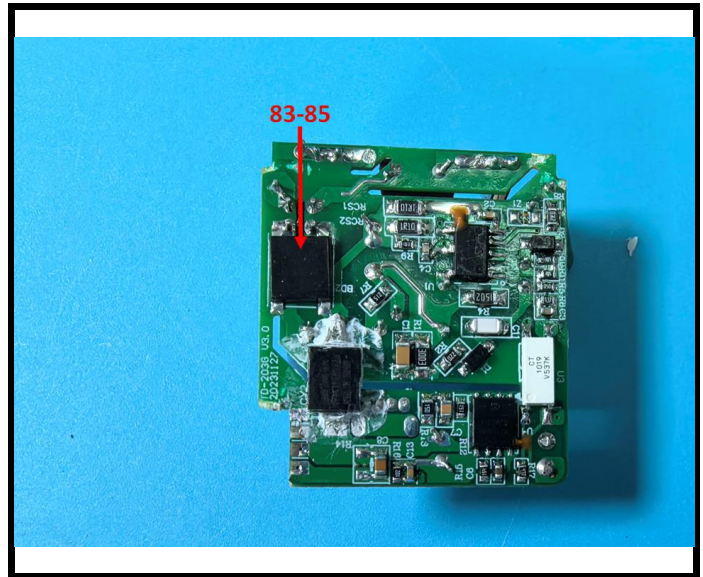
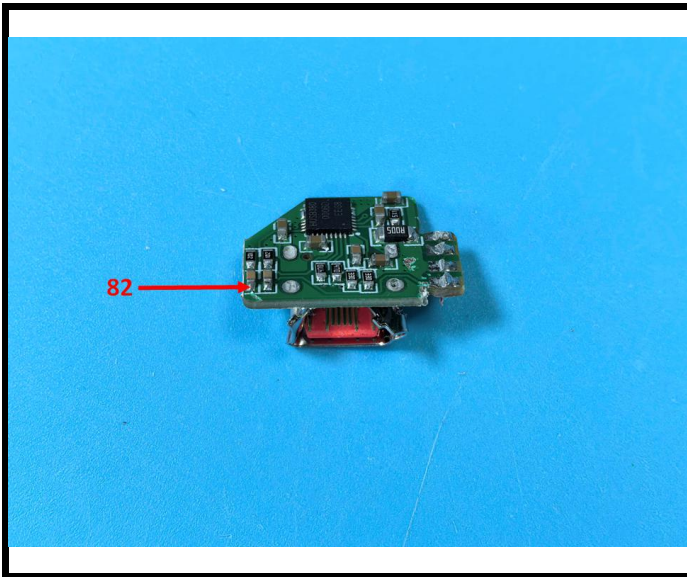
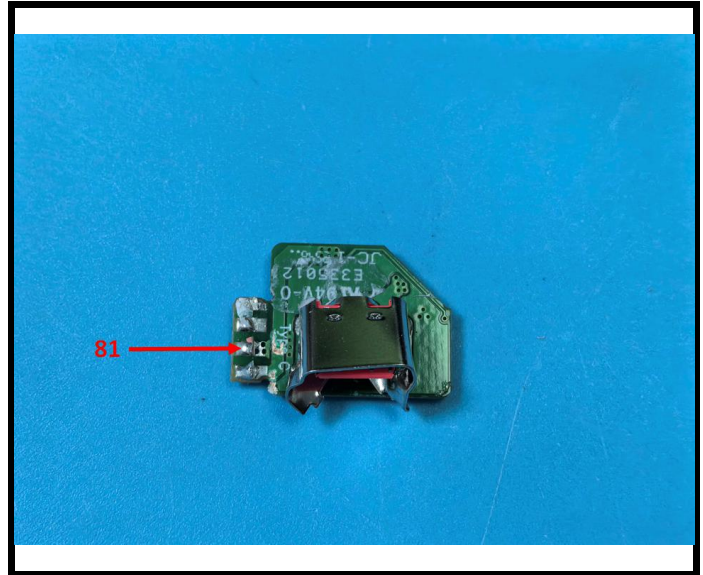
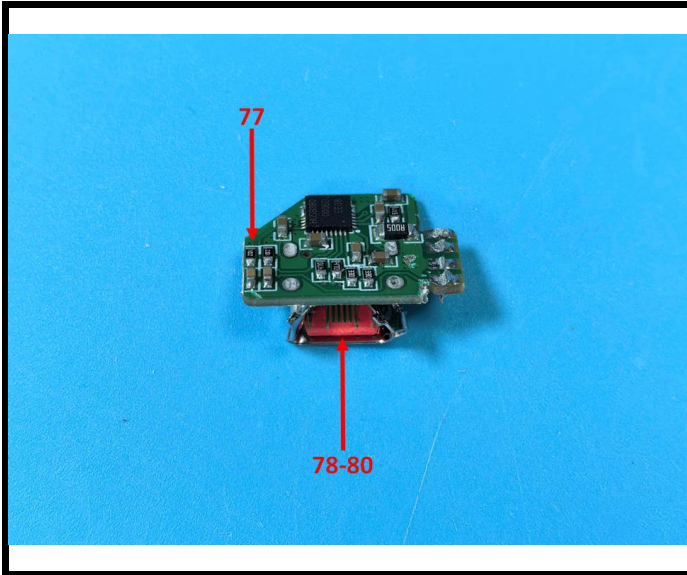


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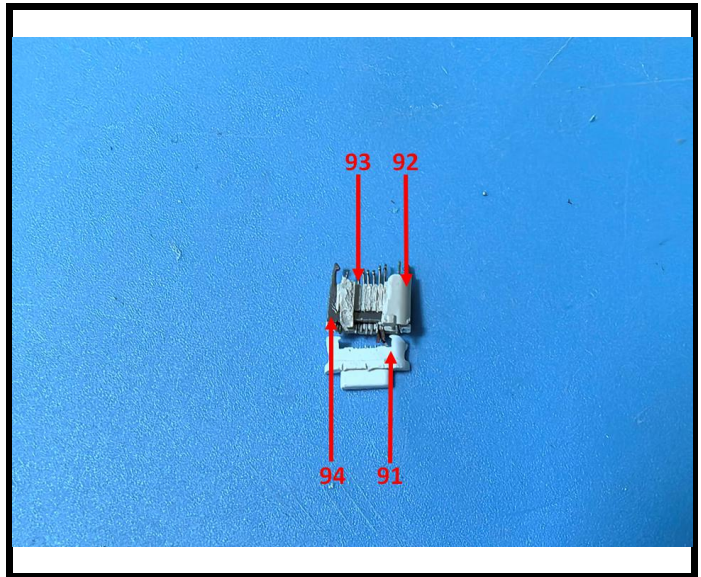
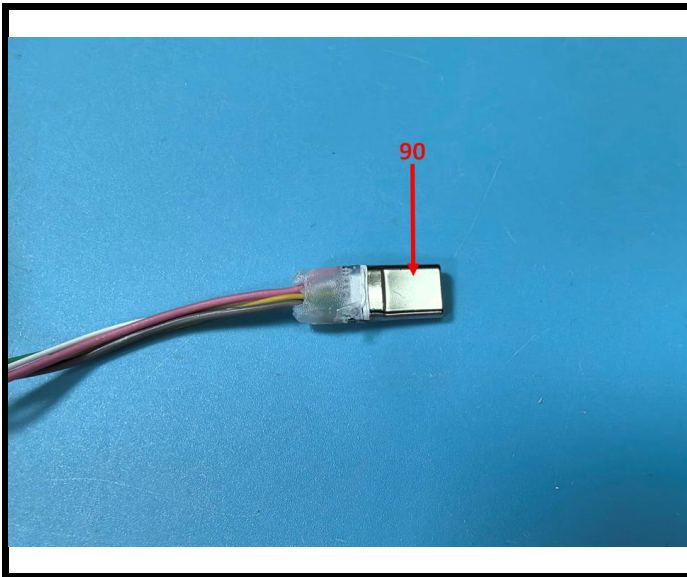
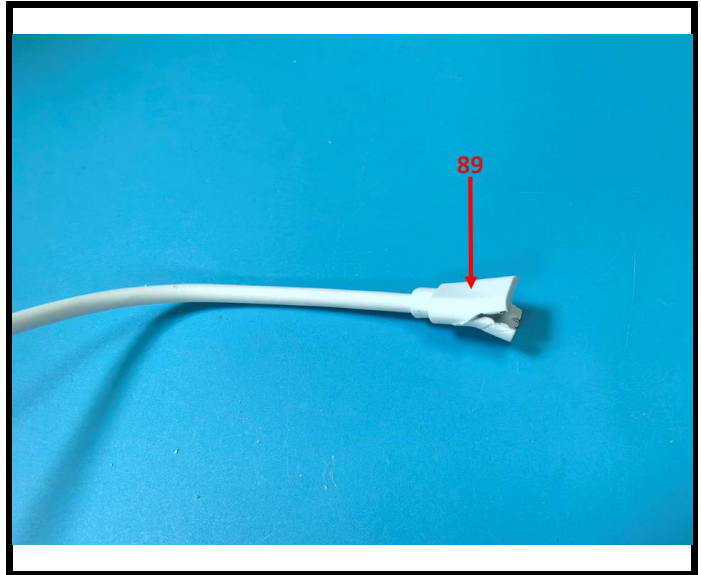
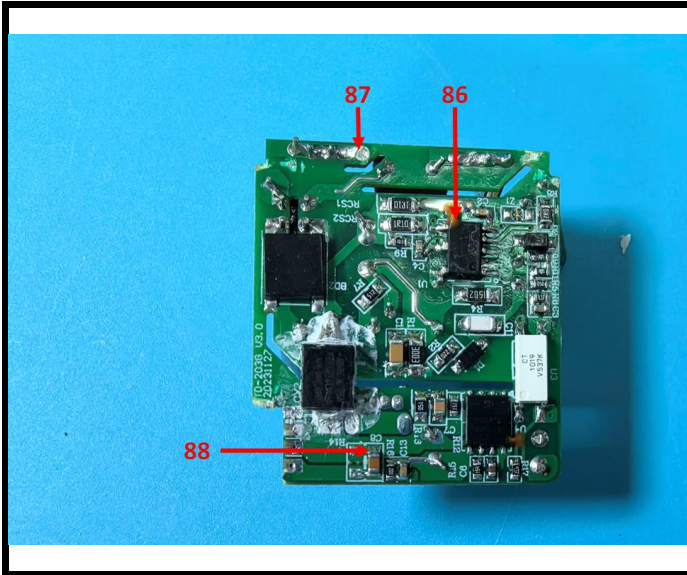


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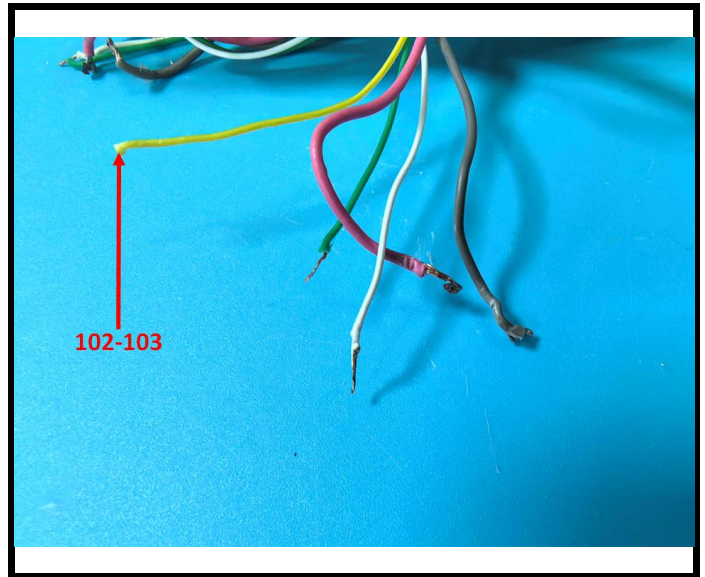
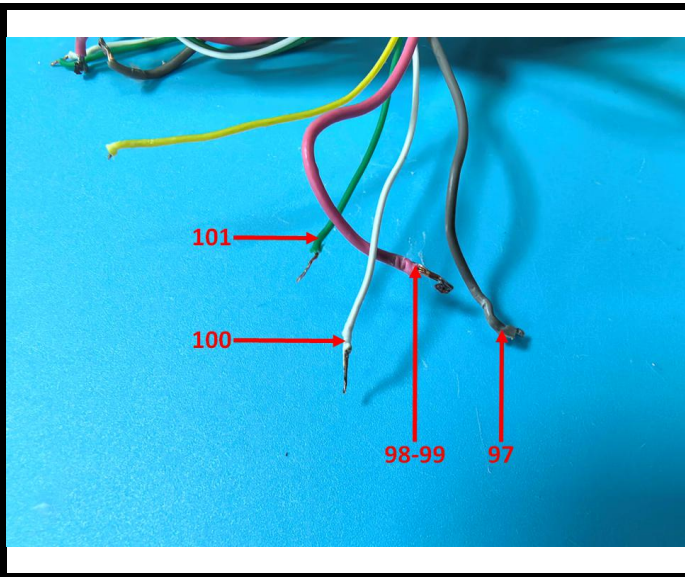
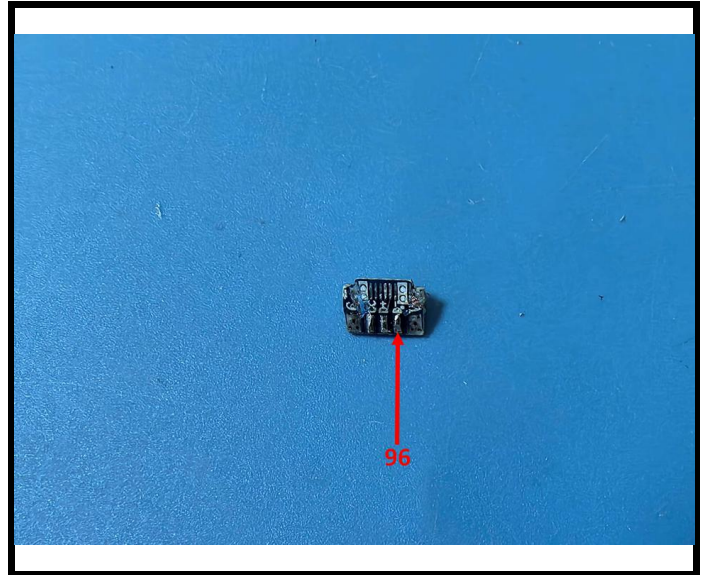
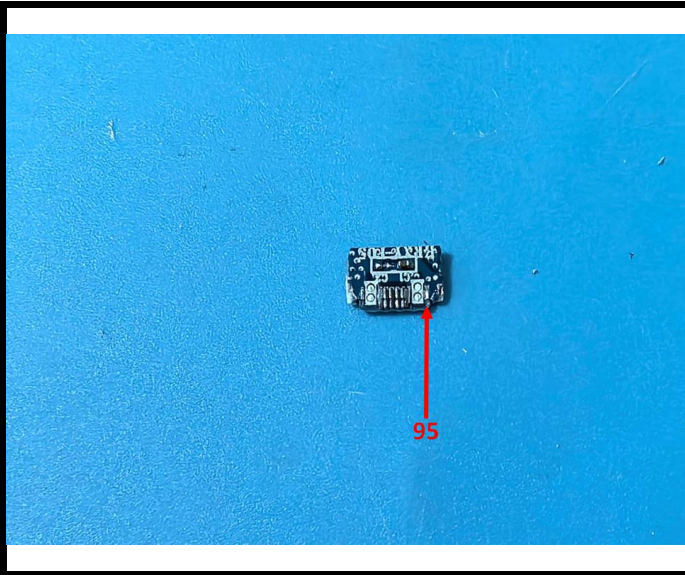


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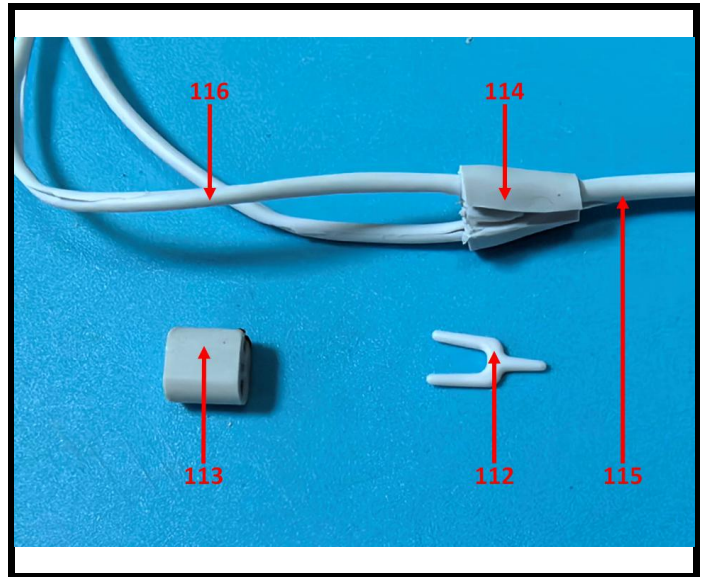
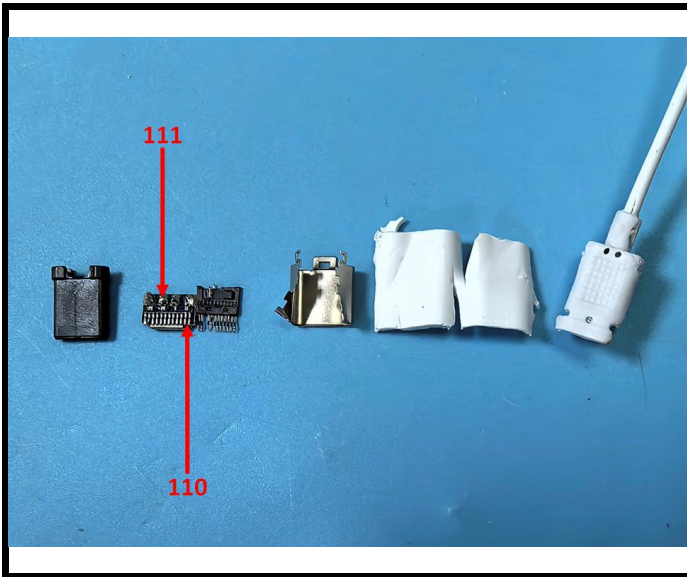
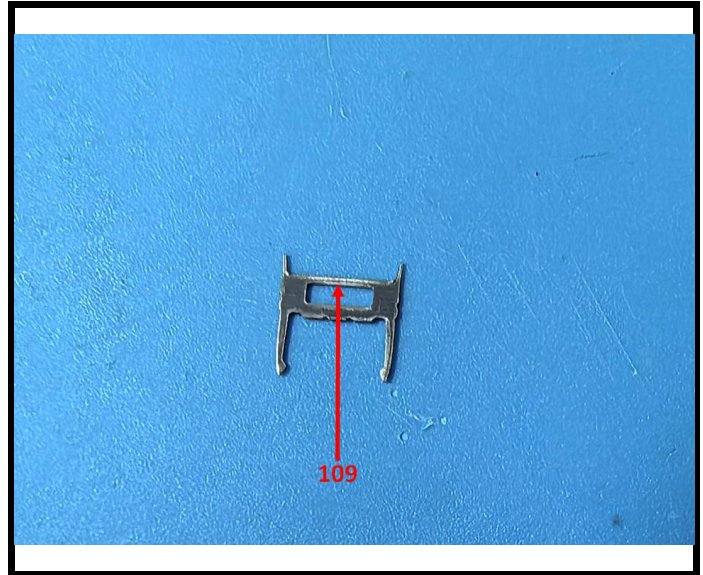
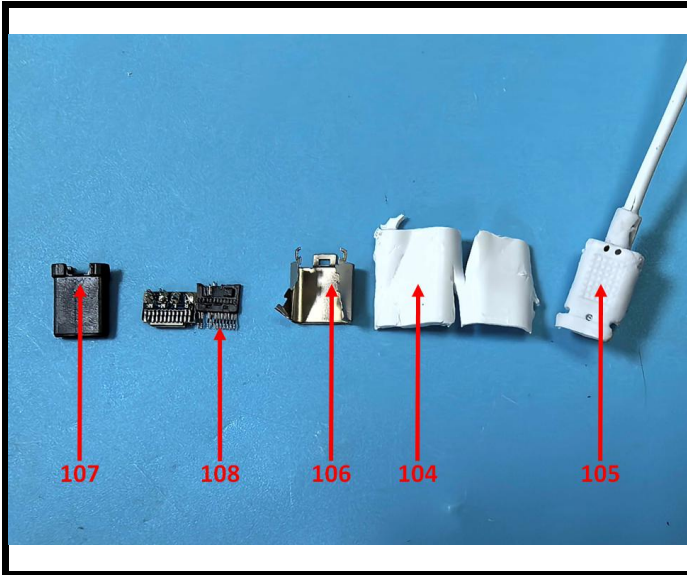


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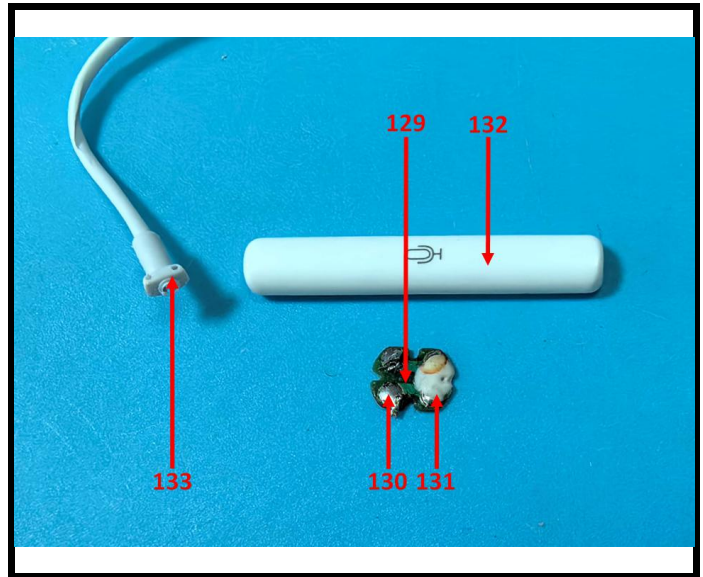
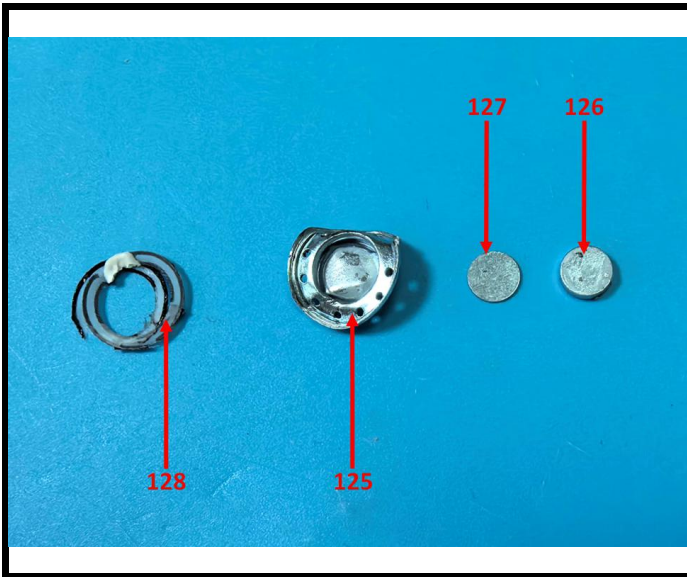
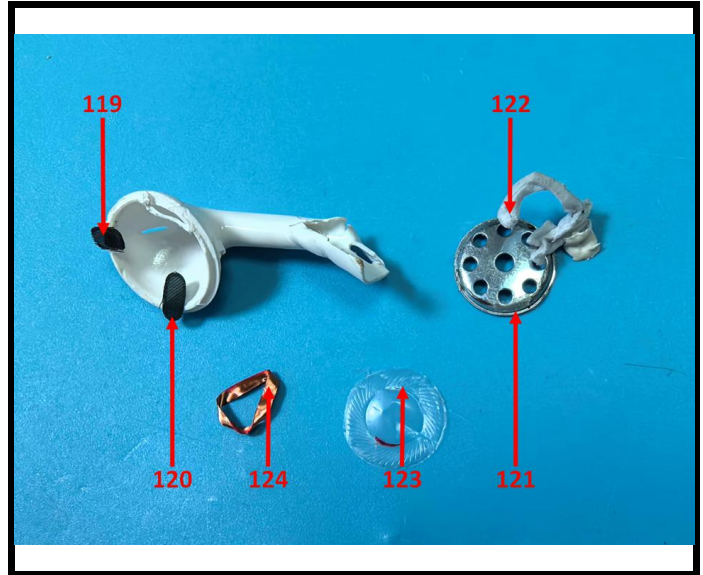
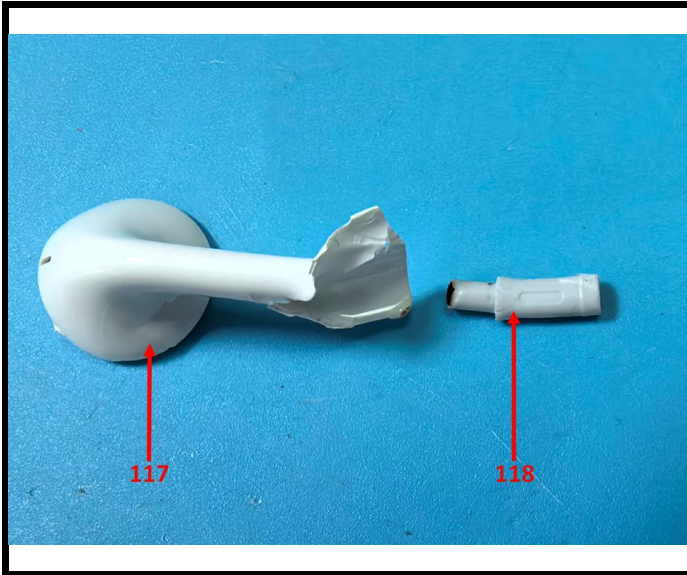


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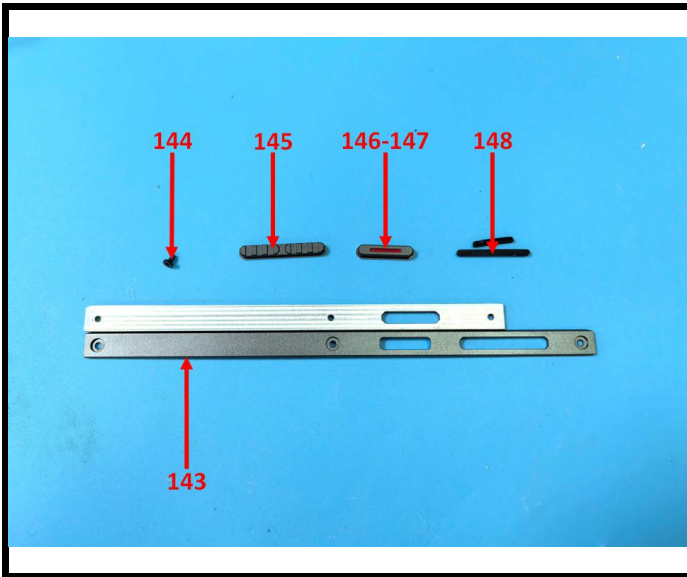
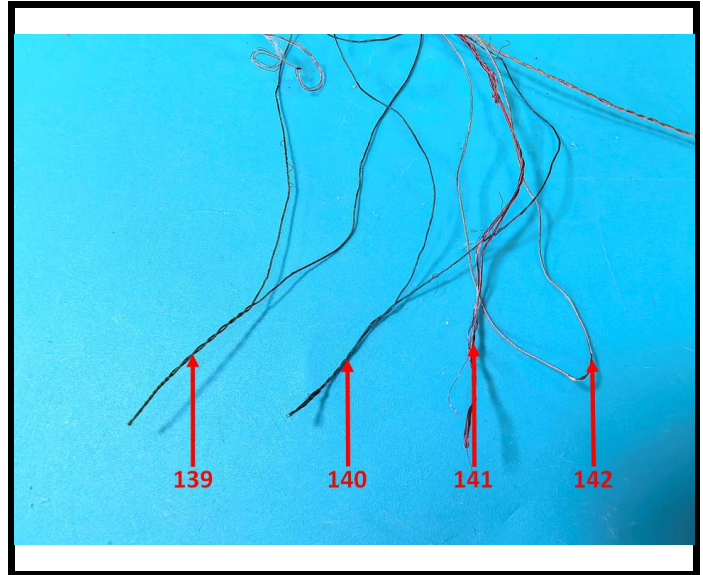
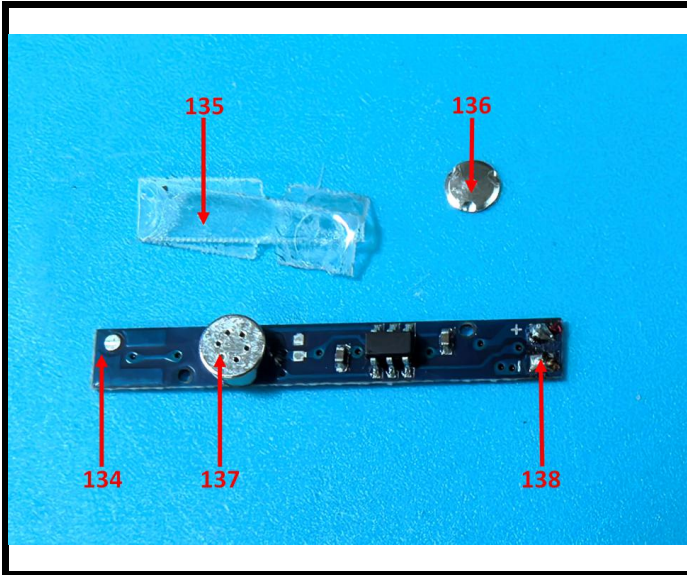


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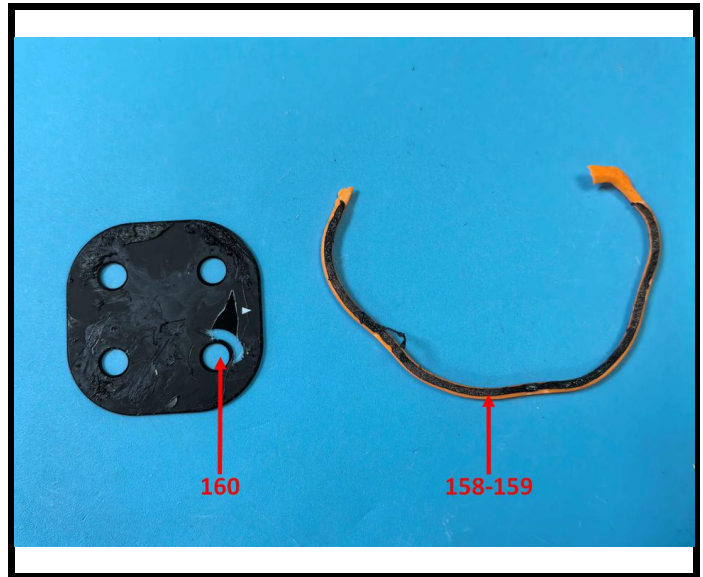
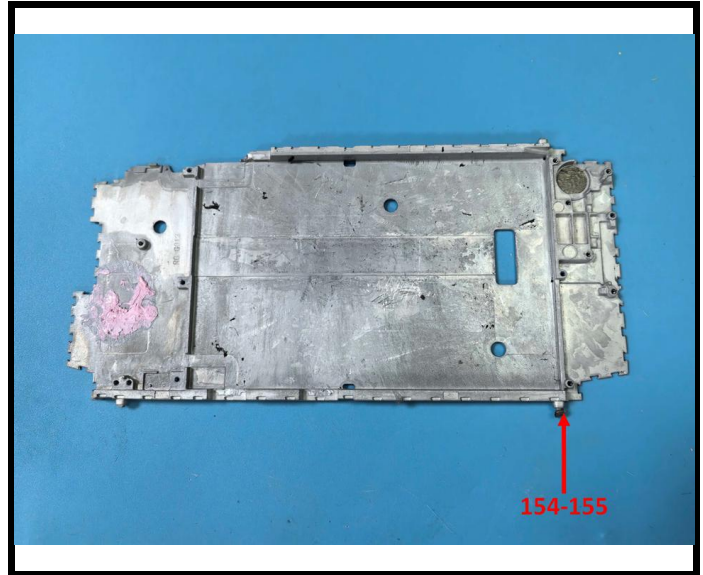
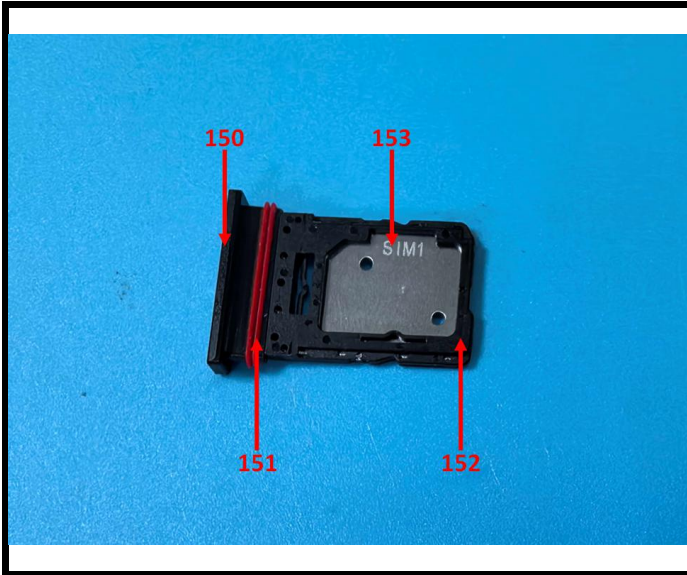


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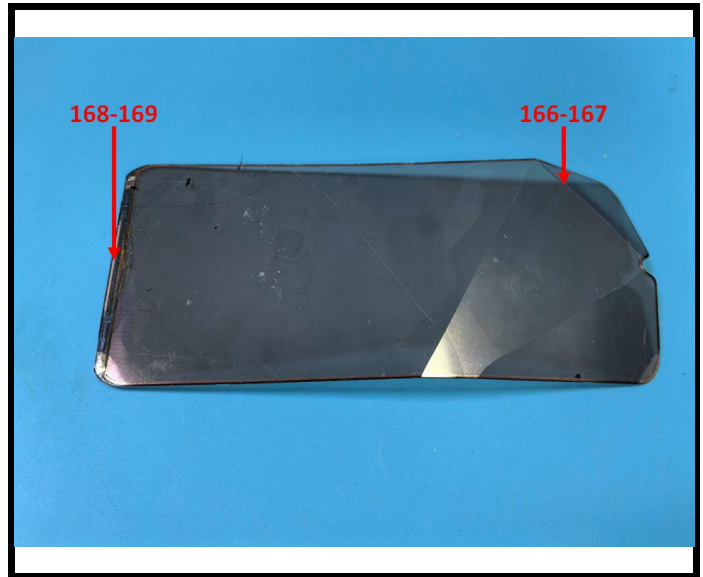
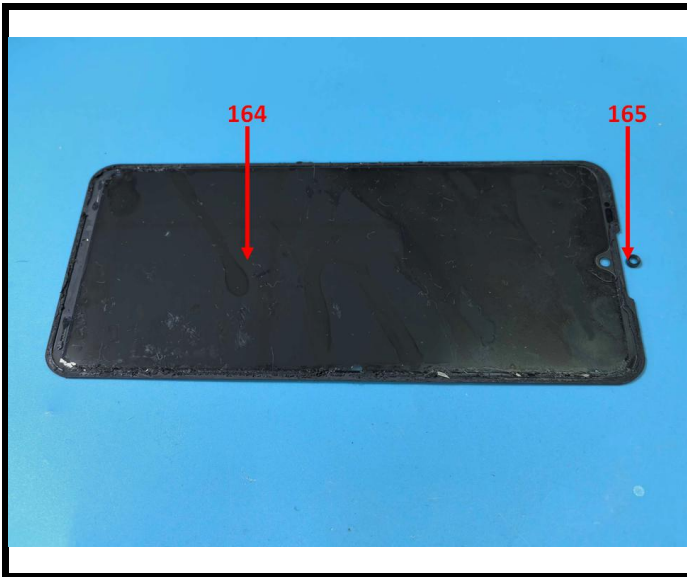
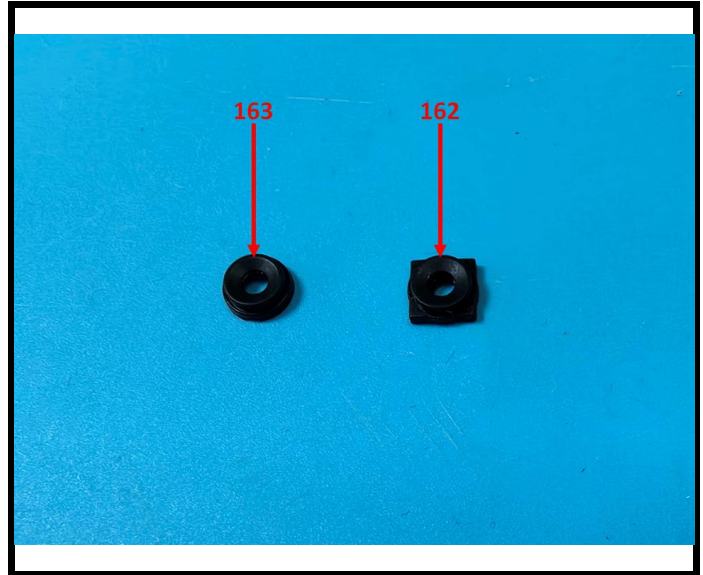


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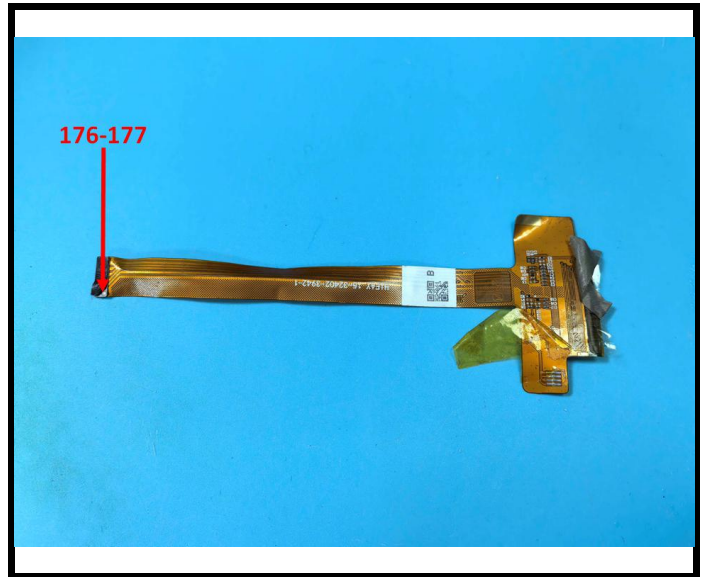
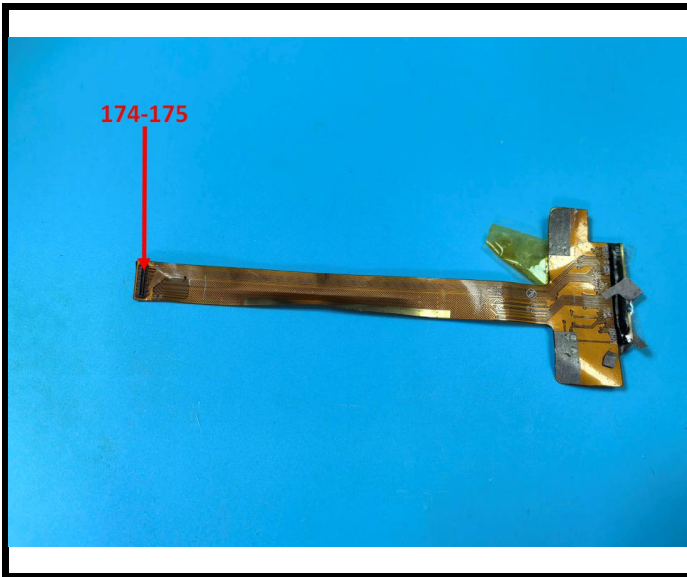
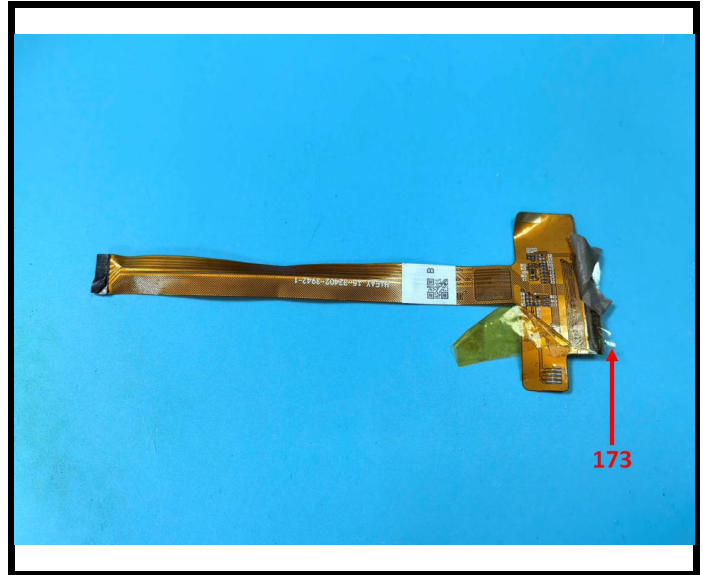
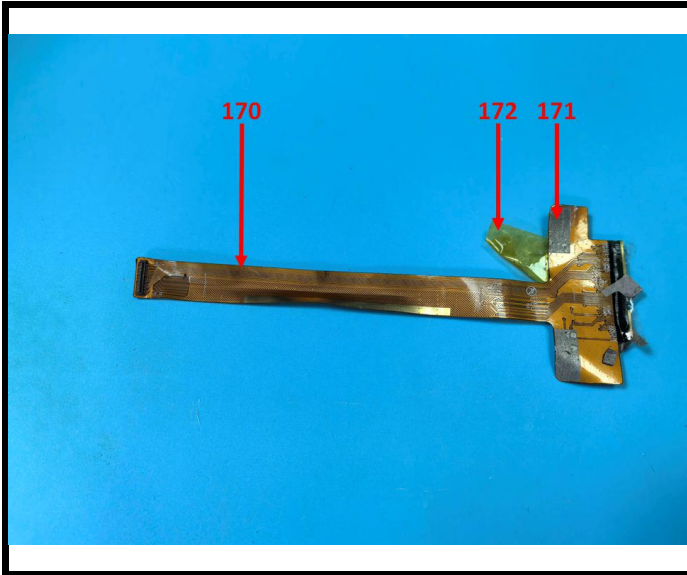


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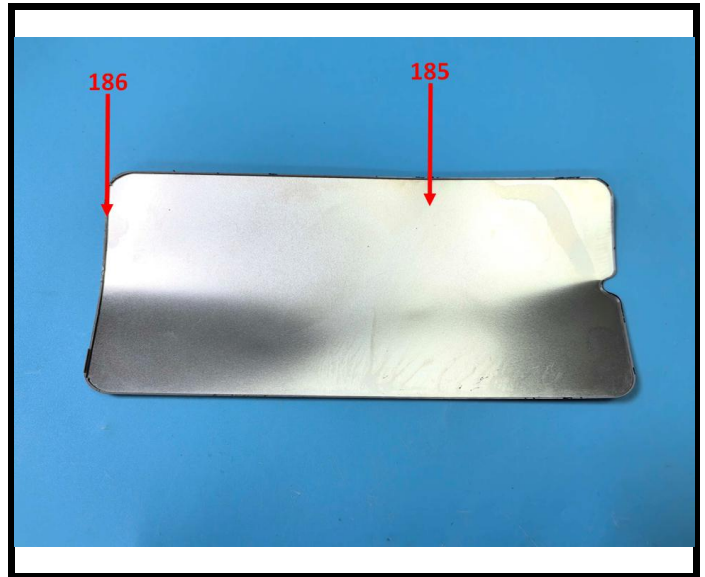
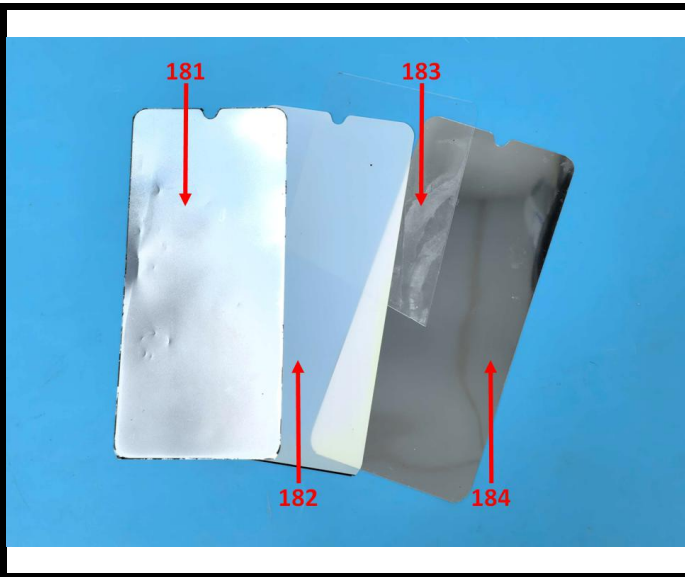
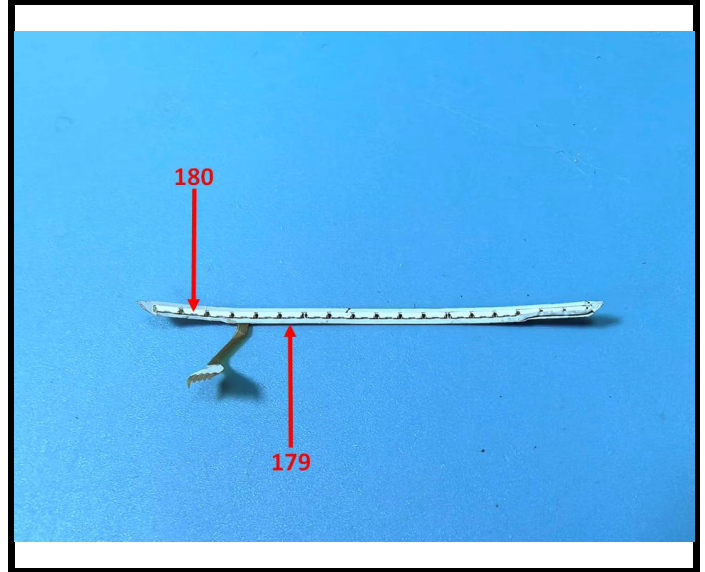


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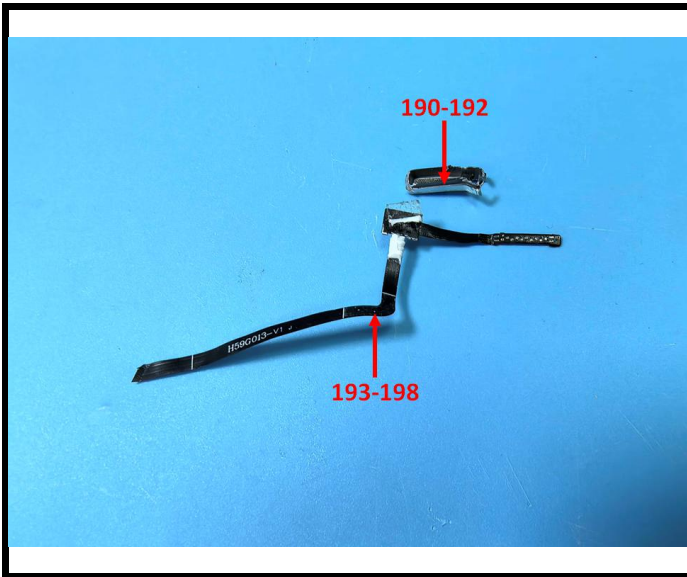


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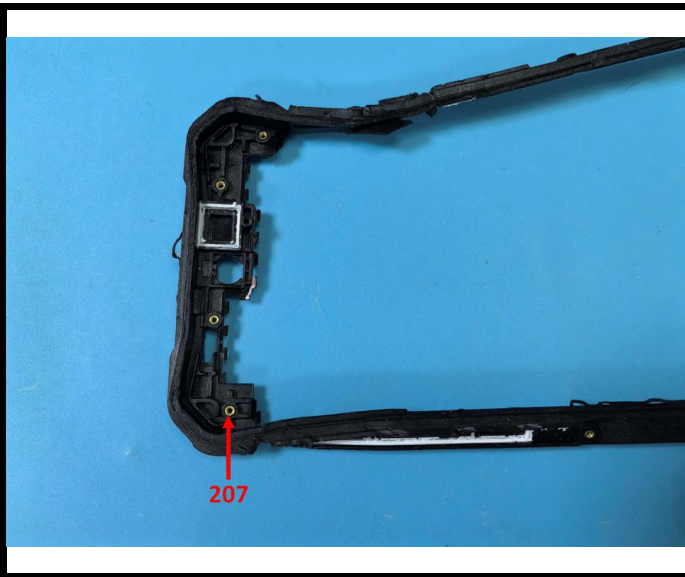
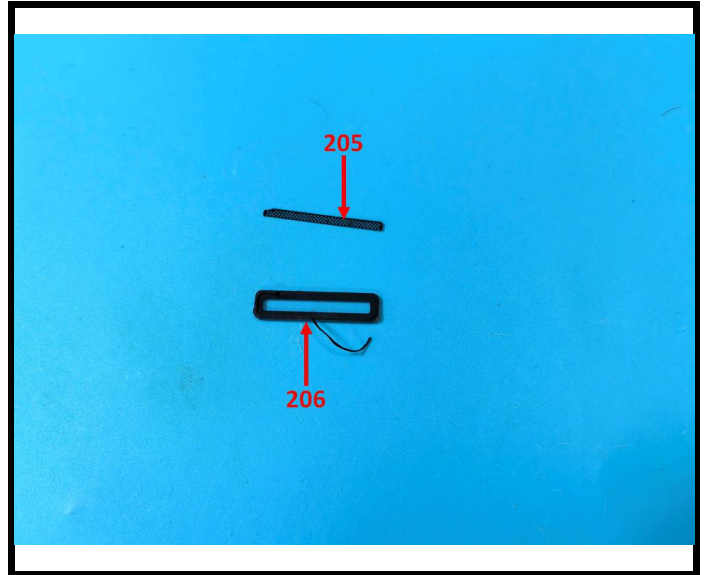
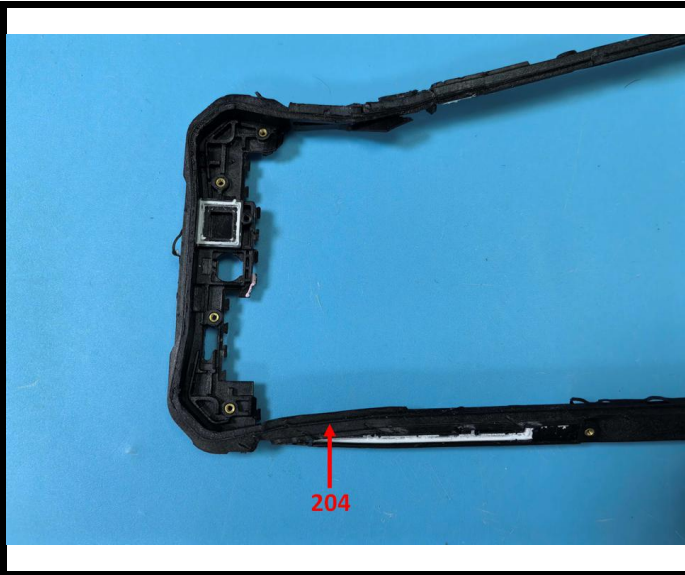


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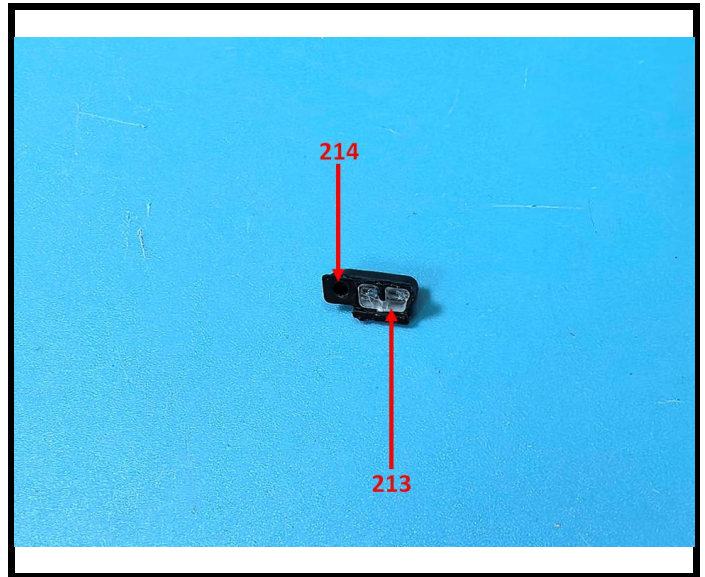
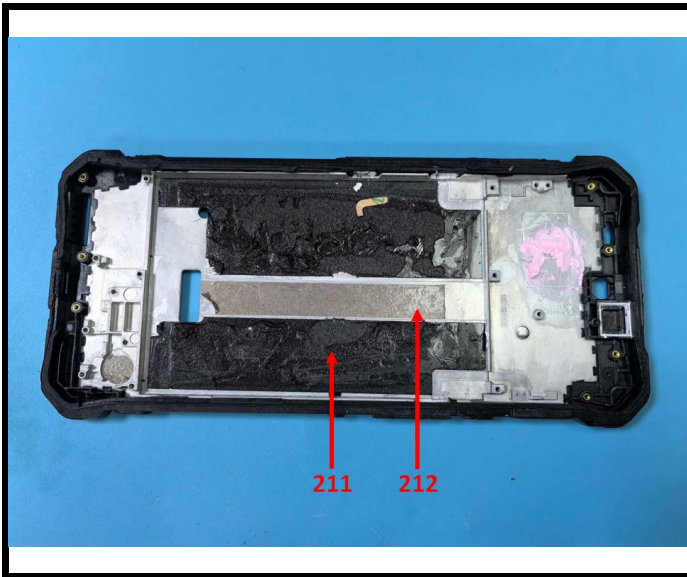
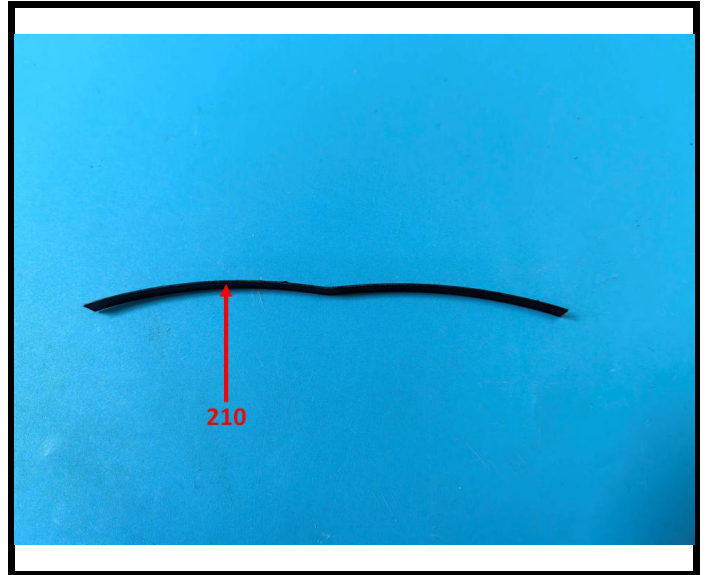
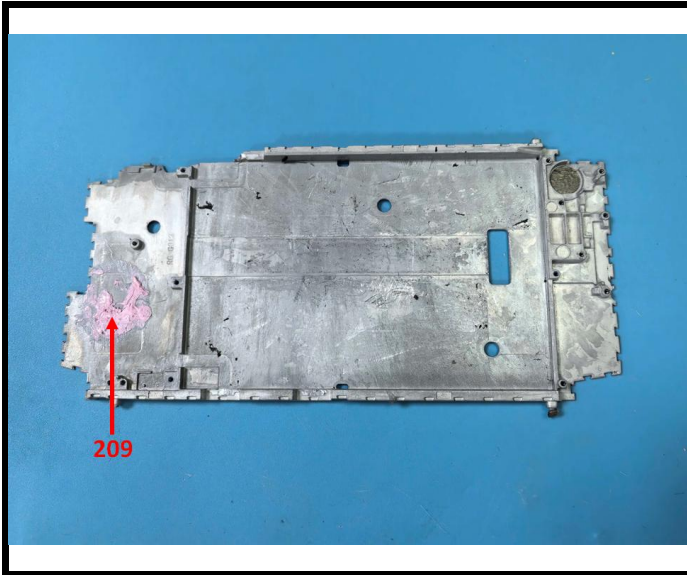


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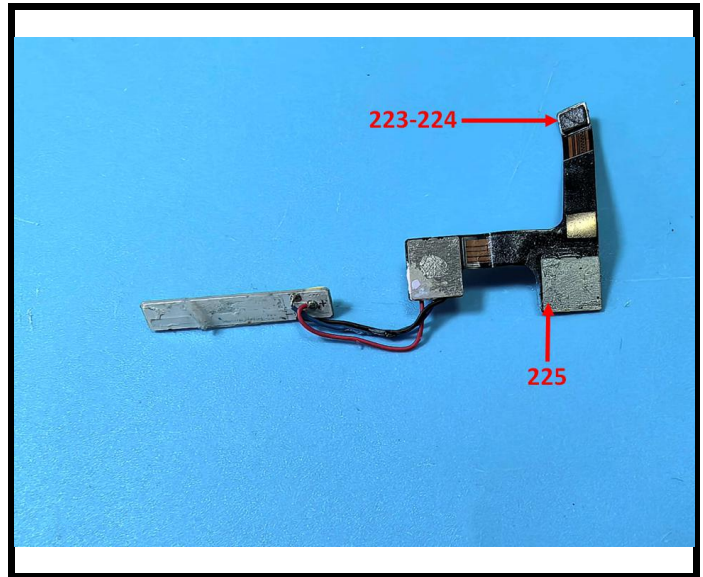
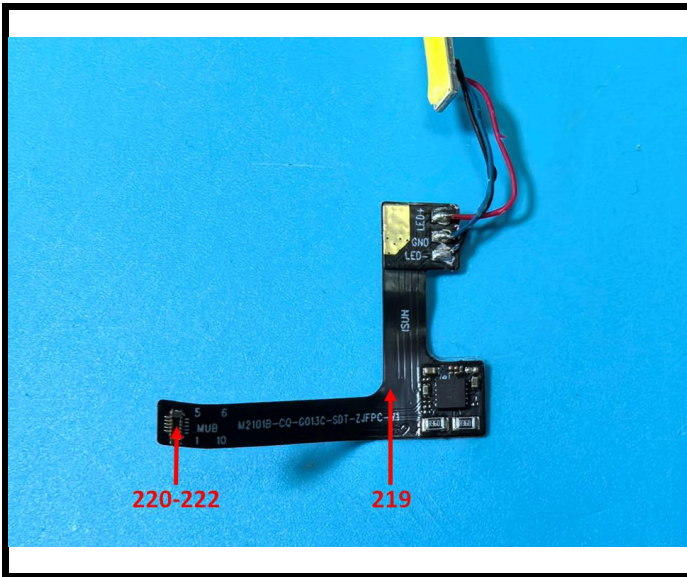


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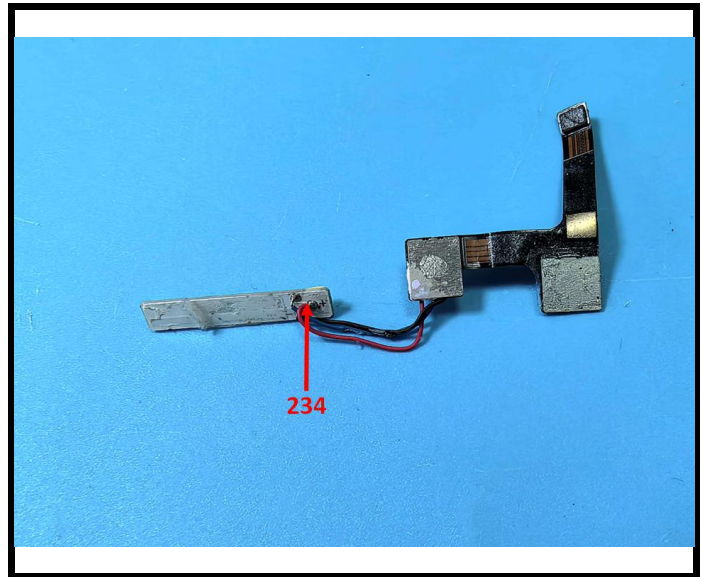
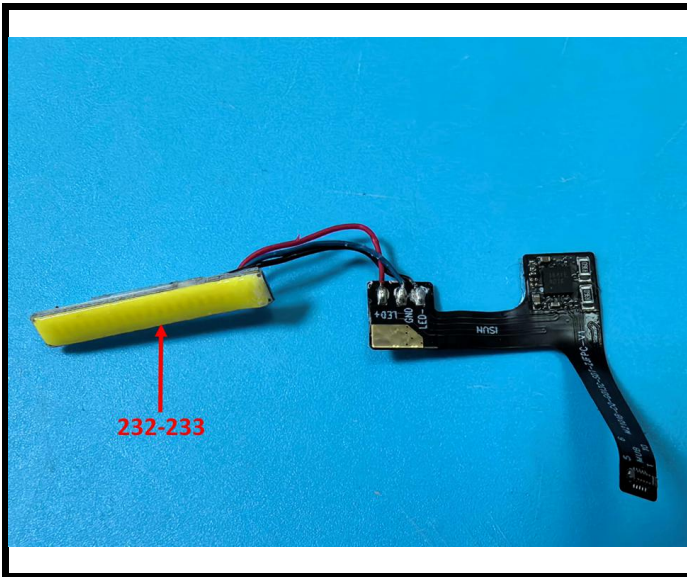
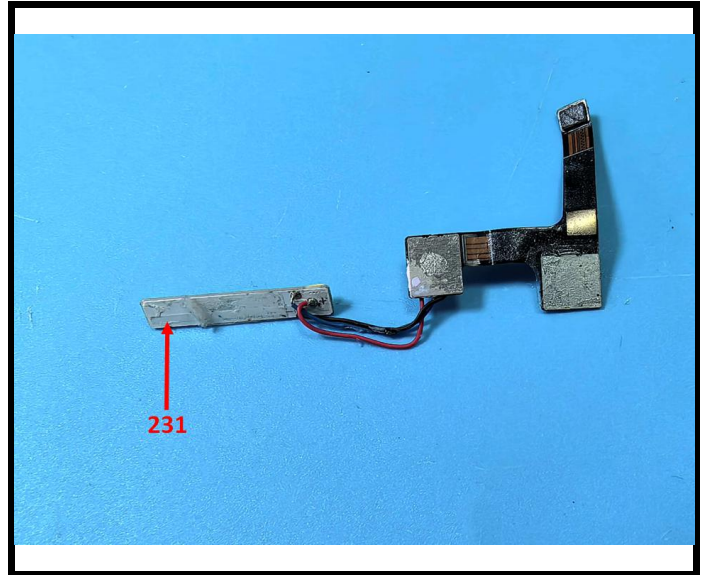
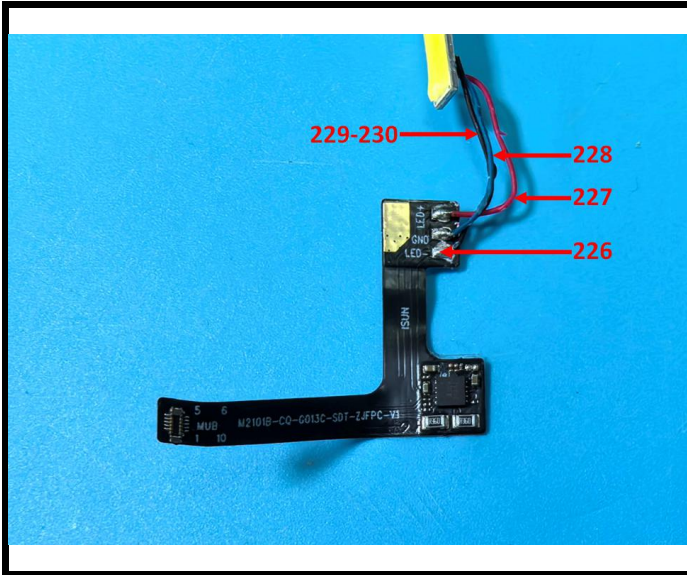


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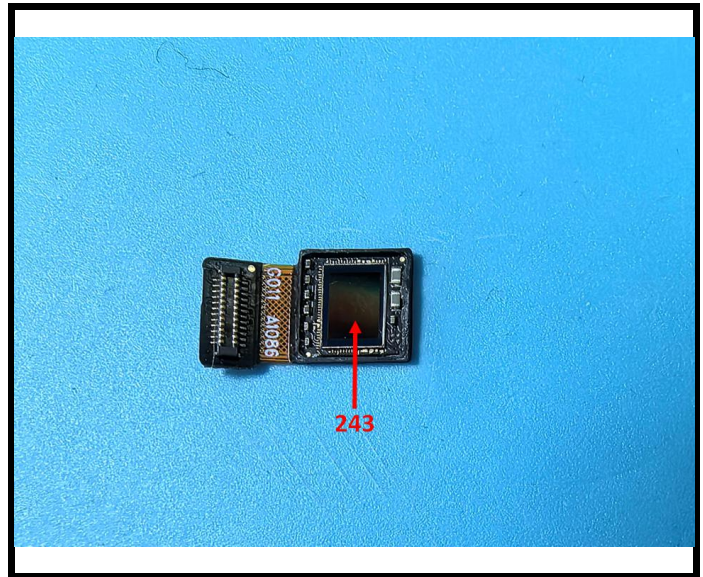
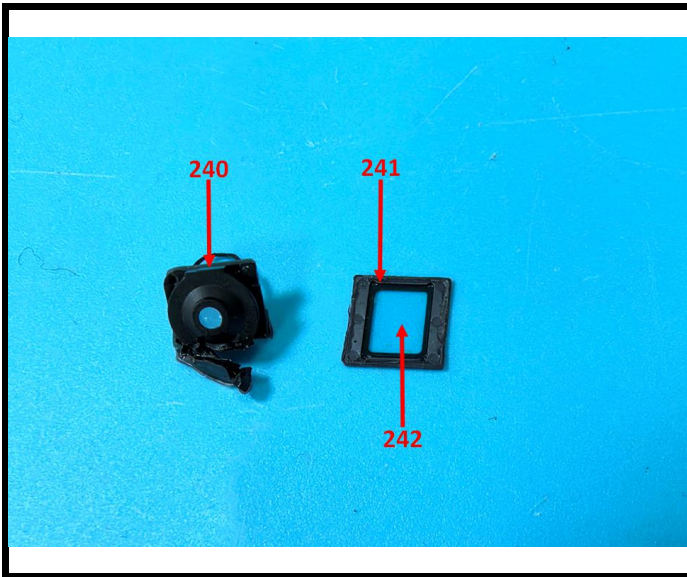
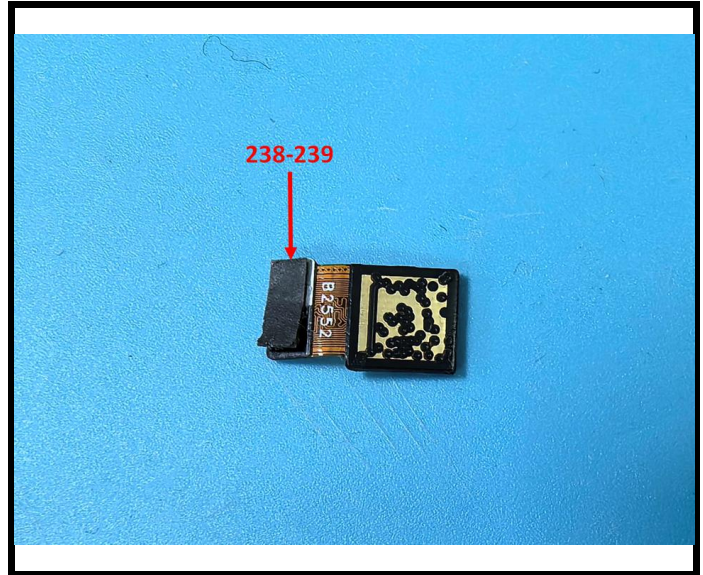
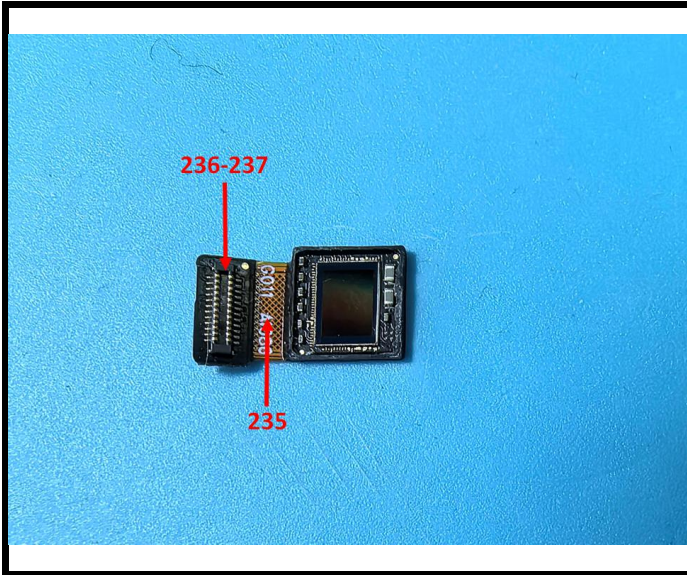


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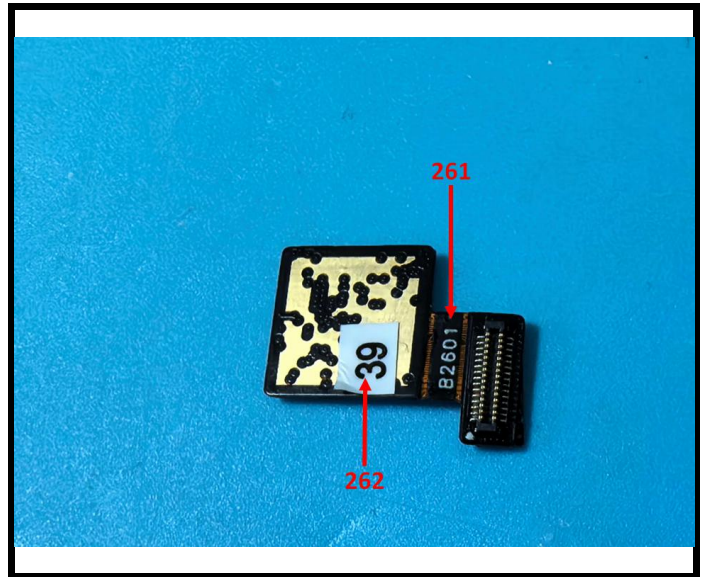
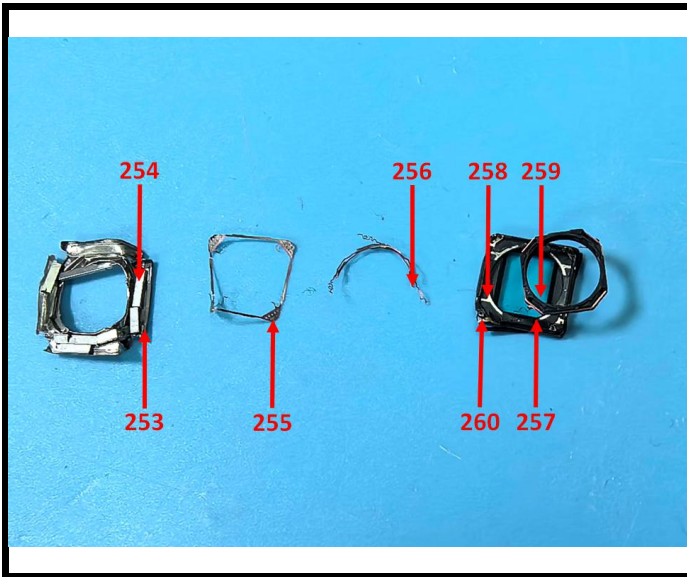
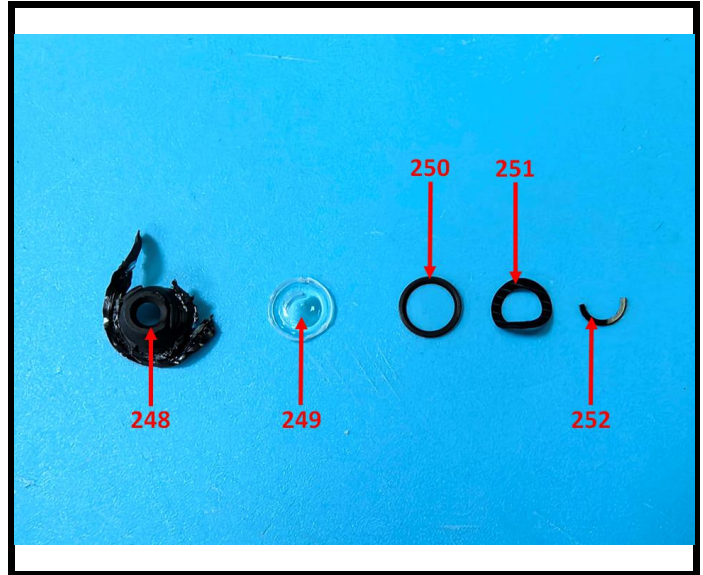
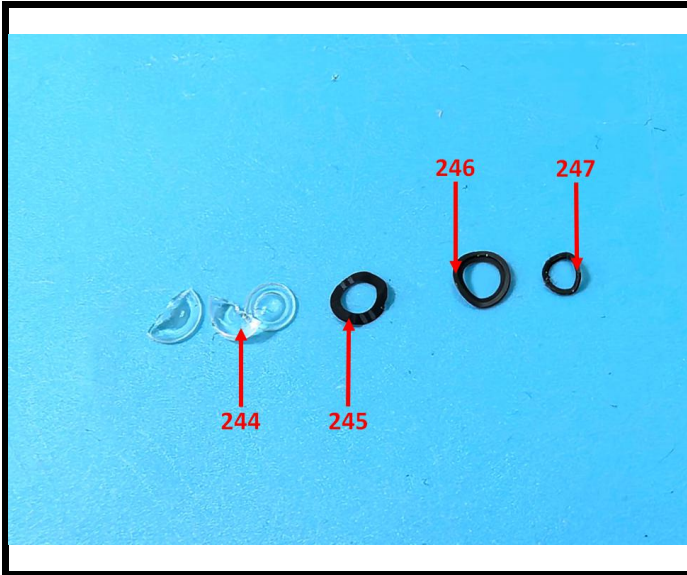


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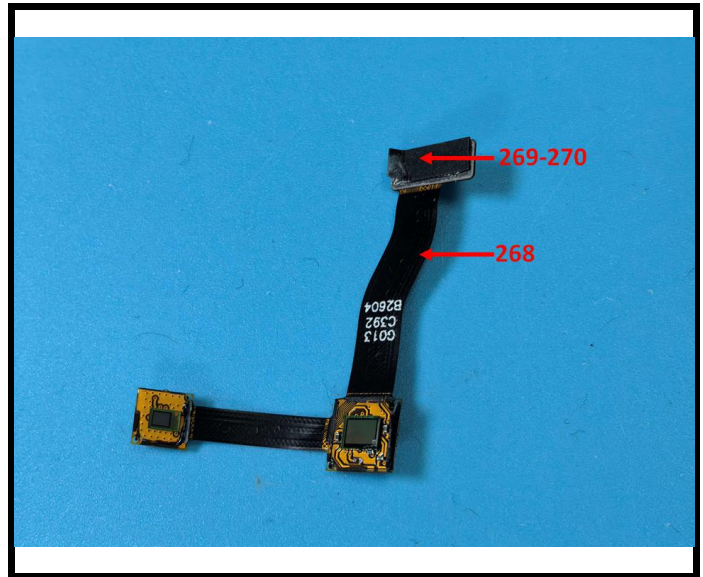
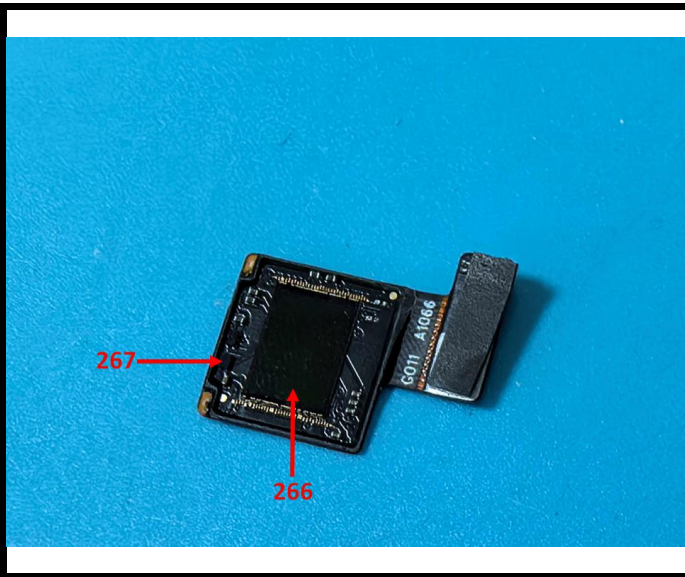
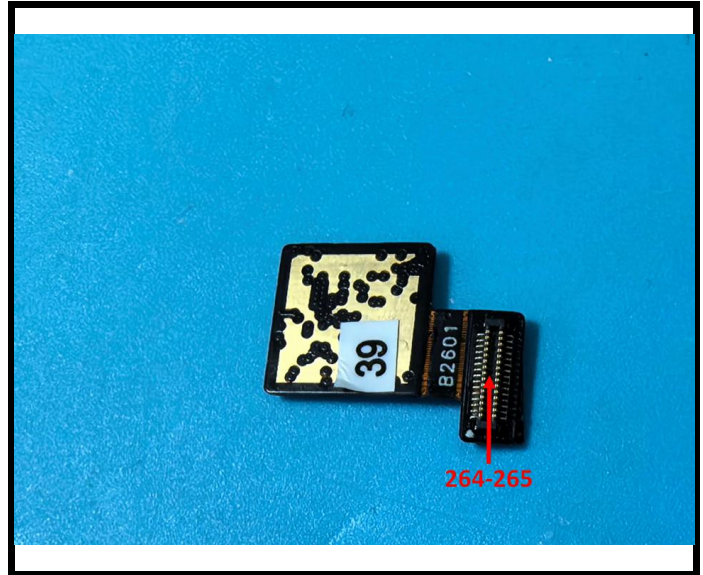
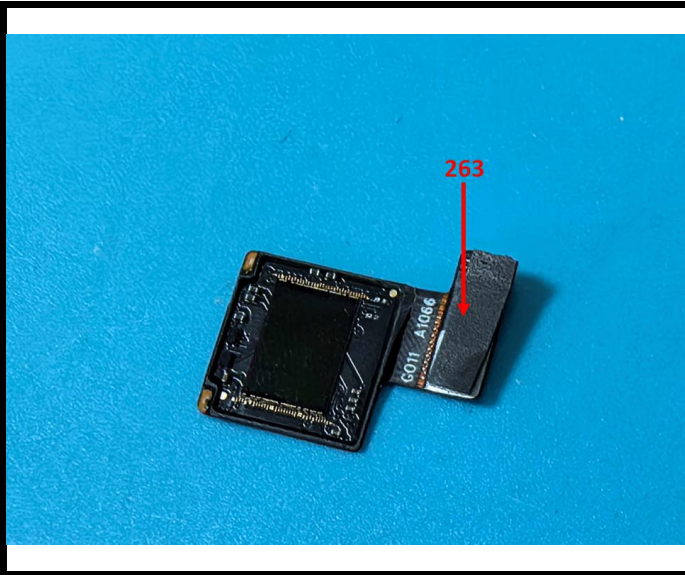


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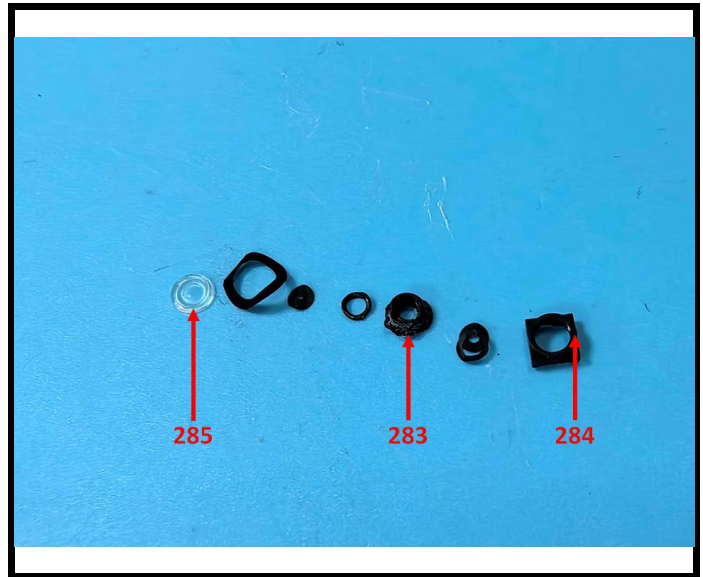
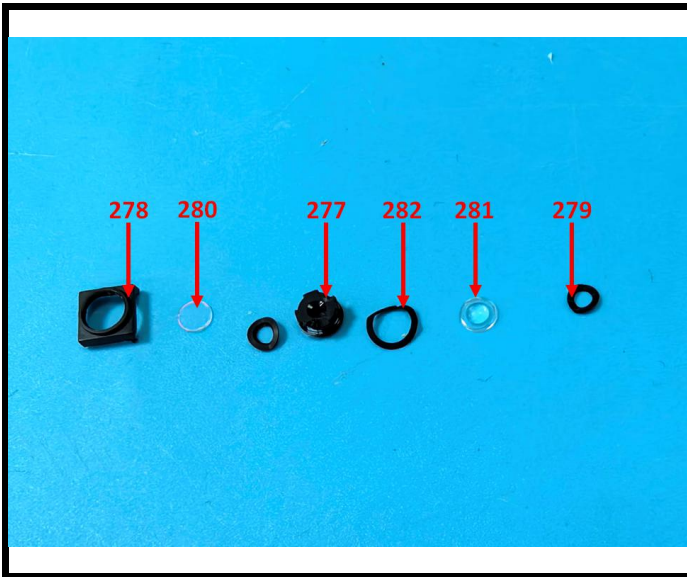
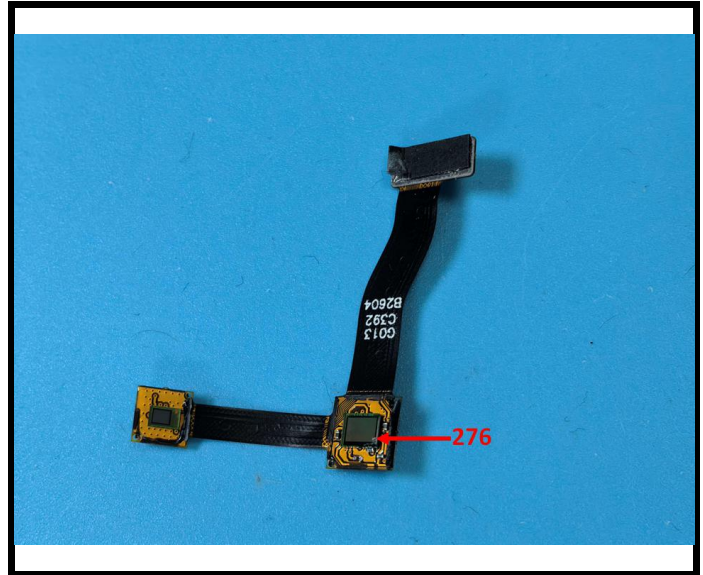
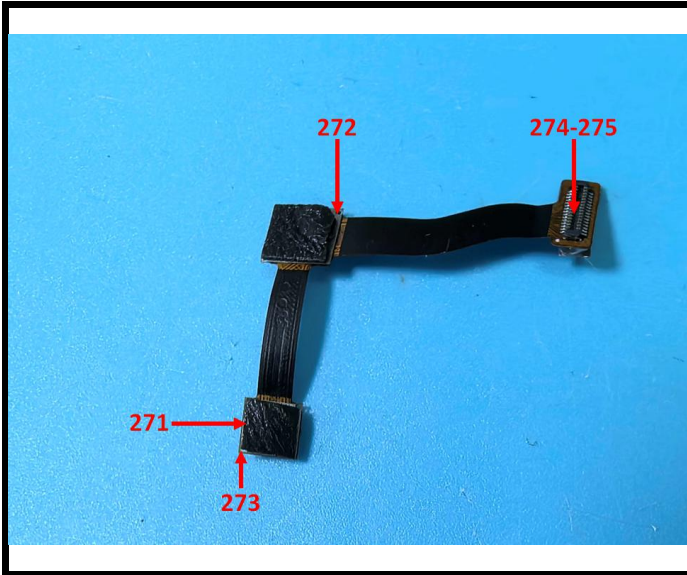


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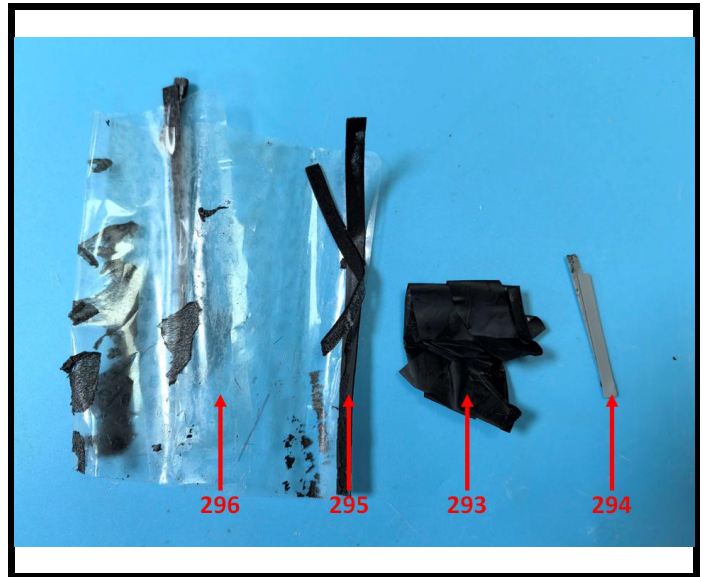
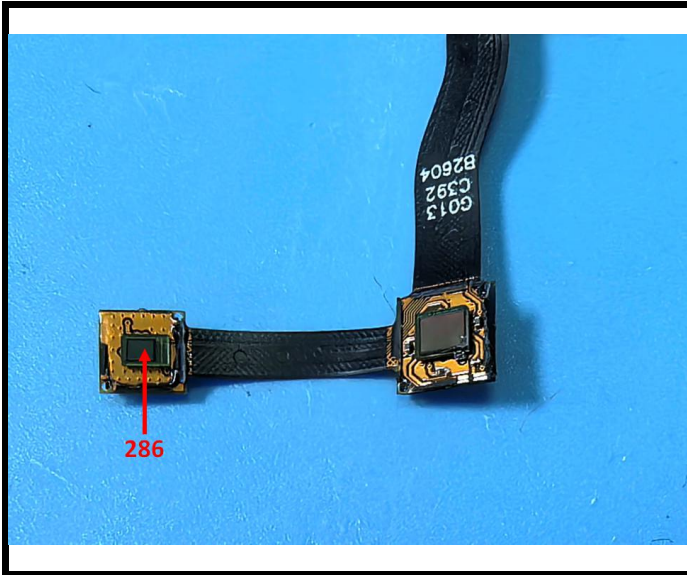


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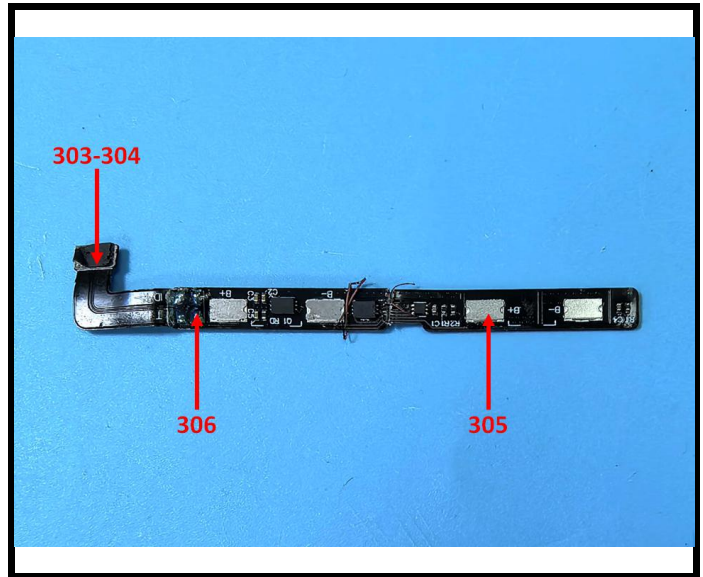
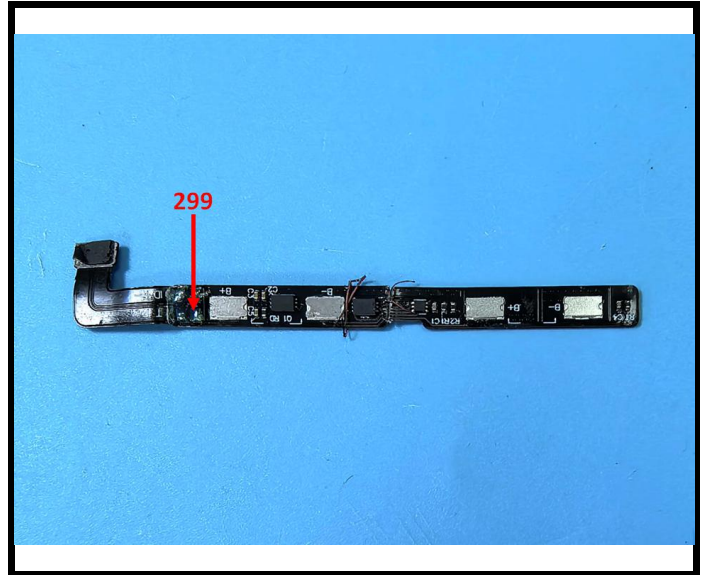
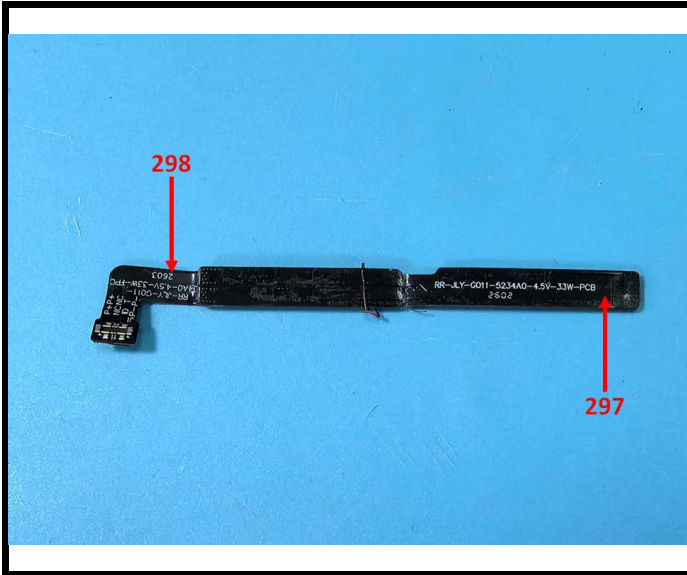


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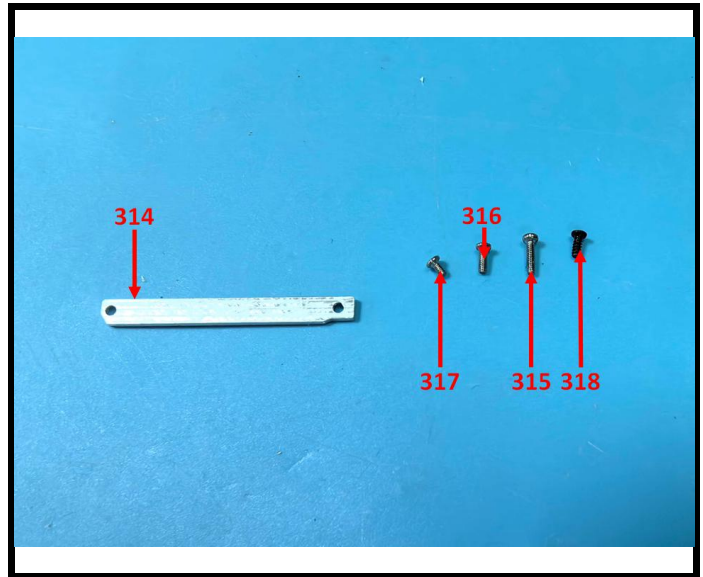
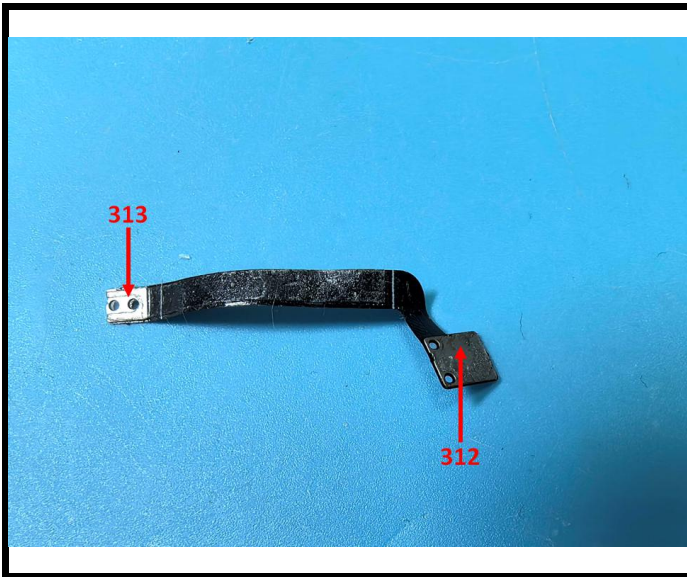
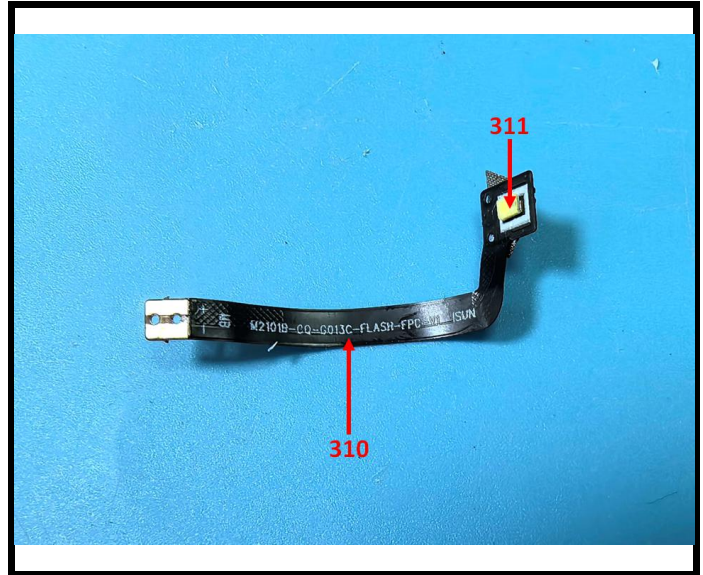
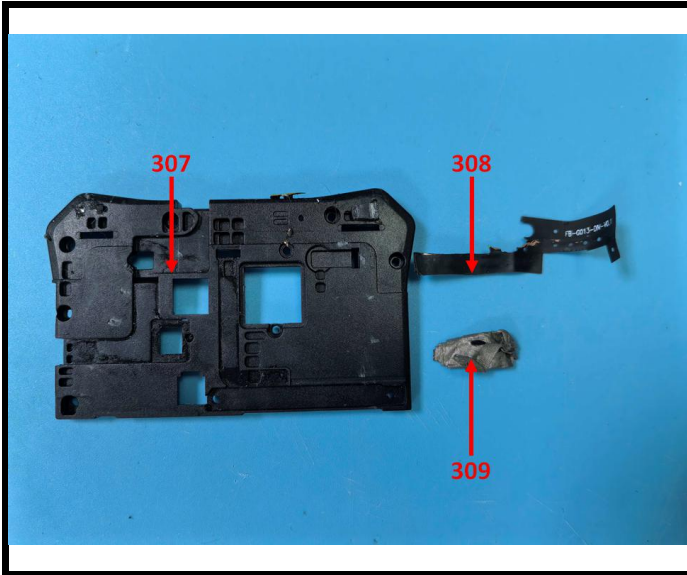


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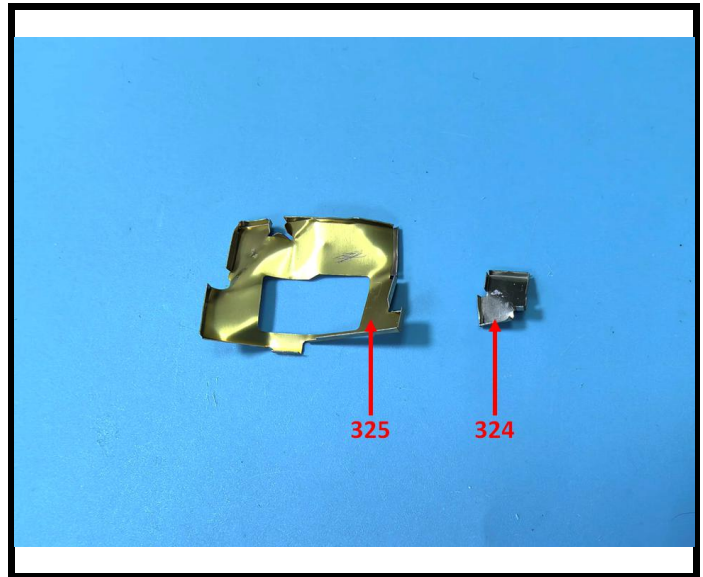
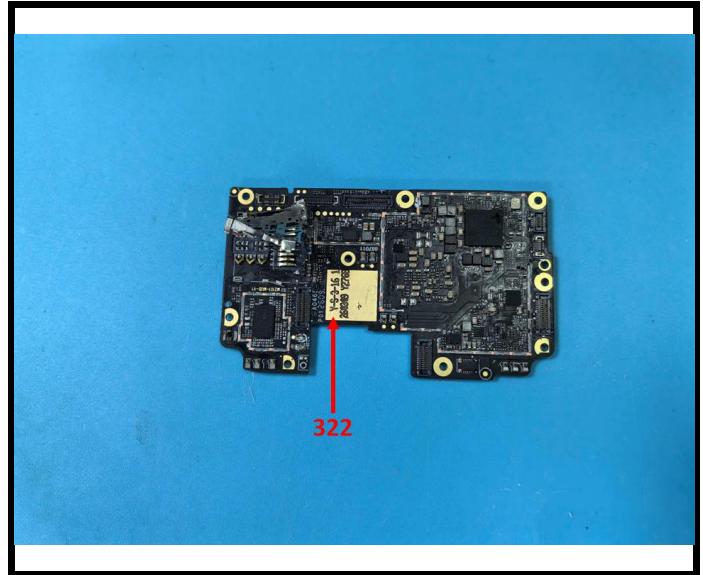
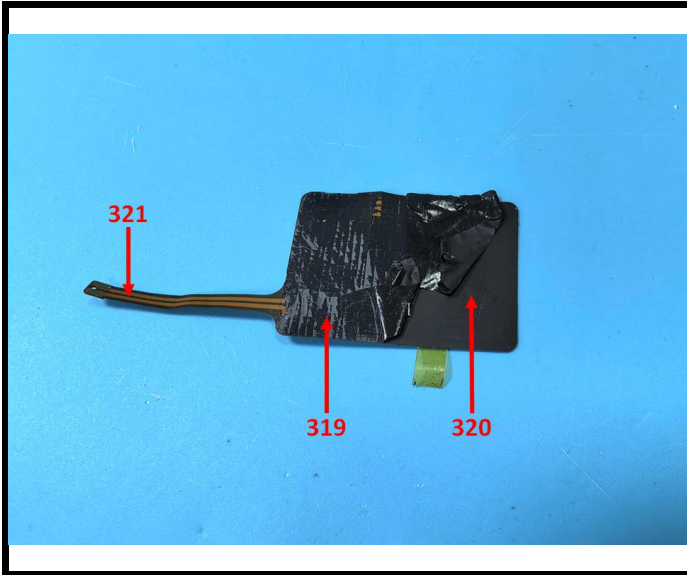


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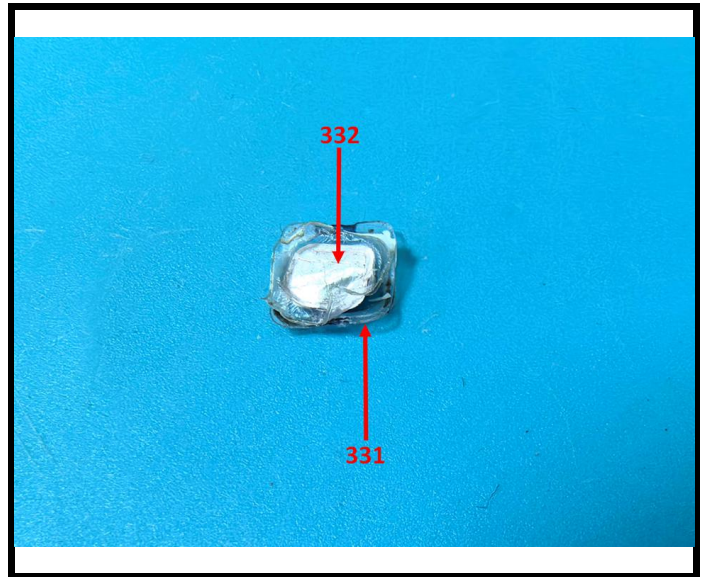
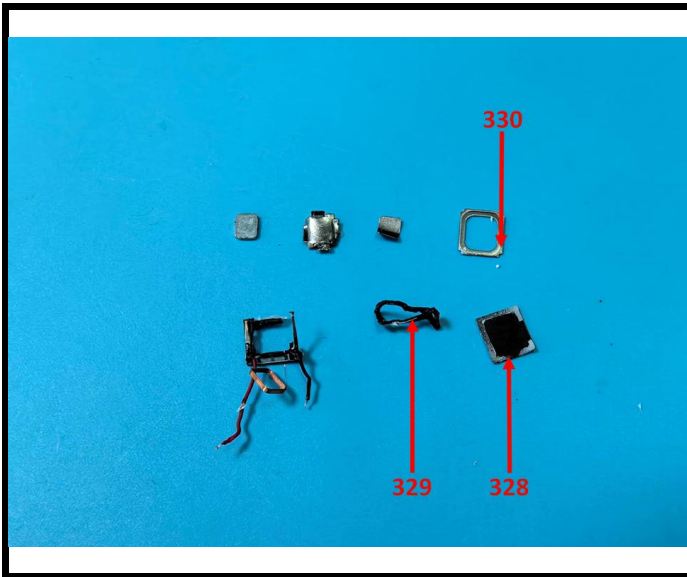
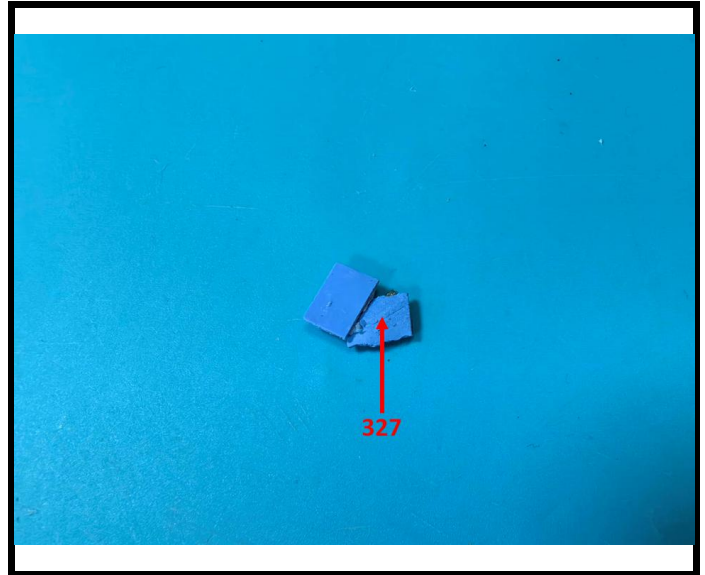


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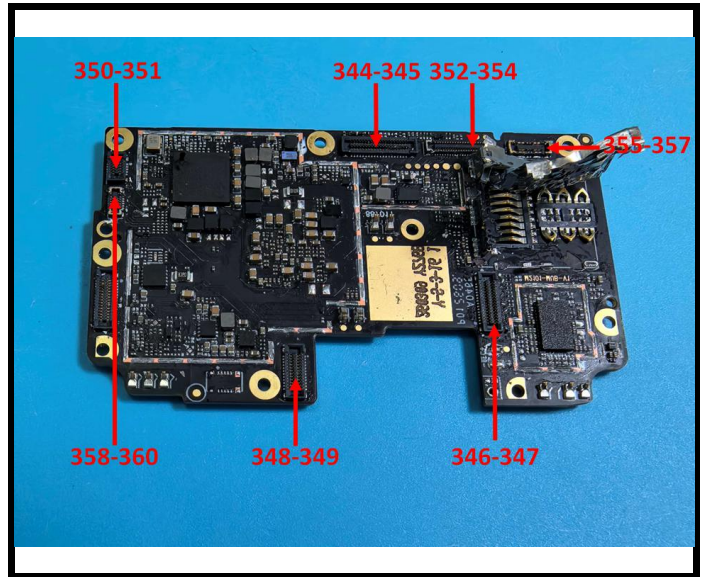
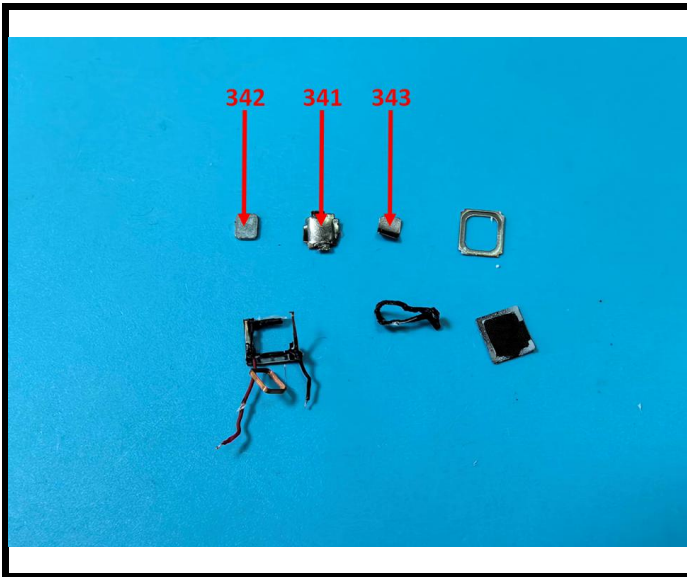
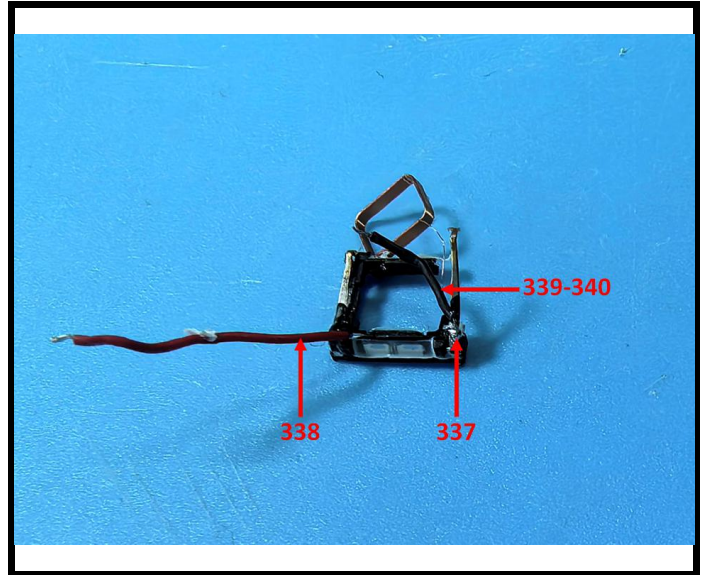
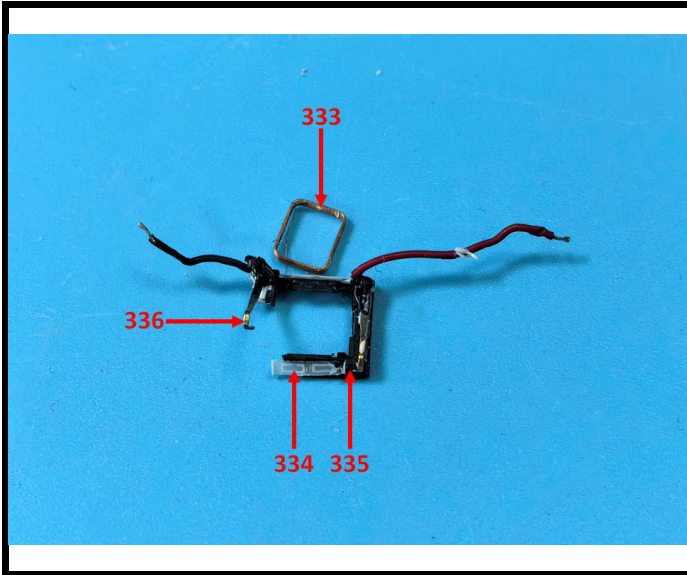


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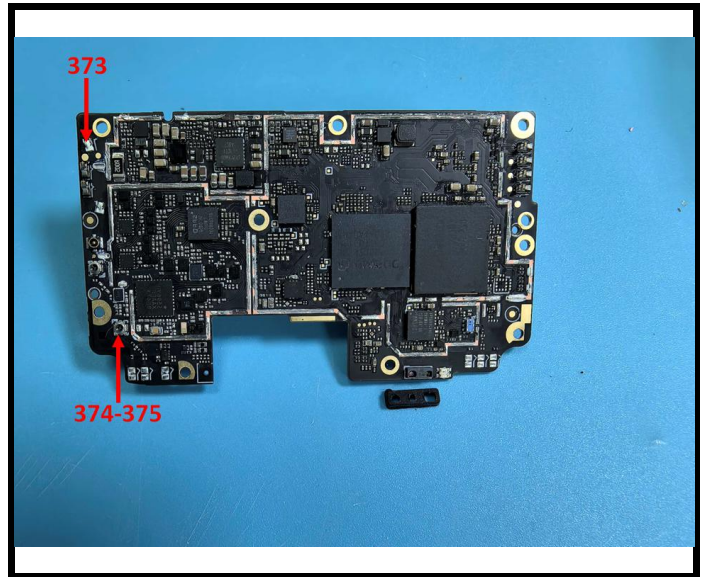
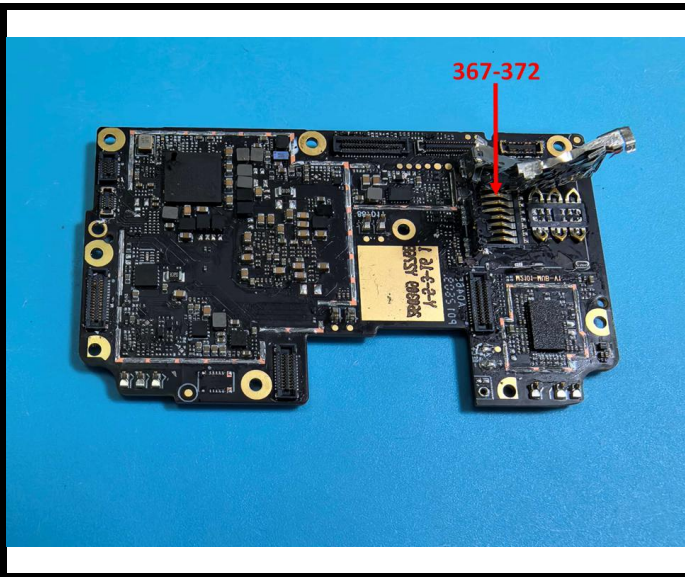
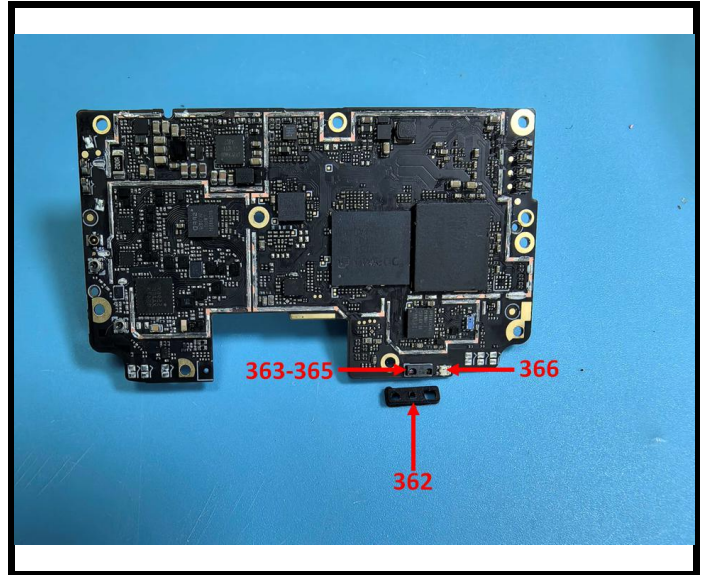
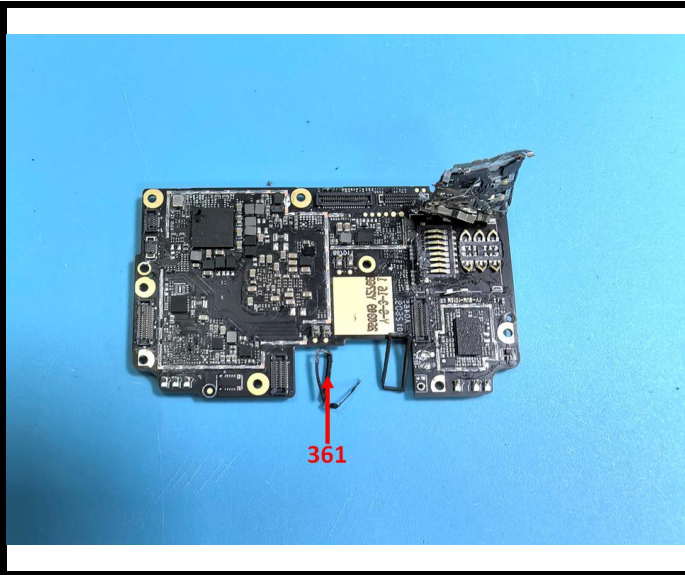


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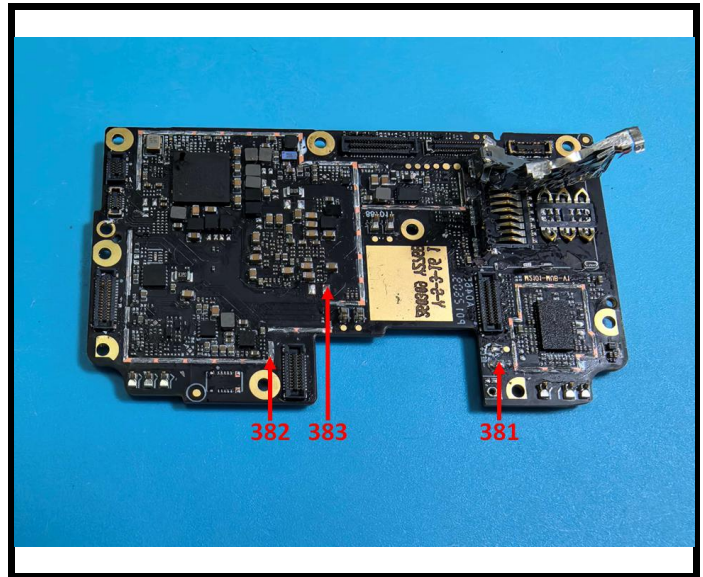
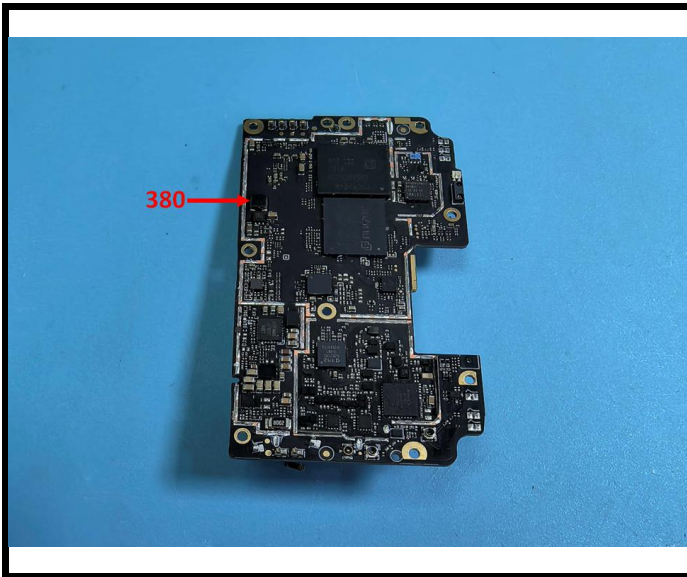
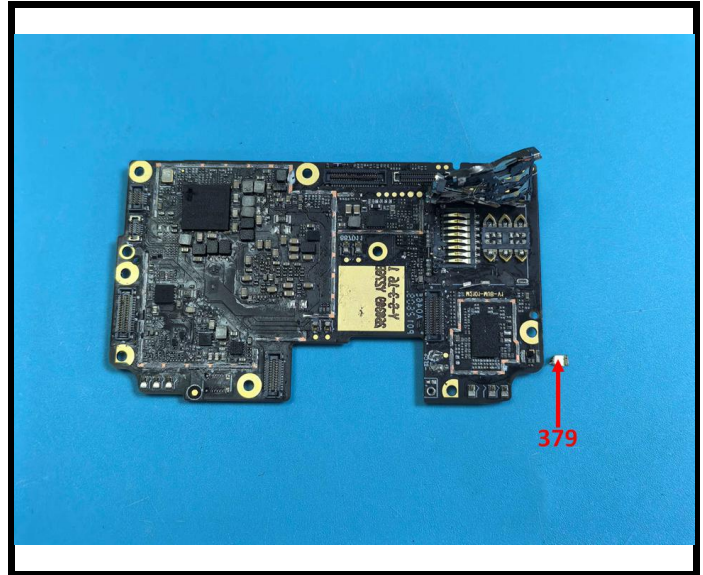
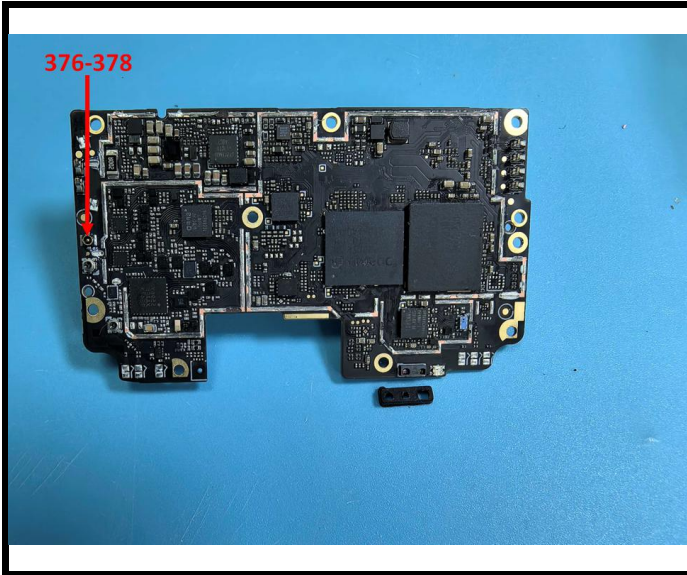


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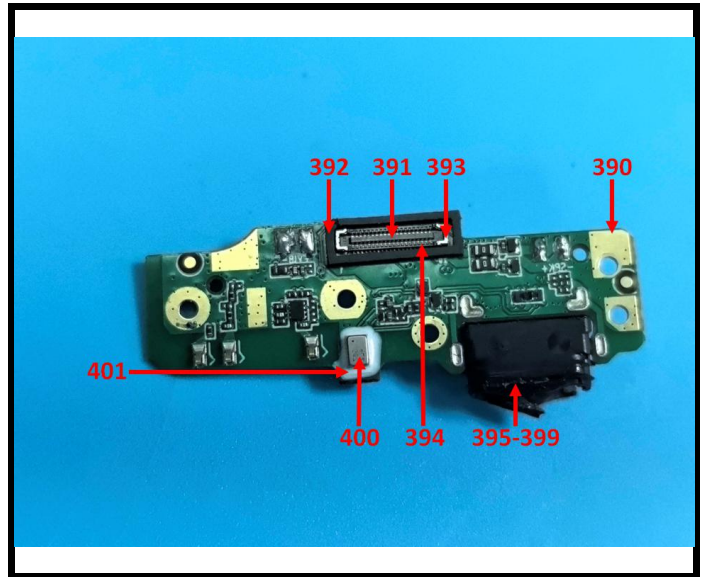
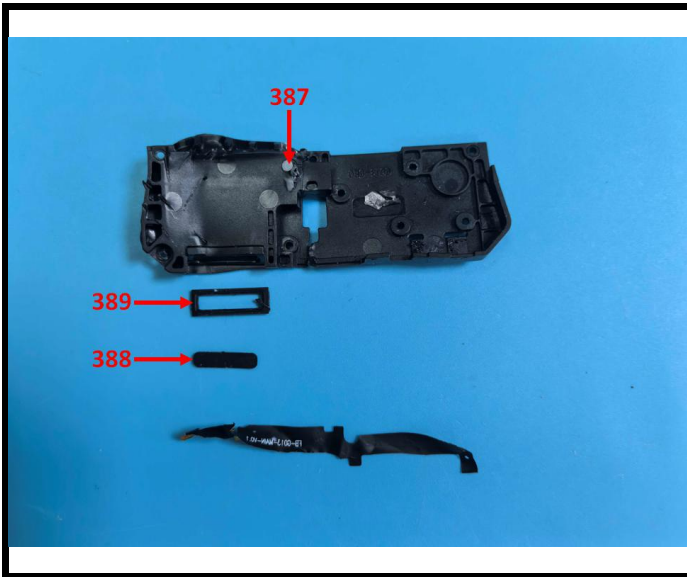
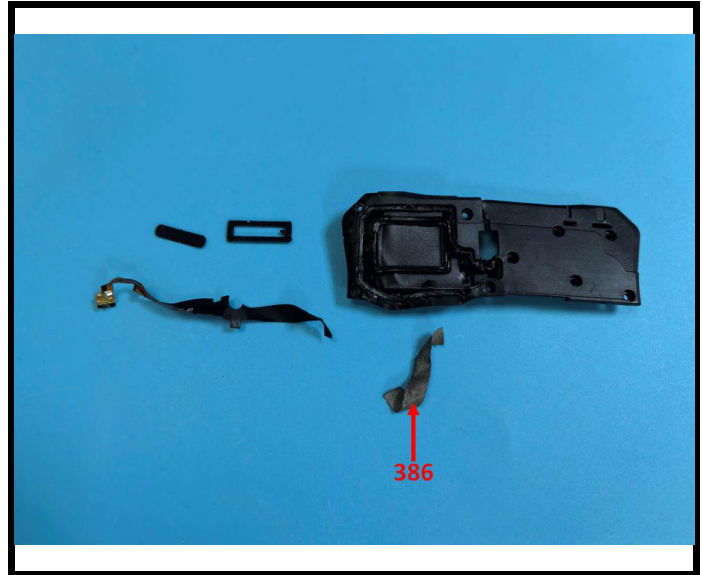
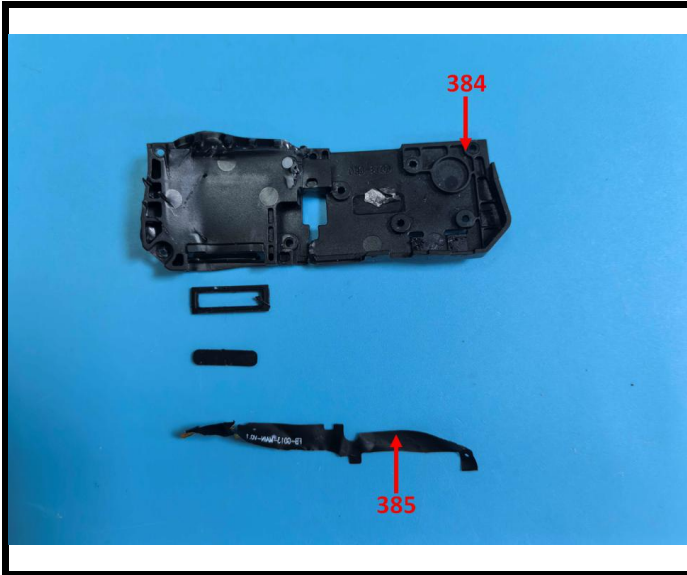


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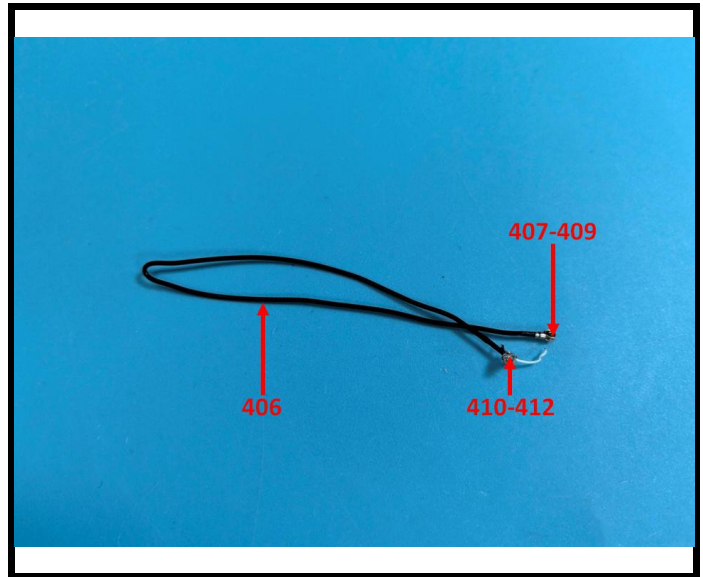
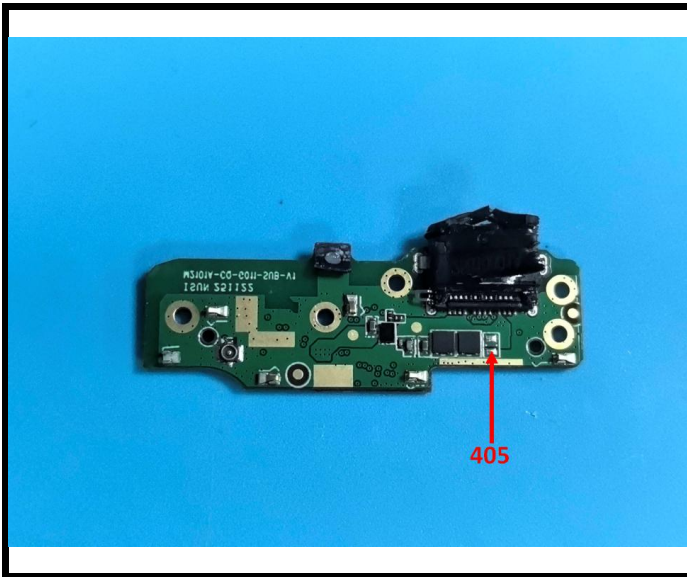
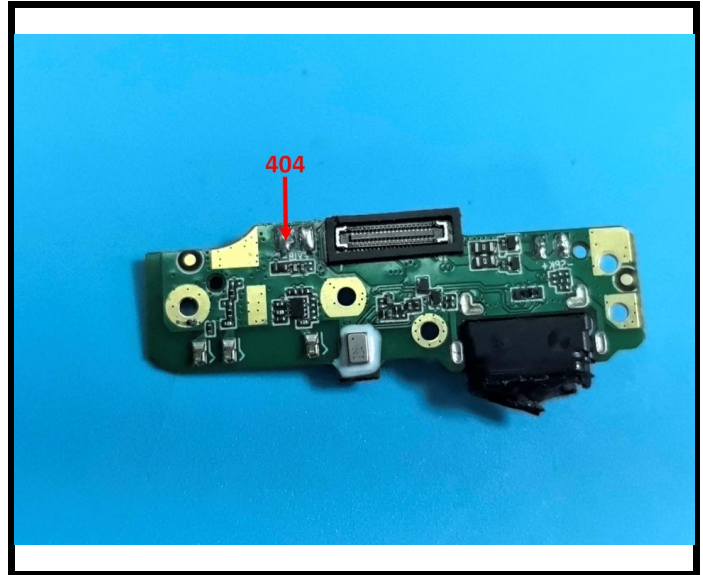
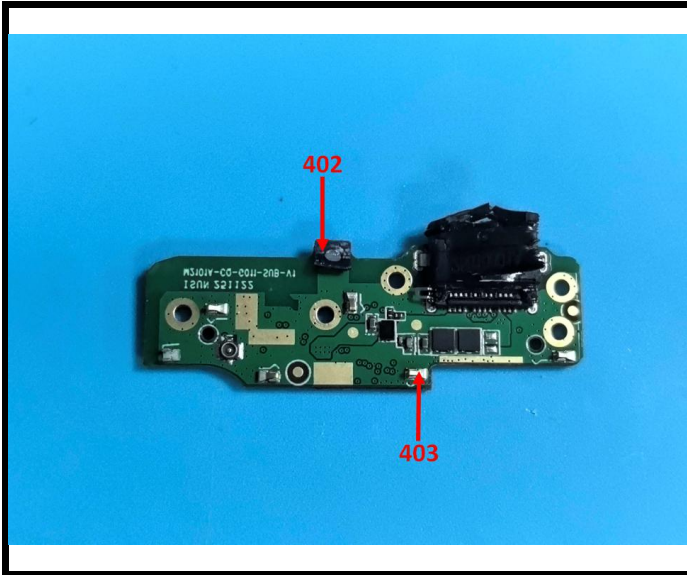


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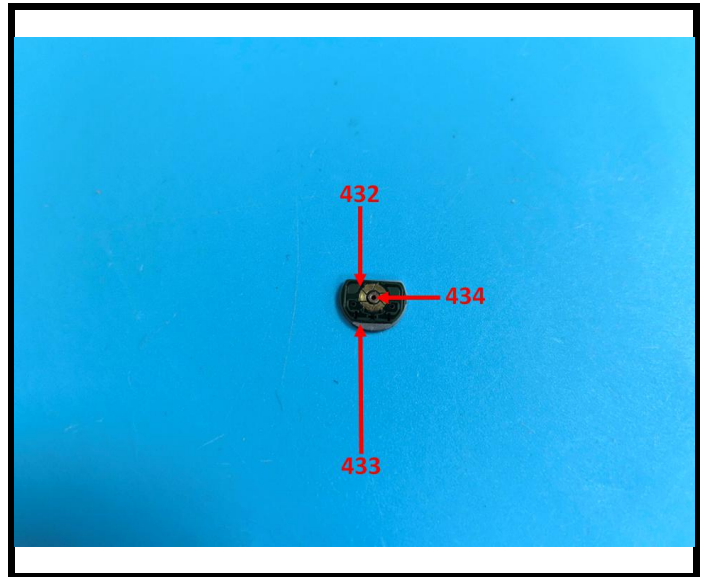
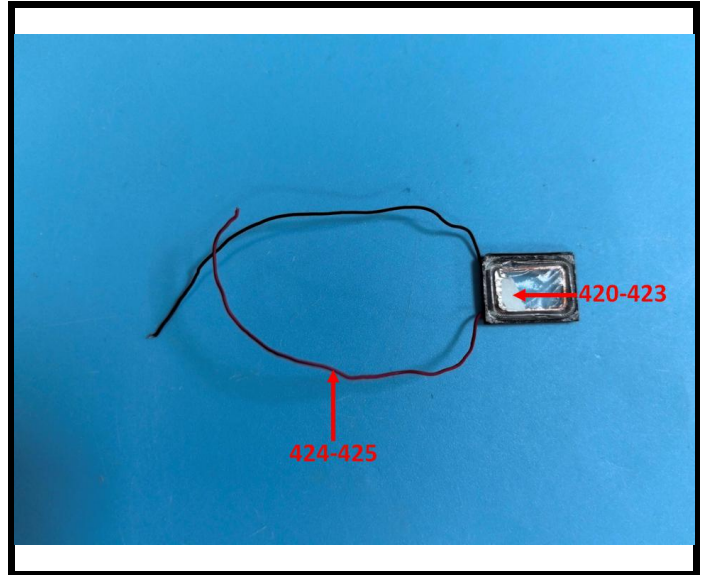
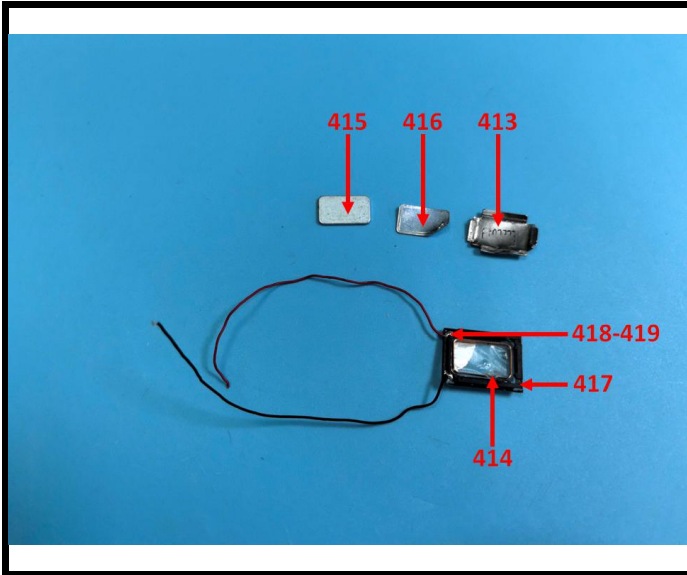


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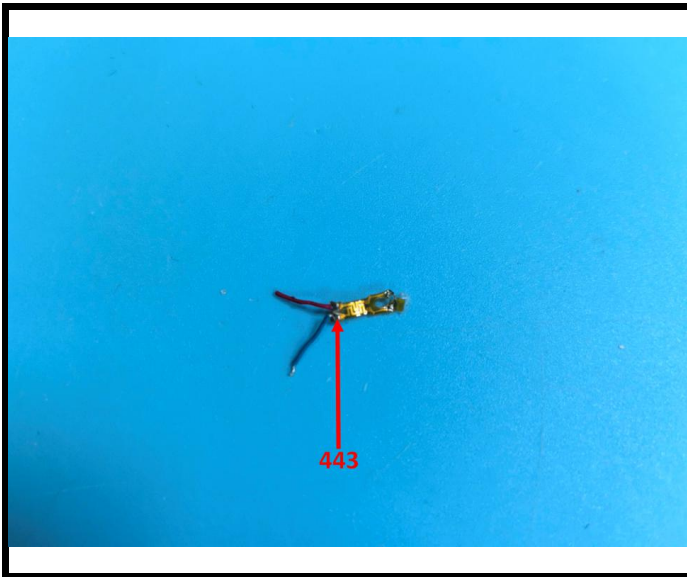
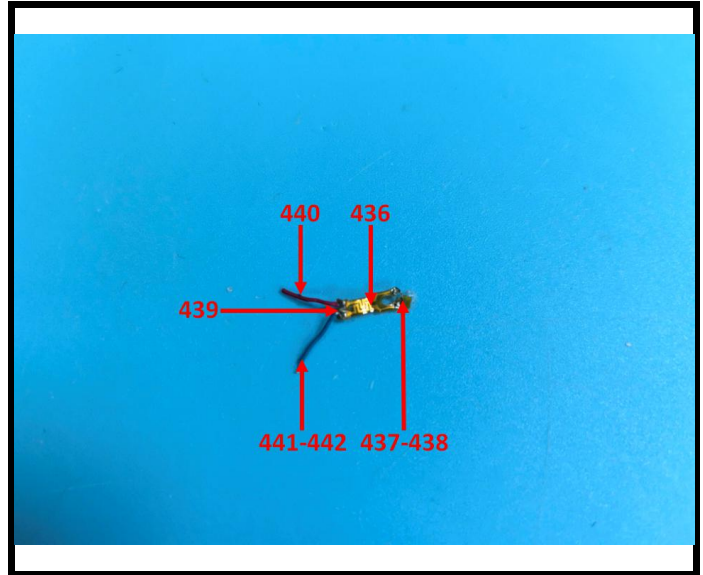
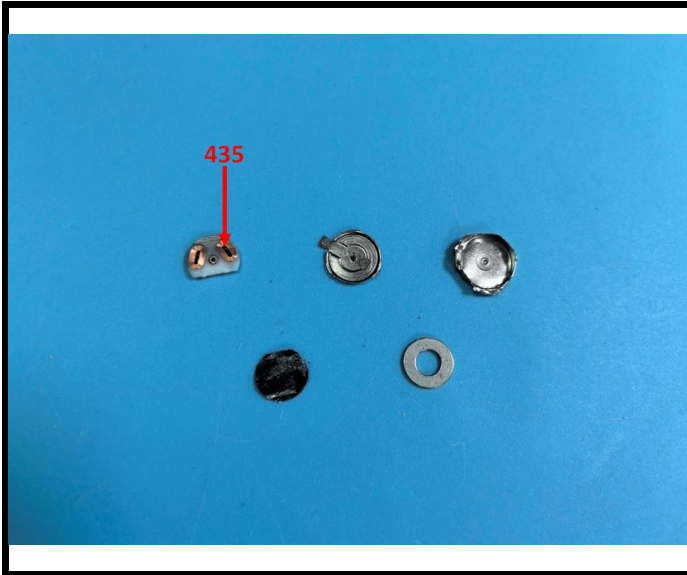


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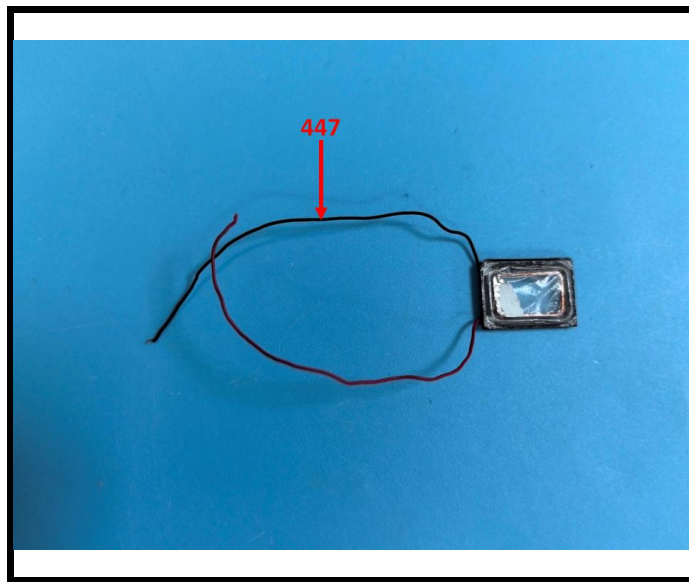
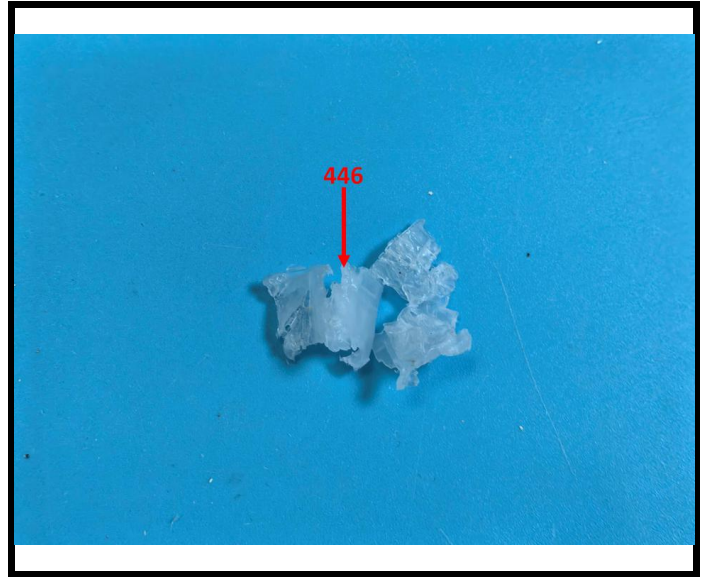
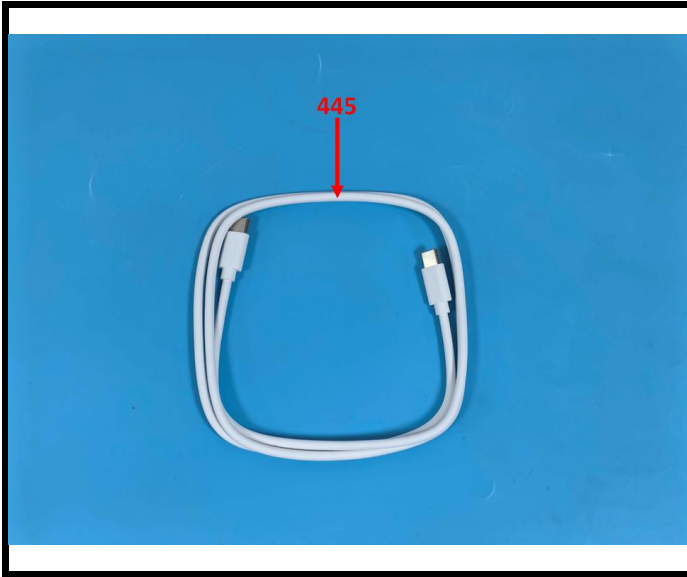


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Statement:

- 1.This report cannot be reproduced except in full, without prior written approval of the Company.
- 2.Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
- 3.This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
- 4.Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
- 5.The information which provided by the applicant, such as sample description, sample name, material component, style/item No. , P.O. No. , manufacturer, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
- 6.The test samples were in good condition before testing.

*** End of Report ***