TEST REPORT

Report No.: 2401T77471E Date: June 25, 2024

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Report on the submitted samples said to be:

Sample Description:	Smartphone
Style/Item No.:	MAX 5
Country of Origin:	China
Brand:	CUBOT
Sample Receiving Date:	May 22,2024
Lately Re-submit Date:	June 06,2024
Testing Period:	May 22,2024 - June 23,2024
Result:	**Please refer to next page(s).**

Signed for and on behalf of

BACL

Checked by: Queenie Lee

Approved by: Len Xie

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Summary of Test Result:

TEST REQUEST	CONCLUSION
A. Two hundred and forty (240) 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 240 SVHC (*=excluded lead (CAS No.:7439-92-1) on Tested part (67)) is<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.
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) White PVC(cover, plug, type-C cable)

(2) Silvery body(plug, type-C cable)

(3) Blue PCB with EC(PCB, small plug, type-C cable)

(4) Silvery solder(PCB, small plug, type-C cable)

(5) White PVC(wire jacket, type-C cable)

(6) Green plastic(inner wire jacket, type-C cable)

(7) White plastic(inner wire jacket, type-C cable)

(8) Yellow plastic(inner wire jacket, type-C cable)

(9) Black PVC(inner wire jacket, type-C cable)

(10) Pink PVC(inner wire jacket, type-C cable)

(11) Coppery metal(inner wire, type-C cable)

(12) White plastic(cover, plug, earphone)

(13) Silvery body(plug, earphone)

(14) White soft plastic(PCB cover, plug, earphone)

(15) Blue PCB(PCB, plug, earphone)

(16) Silvery solder(PCB, plug, earphone, raw material)

(17) Black printed white plastic(cover, controller, earphone)

(18) Silvery body(MIC, PCB, controller, earphone)

(19) Clear plastic with adhesive(sticker, switch, PCB, controller, earphone)

(20) Silvery metal(clip, switch, PCB, controller, earphone)

(21) Blue PCB with EC(PCB, controller, earphone)

(22) Silvery solder(PCB, controller, earphone, raw material)

(23) White soft plastic(clip wire, controller, earphone)

(24) Black printed white plastic(cover, speaker, earphone)

(25) Black fabric with adhesive(net, cover, speaker, earphone)

(26) White soft plastic(sleeve, cover, speaker, earphone)

(27) White foam with adhesive(sticker, speaker, earphone)

(28) White dry glue with red dry glue(PCB, speaker, earphone)

(29) Green PCB(PCB, speaker, earphone)

(30) Silvery solder(PCB, speaker, earphone, raw material)

(31) Silvery body(speaker, earphone)

(32) White soft plastic(clip wire, wire jacket, earphone)
(33) White soft plastic(thick wire jacket, speaker, earphone)
(34) White soft plastic(thin wire jacket, speaker, earphone)
(35) Golden enameled wire(inner wire, speaker, earphone)
(36) Black enameled wire(inner wire, speaker, earphone)
(37) Red enameled wire(inner wire, speaker, earphone)
(38) Green enameled wire(inner wire, speaker, earphone)
(39) Blue enameled wire(inner wire, speaker, earphone)
(40) Silvery metal(pin, adapter)
(41) White plastic(pin holder, adapter)
(42) Black printed white plastic(shell, adapter)
(43) Silvery metal(slice, main PCB, adapter)
(44) Clear double faced adhesive tape(slice, main PCB, adapter)
(45) Black plastic(insulation sheet, main PCB, adapter)
(46) Silvery metal(contact chip, main PCB, adapter)
(47) Black dry glue(main PCB, adapter)
(48) White dry glue(main PCB, adapter)
(49) Silvery body(USB socket, small PCB, adapter)
(50) Green PCB with EC(small PCB, adapter)
(51) Red printed silvery body(capacitor"C10""C11", main PCB, adapter)
(52) Black printed blue body(capacitor"CY1", main PCB, adapter)
(53) Gray printed brown plastic(sleeve, capacitor"C1" "C2", main PCB, adapter)
(54) Silvery body(capacitor"C1" "C2", main PCB, adapter)
(55) Gray printed black plastic(sleeve, capacitor"C3", main PCB, adapter)
(56) Silvery body(capacitor"C3", main PCB, adapter)
(57) Black printed yellow body(capacitor"CX1", main PCB, adapter)
(58) White printed black body(capacitor"NTC1", main PCB, adapter)
(59) Silvery metal(pin, capacitor"NTC1", main PCB, adapter)
(60) Brown body(fuse, PCB, adapter)
(61) Black body(inductor"L1", PCB, adapter)
(62) Black printed clear plastic with adhesive(tape, transformer, PCB, adapter)
(63) Yellow plastic with adhesive(tape, transformer, PCB, adapter)
(64) Silvery metal(pin, transformer, PCB, adapter)

(65) Black body(transformer, PCB, adapter, raw material)
(66) Black plastic(cover, triode "Q1", PCB, adapter, raw material)
(67) Coppery metal with silvery solder(triode "Q1", PCB, adapter, raw material)
(68) Silvery metal(pin, triode "Q1", PCB, adapter, raw material)
(69) Green PCB with EC(PCB, adapter)
(70) Silvery solder(PCB, adapter)
(71) Black plated silvery metal(SIM tray, Smart phone)
(72) Black plastic(SIM tray, Smart phone)
(73) Clear glass(rear cover, Smart phone)
(74) Black plastic with adhesive(rear cover, Smart phone)
(75) Black foam with adhesive(stick, rear cover, Smart phone)
(76) Black plated silvery metal(cover, button, Smart phone)
(77) Black plastic(cover, button, Smart phone)
(78) Black plastic(middle cover, Smart phone)
(79) Black coated clear glass(big camera cover, middle cover, Smart phone)
(80) Black coated clear glass(small camera cover, middle cover, Smart phone)
(81) Clear plastic(LED cover, middle cover, Smart phone)
(82) Black printed silvery metal(screw, middle cover, Smart phone)
(83) Silvery metal(screw, middle cover, Smart phone)
(84) Black printed silvery body(fingerprint recognition, Smart phone)
(85) White printed black plastic with coppery metal(FPC, fingerprint recognition, Smart phone)
(86) Black/golden body(socket, FPC, fingerprint recognition, Smart phone)
(87) Black/brown FPC(LED FPC, middle cover, Smart phone)
(88) Yellow body(LED, middle cover, Smart phone)
(89) Black plastic(shell, big speaker, Smart phone)
(90) Clear dry glue(shell, big speaker, Smart phone)
(91) Black plastic(wire jacket, big speaker, Smart phone)
(92) Red plastic(wire jacket, big speaker, Smart phone)
(93) Silvery metal(wire, big speaker, Smart phone)
(94) Silvery solder(big speaker, Smart phone)
(95) Silvery/black body(big speaker, Smart phone)
(96) Black fabric with adhesive(net, holder, small speaker, earphone)
(97) Black plastic(holder, small speaker, earphone)

(98) Black plastic(wire jacket, small speaker, Smart phone)
(99) Red plastic(wire jacket, small speaker, Smart phone)
(100) Silvery metal(wire, small speaker, Smart phone)
(101) Black fabric with adhesive(net, small speaker, Smart phone)
(102) Black dry glue(small speaker, Smart phone)
(103) Silvery solder(small speaker, Smart phone)
(104) Silvery/black body(small speaker, Smart phone)
(105) Black body(back small camera, Smart phone)
(106) Silvery/black body(back middle camera, Smart phone)
(107) Black/brown FPC with EC(FPC, back small/middle camera, Smart phone)
(108) Black/golden body(socket, FPC, back small/middle camera, Smart phone)
(109) Silvery metal(stiffening plate, FPC, back small/middle camera, Smart phone)
(110) Silvery body(back big camera, Smart phone)
(111) Black/brown FPC(FPC, back big camera, Smart phone)
(112) Black/golden body(socket, FPC, back big camera, Smart phone)
(113) Silvery metal(stiffening plate, FPC, back big camera, Smart phone)
(114) Black body(front camera, Smart phone)
(115) Black body(IC, front camera, Smart phone)
(116) Brown FPC with EC(FPC, front camera, Smart phone)
(117) Black body(socket, FPC, front camera, Smart phone)
(118) Black foam with adhesive(stick, front camera, Smart phone)
(119) Silvery metal(stiffening plate, FPC, front camera, Smart phone)
(120) Black foam with adhesive(sticker, motor, Smart phone)
(121) Clear dry glue(motor, Smart phone)
(122) Silvery body(motor, Smart phone)
(123) Black prated brown plastic with coppery metal(big FPC, PCB connect, Smart phone)
(124) Black/silvery body(socket, big FPC, PCB connect, Smart phone)
(125) Black printed brown plastic with coppery metal(small FPC, PCB connect, Smart phone)
(126) Black/silvery body(socket, small FPC, PCB connect, Smart phone)
(127) Silvery body(plug, connecting line, PCB, Smart phone)
(128) Black plastic(wire jacket, connecting line, PCB, Smart phone)
(129) White plastic(wire jacket, connecting line, PCB, Smart phone)
(130) Silvery metal(net, connecting line, PCB, Smart phone)

(131) White plastic(inner wire jacket, connecting line, PCB, Smart phone)
(132) Silvery metal(inner wire, connecting line, PCB, Smart phone)
(133) Black plastic with adhesive(sticker, SIM socket, small PCB, Smart phone)
(134) Silvery body(SIM socket, small PCB, Smart phone)
(135) Silvery body(power socket, small PCB, Smart phone)
(136) Black/silvery body(big FPC socket, small PCB, Smart phone)
(137) Black/silvery body(small FPC socket, small PCB, Smart phone)
(138) Golden/black body(connect socket, small PCB, Smart phone)
(139) Black PCB with EC(small PCB, Smart phone)
(140) Silvery solder(small PCB, Smart phone)
(141) Silvery metal(pin, small PCB, Smart phone)
(142) Silvery metal(contact chip, small PCB, Smart phone)
(143) Silvery metal(stator, Smart phone)
(144) Coppery metal with adhesive(sticker, main PCB, Smart phone)
(145) Silvery metal(cover, main PCB, Smart phone)
(146) Black/silvery body(big FPC socket, main PCB, Smart phone)
(147) Black/silvery body(middle FPC socket, main PCB, Smart phone)
(148) Black/silvery body(small FPC socket, main PCB, Smart phone)
(149) Black/silvery body(big socket, main PCB, Smart phone)
(150) Black/silvery body(small socket, main PCB, Smart phone)
(151) Silvery/black body(antennae socket, main PCB, Smart phone)
(152) Golden/black body(connect socket, main PCB, Smart phone)
(153) Black PCB with EC(main PCB, Smart phone)
(154) Silvery solder(main PCB, Smart phone)
(155) Silvery metal(pin, main PCB, Smart phone)
(156) Black body(side button, main PCB, Smart phone)
(157) Black/brown FPC(FPC, side button, main PCB, Smart phone)
(158) Silvery metal(stiffening plate, FPC, side button, main PCB, Smart phone)
(159) Black plastic(front cover, Smart phone)
(160) Silvery metal(front cover, Smart phone)
(161) Coppery metal(nut, front cover, Smart phone, semi-product)
(162) Black/silvery plastic with adhesive(sticker, front cover, Smart phone)
(163) Silvery double faced adhesive tape(sticker, front cover, Smart phone)

(164) Clear double faced adhesive tape(sticker, front cover, Smart phone)
(165) Coppery metal(slice, front cover, Smart phone)
(166) Pale golden metal(slice, front cover, Smart phone)
(167) Coppery metal with adhesive(sticker, screen, Smart phone)
(168) Yellow clear plastic with adhesive(sticker, screen, Smart phone)
(169) Brown FPC with EC(FPC, screen, Smart phone)
(170) Silvery solder(FPC, screen, Smart phone)
(171) Black/golden body(socket, FPC, screen, Smart phone)
(172) Silvery metal(base, screen, Smart phone)
(173) Gray plastic(frame, screen, Smart phone)
(174) Silvery plastic(film, screen, Smart phone)
(175) Clear plastic(film, screen, Smart phone)
(176) White plastic(film, screen, Smart phone)
(177) Silvery clear plastic(film, screen, Smart phone)
(178) Iridescent silvery plastic(film, screen, Smart phone)
(179) White body(LED, screen, Smart phone)
(180) Brown FPC(LED FPC, screen, Smart phone)
(181) Black plastic with adhesive(tape, LED FPC, screen, Smart phone)
(182) Silvery plastic with adhesive(polaroid, LED FPC, screen, Smart phone)
(183) Black glass with liquid crystal(screen, Smart phone)
(184) Clear plastic with adhesive(tape, battery, Smart phone)
(185) Black plastic with adhesive(tape, battery, Smart phone)
(186) Green plastic with adhesive(tape, battery, Smart phone)
(187) Black FPC with EC(FPC, battery, Smart phone)
(188) Silvery solder(FPC, battery, Smart phone)
(189) Blue dry glue(FPC, battery, Smart phone)
(190) Silvery metal(contact chip, FPC, battery, Smart phone)
(191) Black/golden body(socket, FPC, battery, Smart phone)
(192) White/black printed brown plastic with coppery metal(PCB, battery, Smart phone)
(193) White printed black body(battery, Smart phone)

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A. Two hundred and forty (240) 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-AES, UV-VIS, IC, GC-MS, Headspace GC-MS, LC-MS/MS, HPLC-TS-MS.

Item	Unit	MDL	Result					
			(1)+(5)+(9)+(10)	(2)+(13)+(18)+(31)+(49)+(51)+(52)+(54)+(56)+(57)	(3)+(15)+(21)+(29)+(50)+(69)+(85)+(87)+(107)+(116)	(4)	(6)+(7)+(8)+(91)+(92)+(98)+(99)+(128)+(129)+(131)	(11)+(20)+(43)+(46)+(59)+(64)+(68)+(83)+(93)+(100)
All Tested 240 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result					
			(12)+(17)+(24)+(42)+(74)+(78)	(14)+(23)+(26)+(32)+(33)+(34)	(16)	(19)+(41)+(53)+(55)+(62)+(63)+(66)+(72)+(77)+(81)	(22)	(25)+(27)+(75)+(96)+(101)+(118)+(120)
All Tested 240 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result					
			(28)+(47)+(48)+(90)+(102)+(121)+(189)	(30)	(35)+(36)+(37)+(38)+(39)	(40)	(44)+(45)+(175)+(176)+(177)+(178)+(181)+(182)+(184)+(186)	(58)+(60)+(61)+(65)+(86)+(88)+(95)+(104)+(105)+(106)
All Tested 240 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result					
			(70)	(71)+(76)+(144)+(155)+(160)+(165)+(166)+(167)+(172)+(190)	(73)+(79)+(80)	(82)	(84)+(151)+(152)+(156)+(171)+(179)+(191)	(89)+(97)+(133)+(159)+(162)+(163)+(164)+(168)+(173)+(174)
All Tested 240 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result					
			(94)	(103)	(108)+(110)+(112)+(114)+(115)+(117)+(122)+(124)+(126)+(127)	(109)+(113)+(119)+(130)+(132)+(141)+(142)+(143)+(145)+(158)	(111)+(123)+(125)+(139)+(153)+(157)+(169)+(180)+(187)+(192)	(134)+(135)+(136)+(137)+(138)+(146)+(147)+(148)+(149)+(150)
All Tested 240 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result			
			(140)	(154)	(161)	(170)
All Tested 240 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.	N.D.

Item	Unit	MDL	Result		
			(183)	(188)	(193)
All Tested 240 SVHC in the Candidate	mg/kg	50	N.D.	N.D.	N.D.

No.	Item	EC No	Unit	MDL	Result	Category
					(67)	
184	Lead(Pb)	231-100-4	mg/kg	50	4208*	Toxic for reproduction (Article 57 c)
/	All the other tested 239 SVHC in the Candidate	/	mg/kg	50	N.D.	/

No.	Item	EC No	Unit	MDL	Result	Category
					(185)	
3	Dibutyl Phthalate(DBP)	201-557-4	mg/kg	50	136	CMR
/	All the other tested 239 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

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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)**	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
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	115-96-8	204-118-5	mg/kg	50	CMR
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	mg/kg	50	CMR

No.	Item	CAS No.	EC No.	Unit	MDL	Category
26	C.I.Pigment Red 104	12656-85-8	235-759-9	mg/kg	50	CMR
27	Lead chromate: chrome yellow	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
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 chromicacid and dichromic acid*	7738-94-5; 13530-68-2	231-801-5;236-881-5	mg/kg	50	CMR
45	2-Ethoxyethylacetate	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)	71888-89-6	276-158-1	mg/kg	50	CMR

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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	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	140-66-9	205-426-2	mg/kg	50	Equivalent level of concern having probable serious effects to the environment
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	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)	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

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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
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)	1163-19-5	214-604-9	mg/kg	50	PBT (Article 57 d) vPvB (Article 57 e)
86	Pentacosafluorotridecanoic acid(EGDME)	72629-94-8	276-745-2	mg/kg	50	vPvB
87	Tricosafluorododecanoic acid (PFDoA)	307-55-1	206-203-2	mg/kg	50	vPvB(Article 57e)
88	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	mg/kg	50	vPvB
89	Heptacosafluorotetradecanoic 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

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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
94	Hexahydromethylphathalic anhydride, Hexahydro-4-methylphathalic anhydride, Hexahydro-1-methylphathalic anhydride, Hexahydro-3-methylphathalic 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(DMF)	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)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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 cynamidate*	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)
117	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] *	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

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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
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)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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)
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)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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)
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 ≥ 0.3% of dihexyl phthalate(EC No. 201-559-5)	---	---	mg/kg	50	Toxic for reproduction (Article 57 c)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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)
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)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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 ≥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 , .0²,¹³.0⁵,¹]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)
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)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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)
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) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	---	---	mg/kg	50	Endocrine disrupting properties (Article 57(f) – environment)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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)	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)
211	Dioctyltin 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 cayloxy moiety	--	--	mg/kg	50	Toxic for reproduction (Article 57c)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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)
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)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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)
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)

No.	Item	CAS No.	EC No.	Unit	MDL	Category
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	79-94-7	201-236-9	mg/kg	50	Carcinogenic (Article 57a)
233	1,1'-[ethane-1,2-diylbisoxy]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	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	Oligomeristion and alkylation reaction products of 2-phenylpropene and phenol	--	700-960-7	mg/kg	50	vPvB (Article 57e)

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 chromicacid and dichromic acid, strontium chromate, Calcium arsenate,Potassium hydroxyoctaoxodizincatedi-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), Leadcynamidate, Lead dinitrate, Lead oxide (lead monoxide), Lead tetroxide (orange lead), Lead titanium trioxide, Lead TitaniumZirconium 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 number082-001-00-6 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 abovemetal 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 ascreening test of TBTO and can cover TBTO and other salts under current technologies. Further investigation is required ifthe exact amount of TBTO has to be determined.
- *** = Calculated concentration of these coal-tar products is based on the identified polycyclic aromatic hydrocarbonsï¼ˆPAHsï¼‰ and. heterocyclic compounds.
- **** = Calculated concentration of these Aluminosilicate and Zirconia Aluminosilicate is based on the identifiedaluminum 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 â‰¥ 0.1% (weight / weight).- Carcinogenic, Mutagenic or toxic to Reproduction (CMR), meeting the criteria for classification in category 1 or 2 inaccordance with Directive 67/548/EEC, Persistent, Bioaccumulative and Toxic (PBT) or very Persistent and veryBioaccumulative (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 equivalentlevel 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 listpublished by ECHA:https://echa.europa.eu/candidate-list-tableThis list is under evaluation by ECHA and may 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 andthe exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

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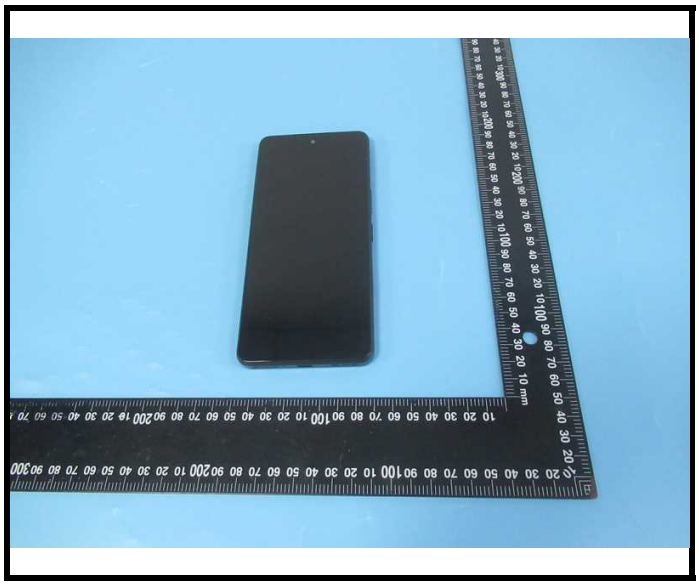
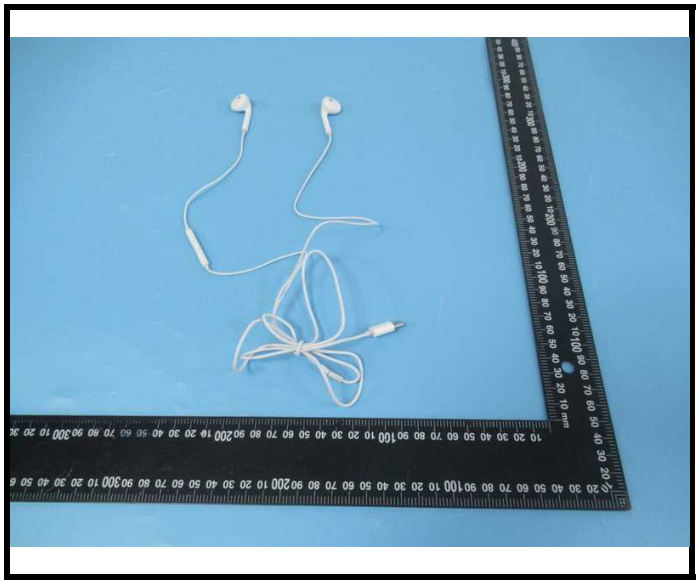
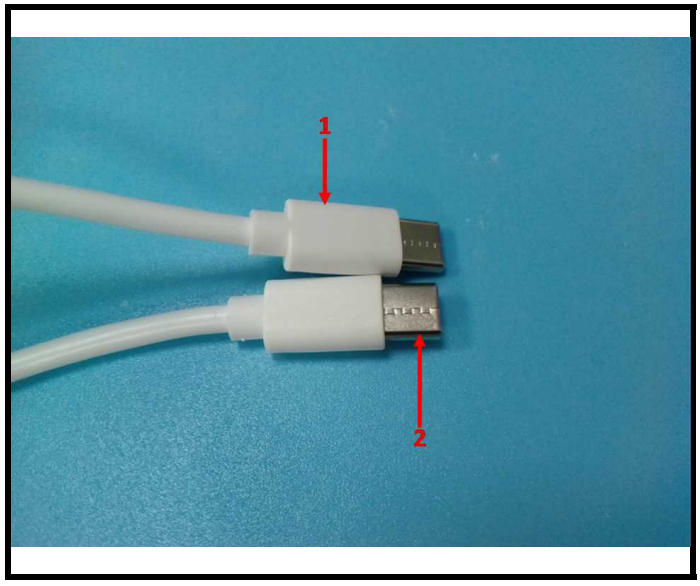
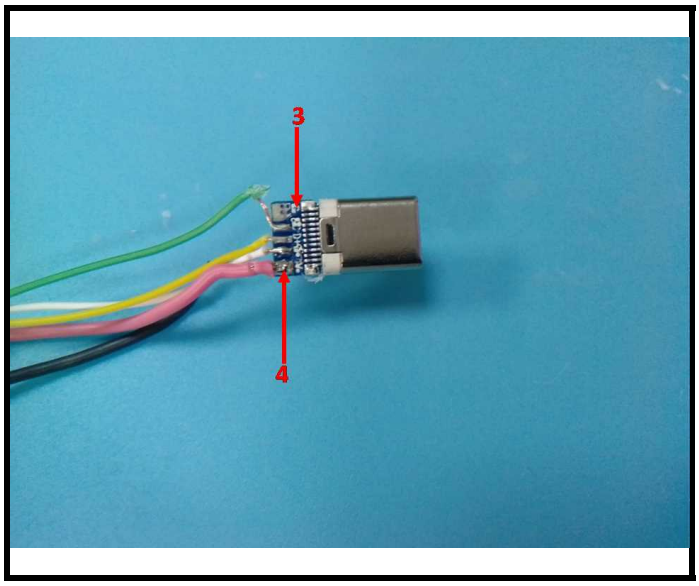
Photograph of Sample





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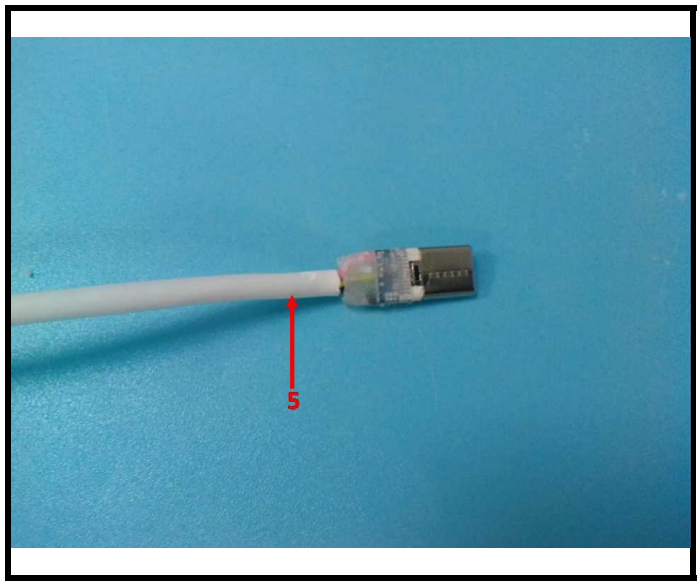
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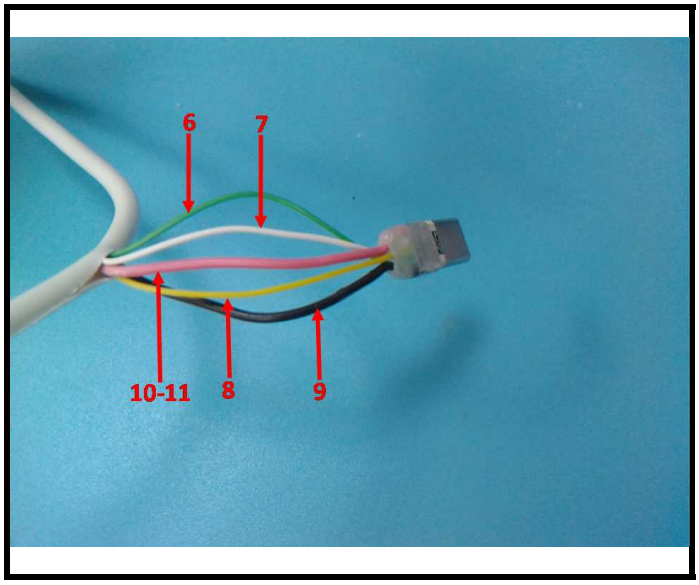
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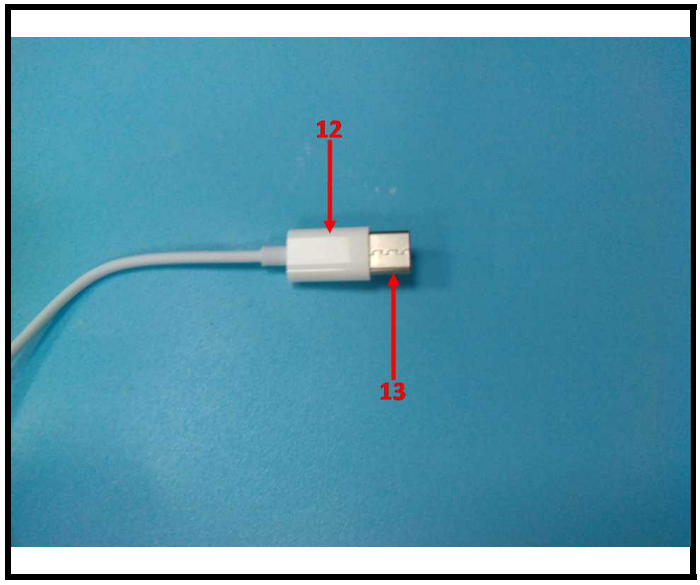
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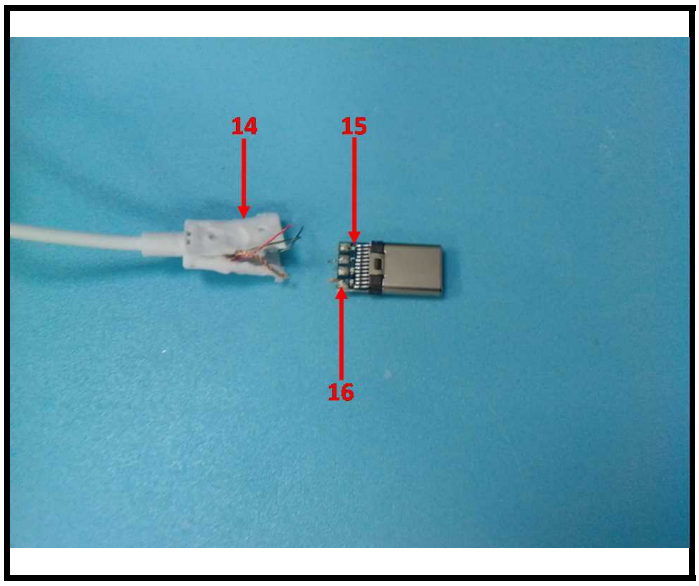
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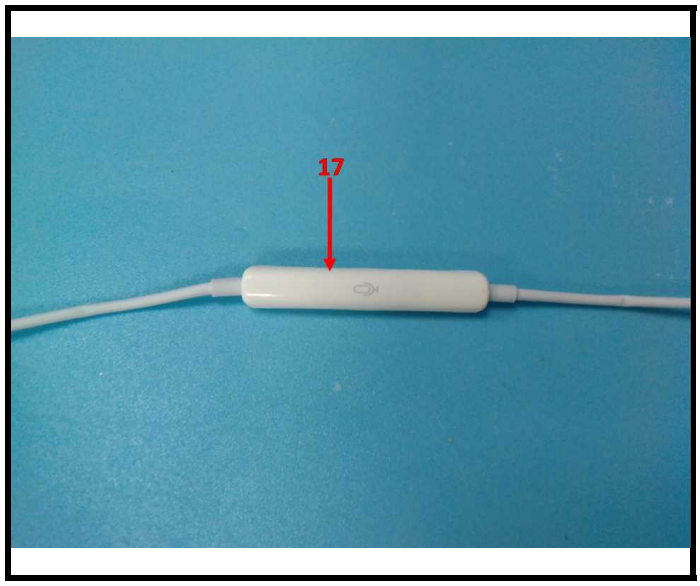
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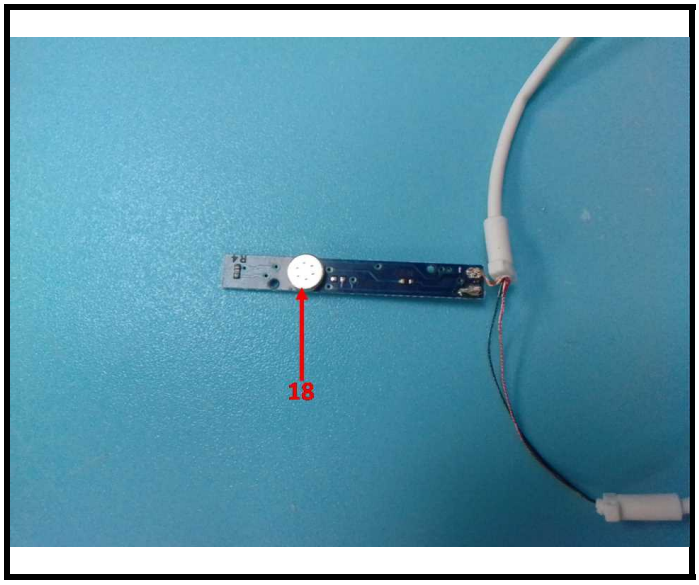
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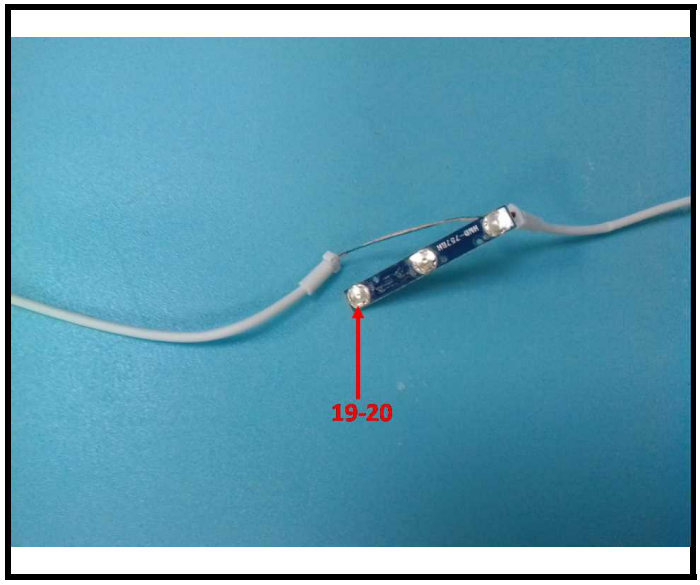
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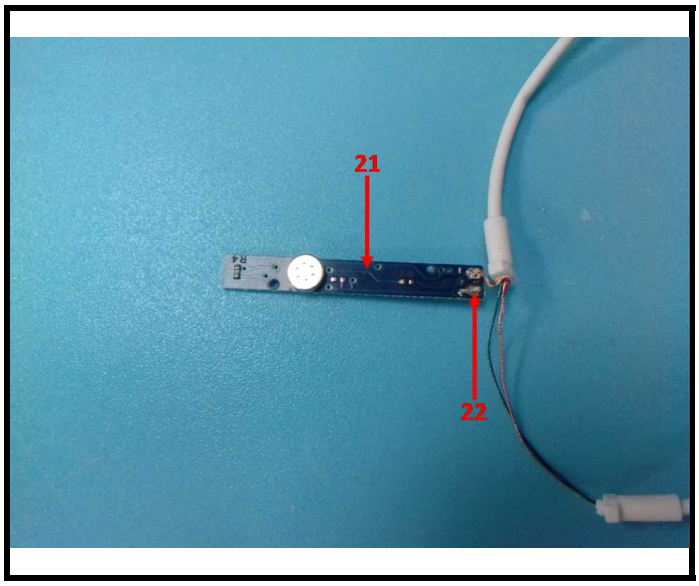
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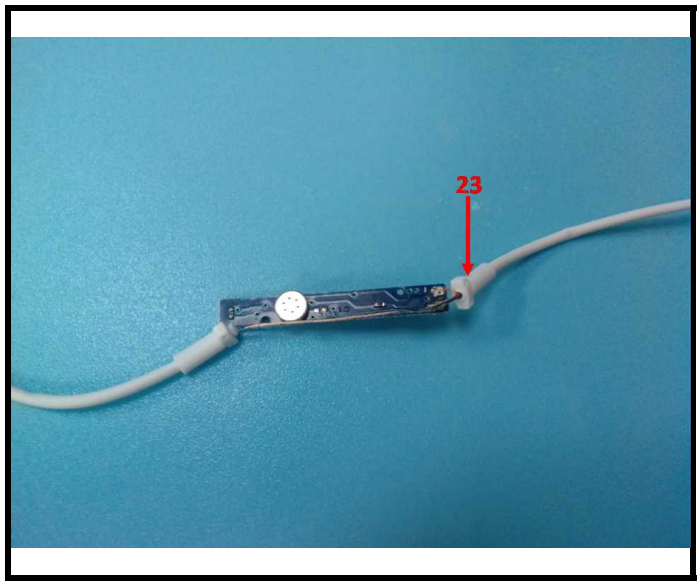
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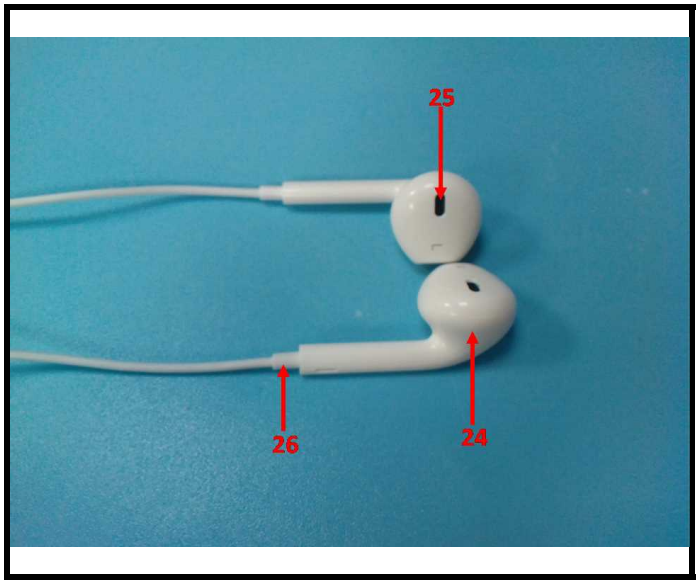
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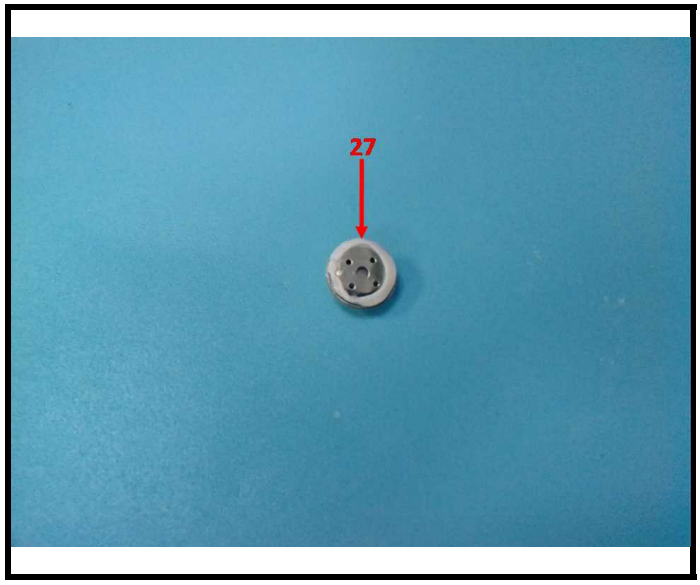
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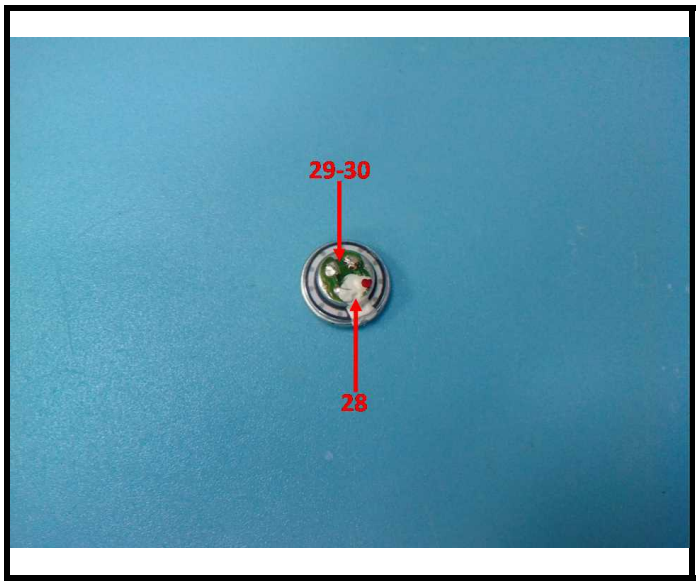
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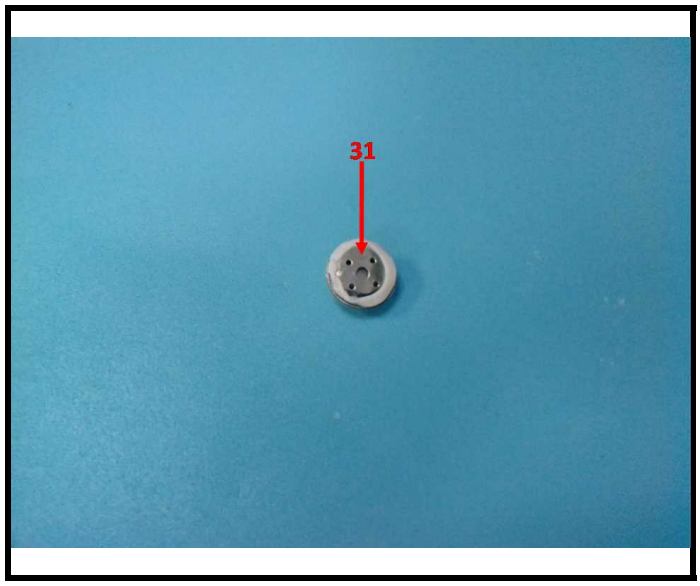
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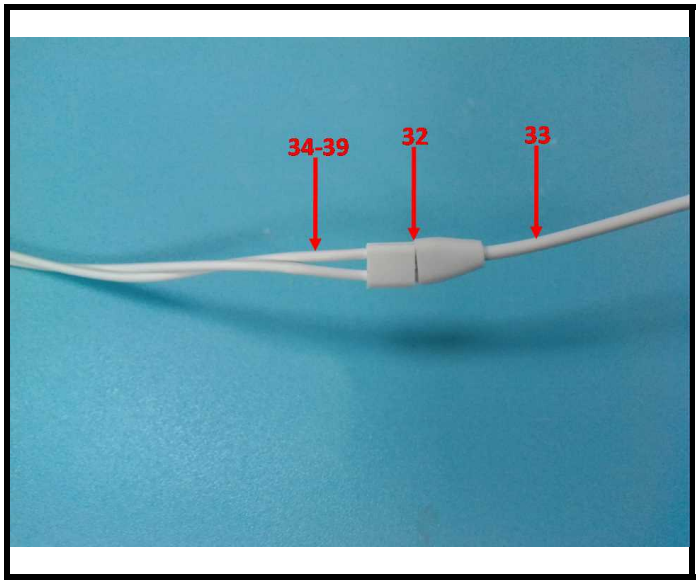
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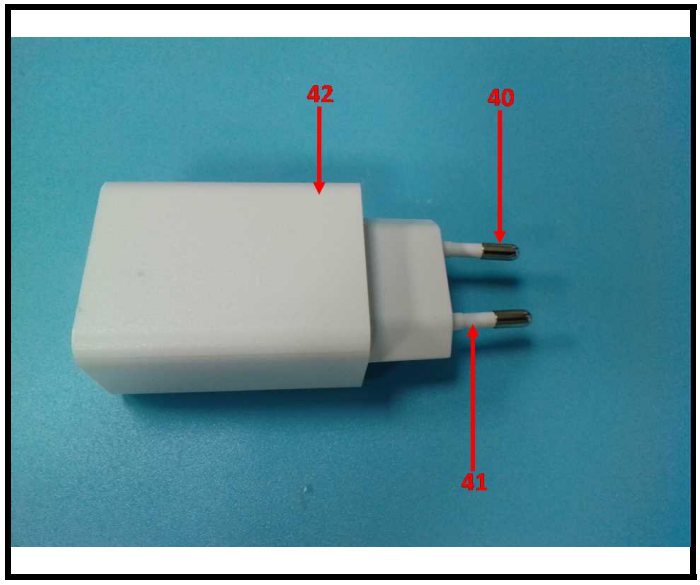
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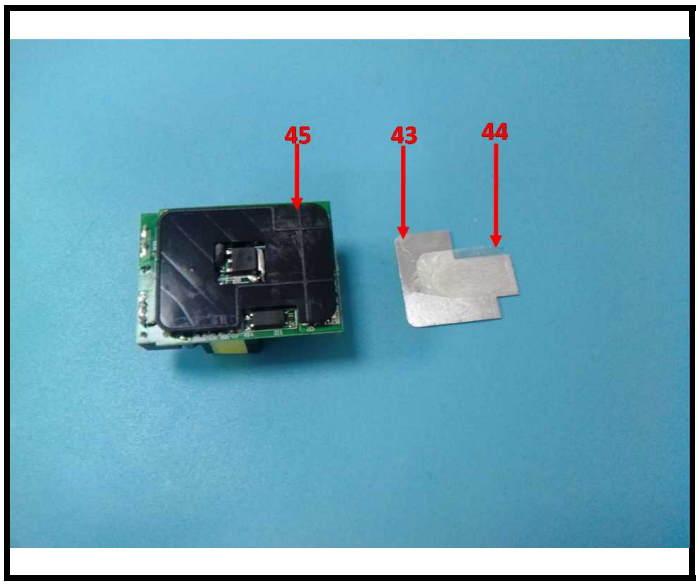
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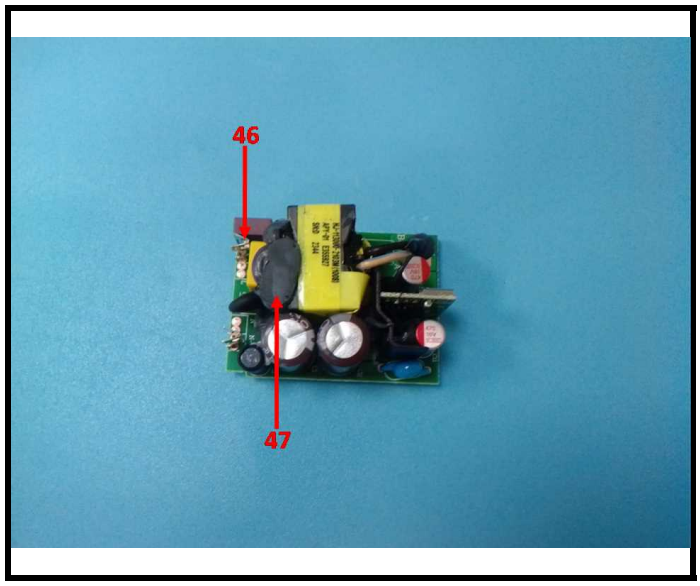
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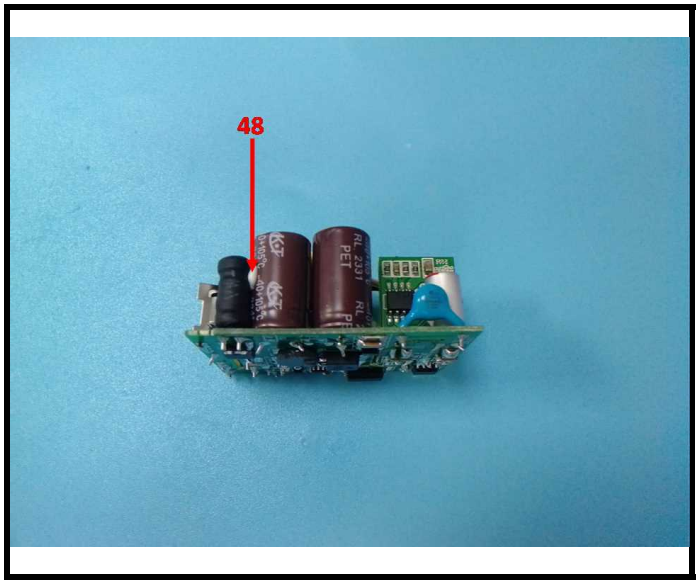
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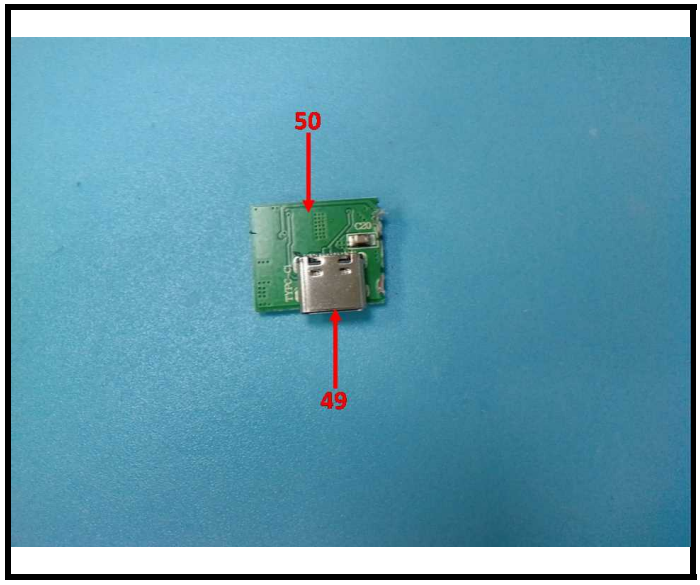
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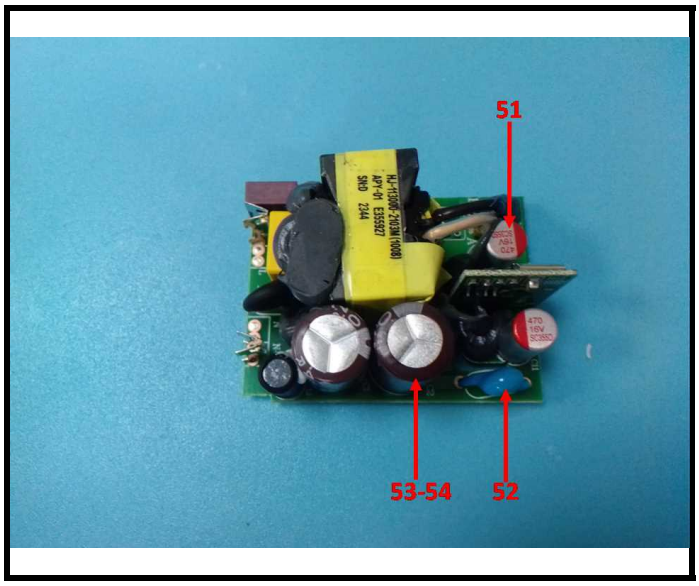
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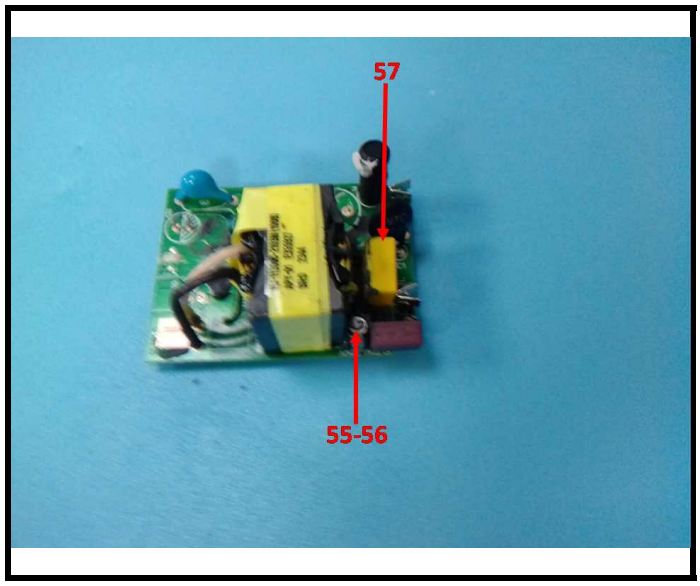
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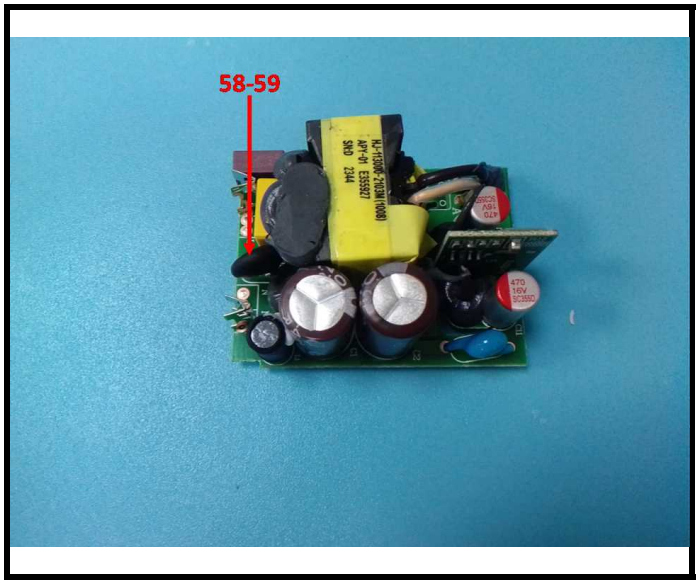
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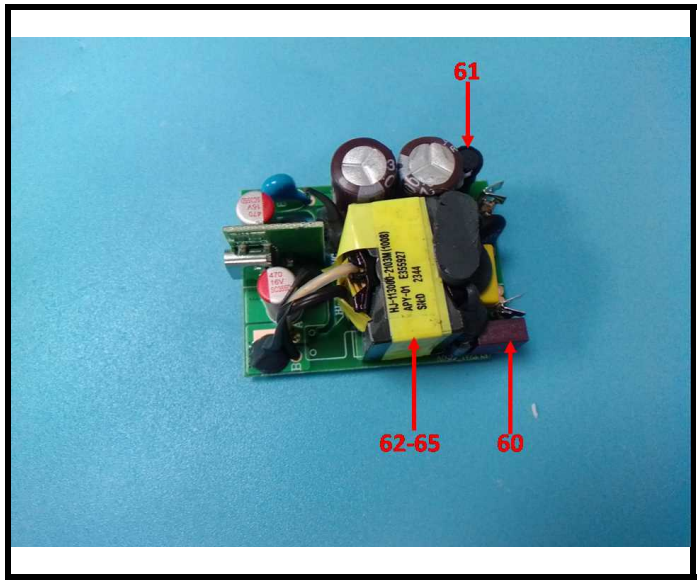
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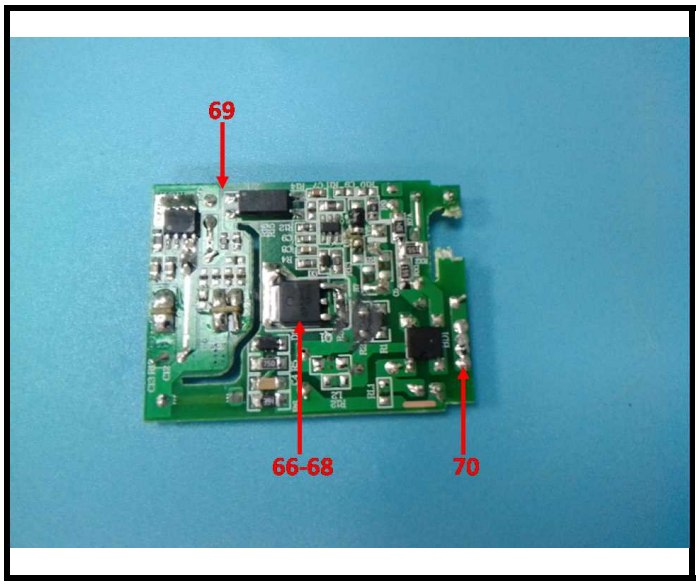
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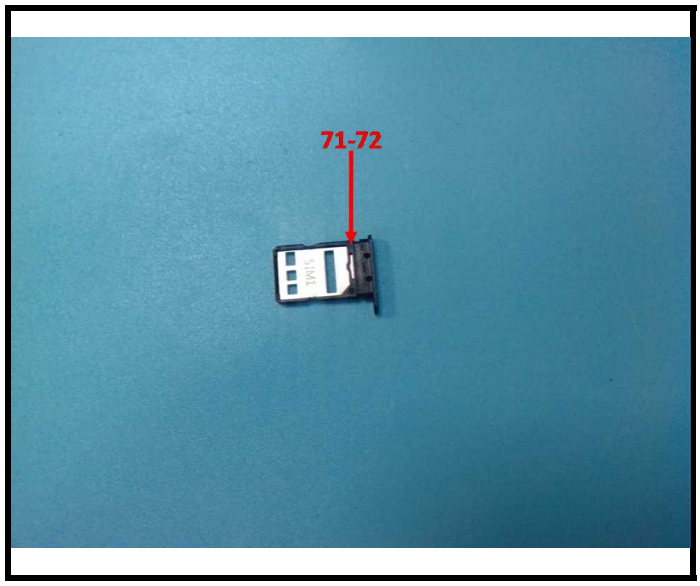
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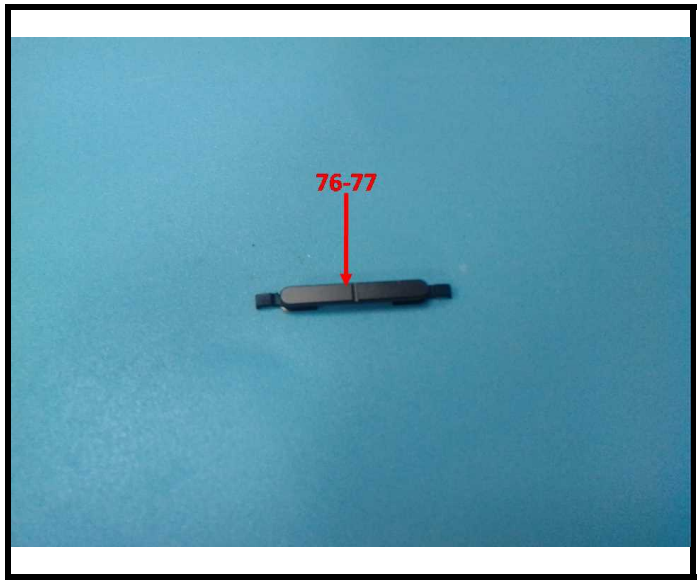
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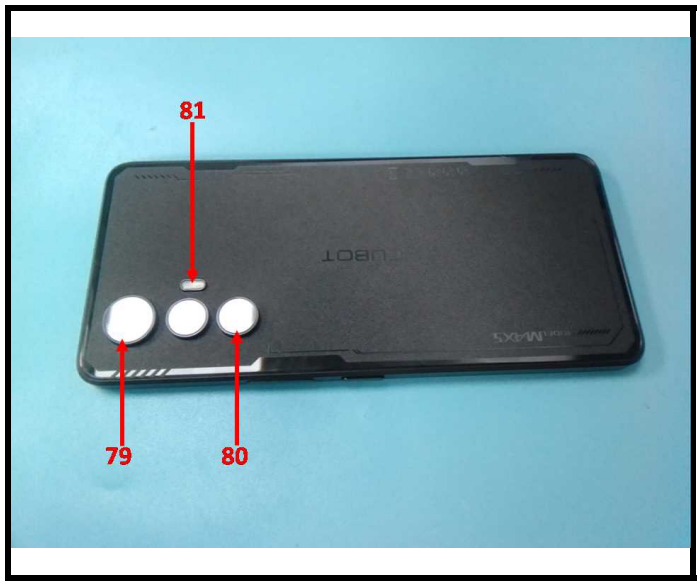
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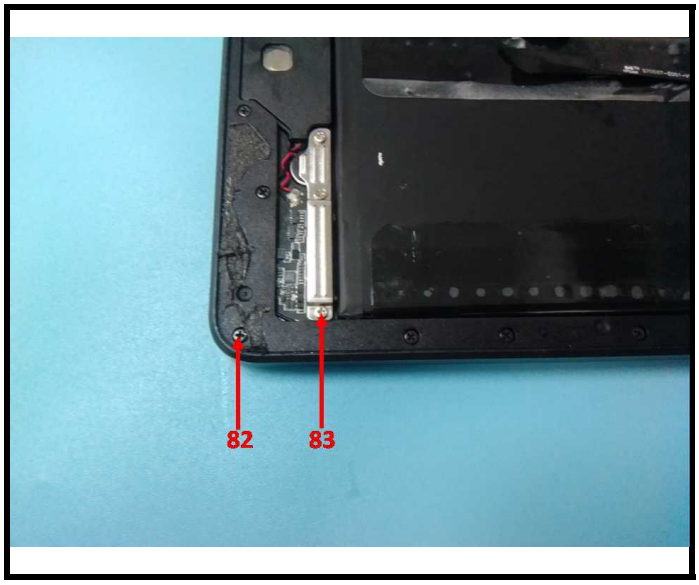
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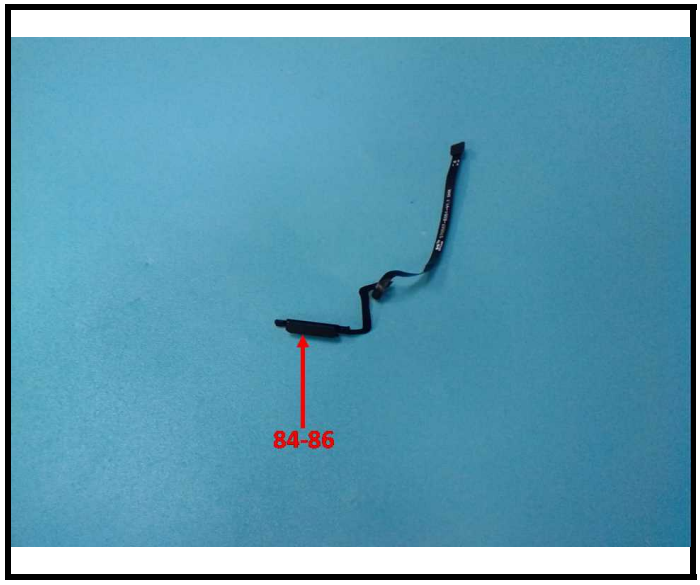
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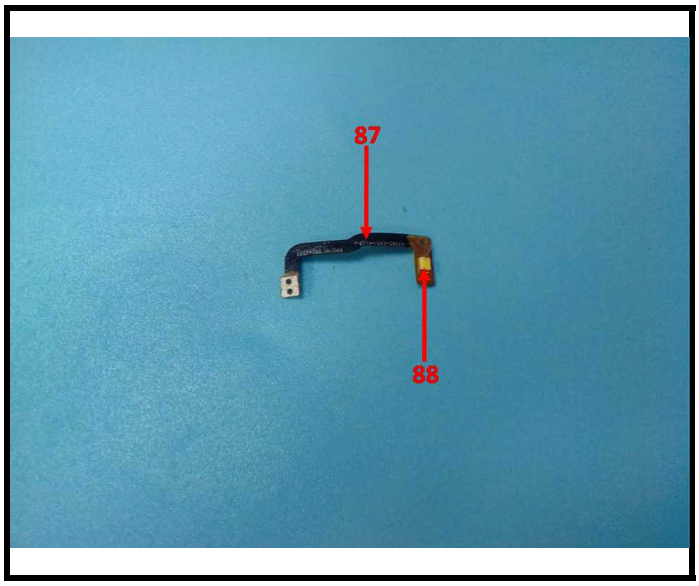
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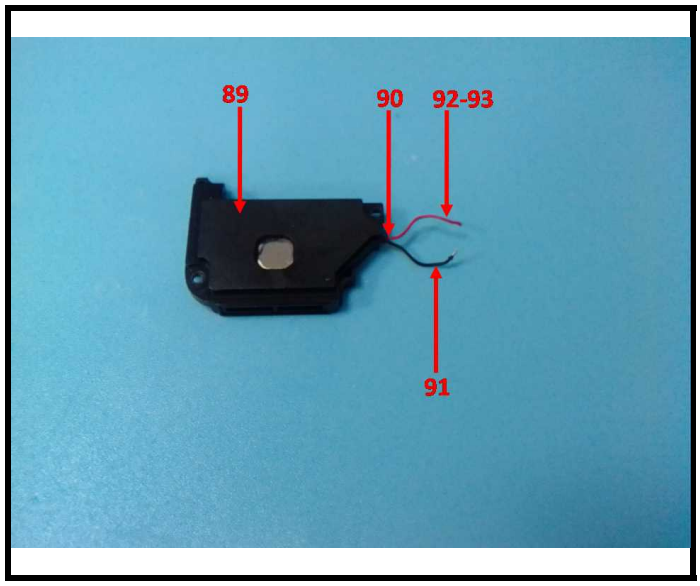
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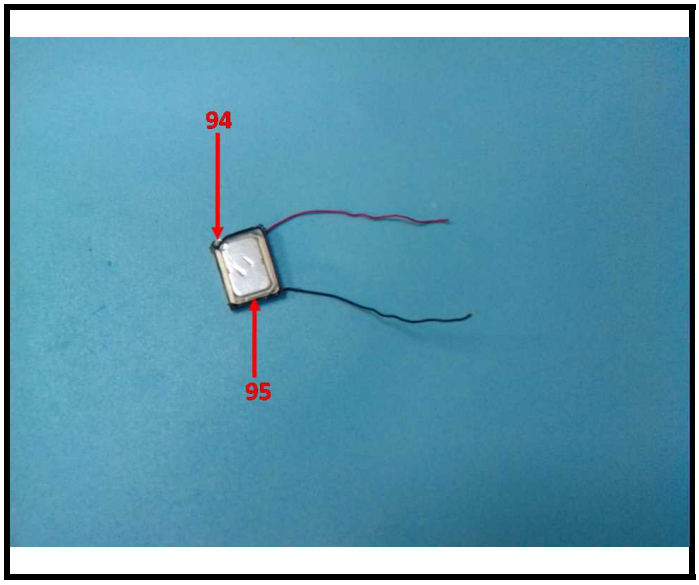
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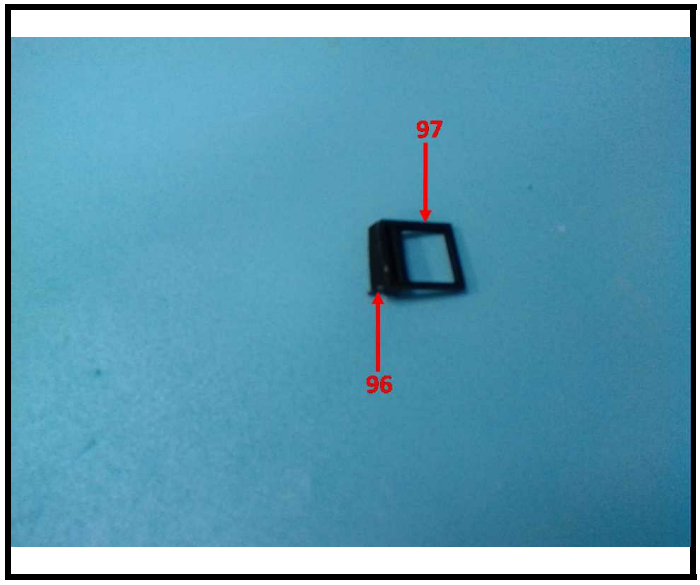
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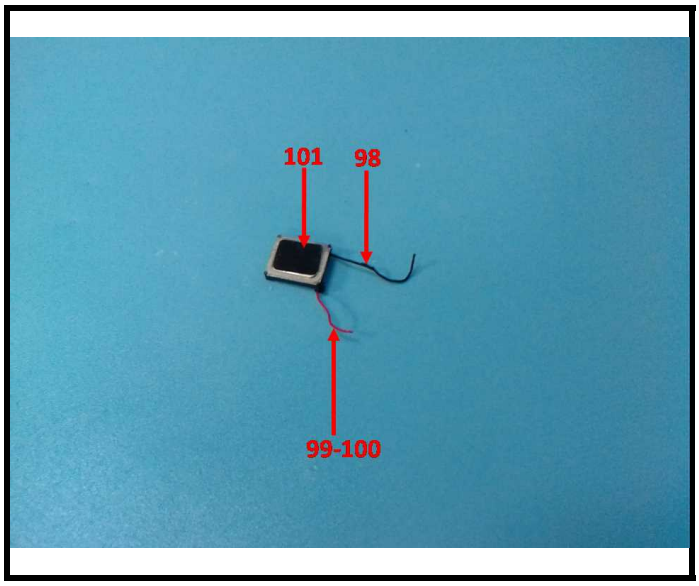
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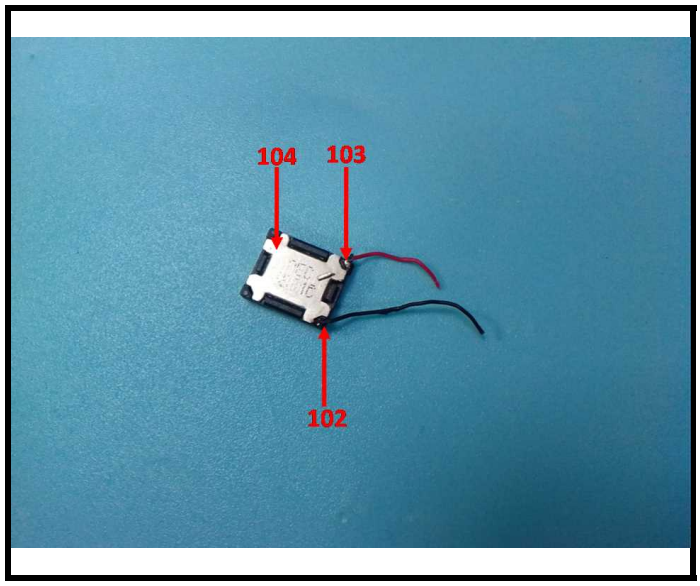
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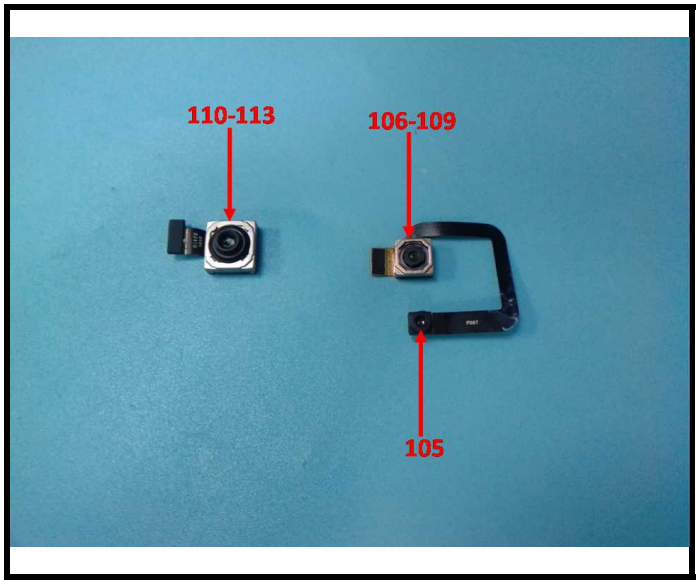
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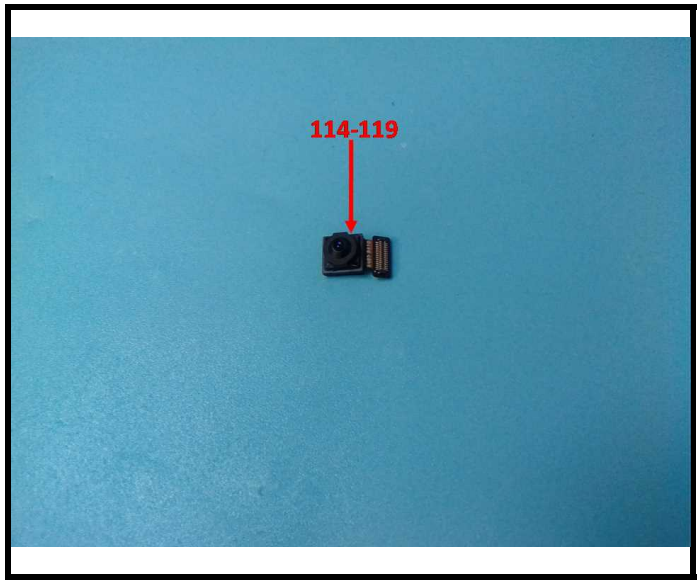
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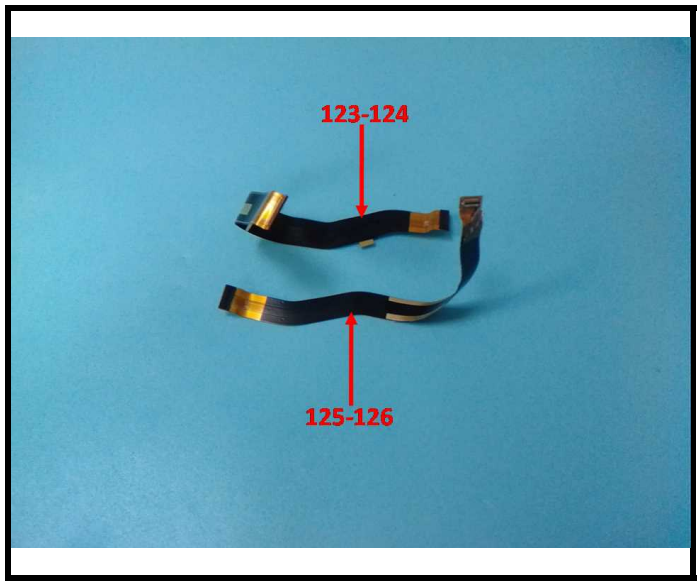
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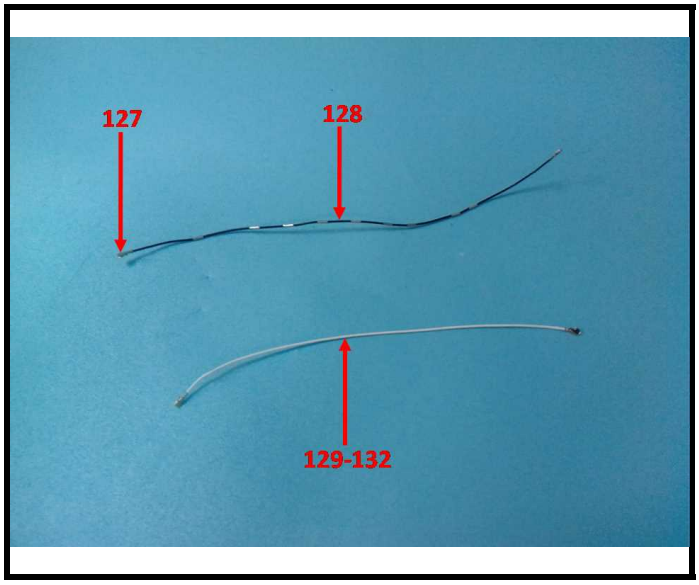
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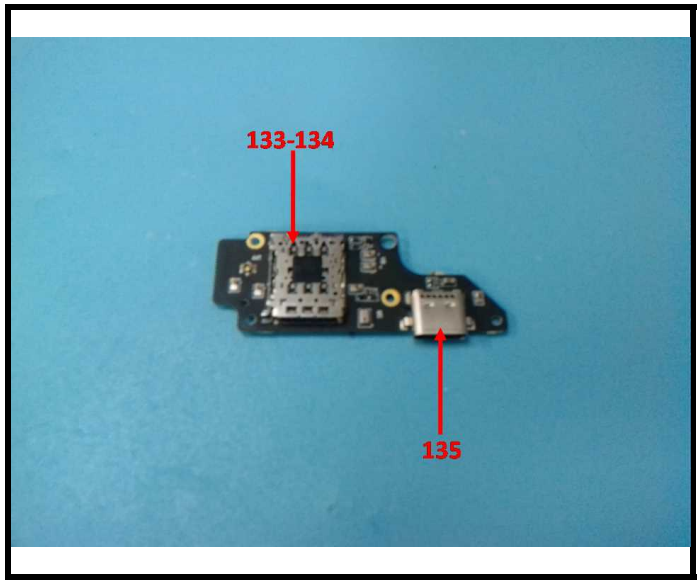
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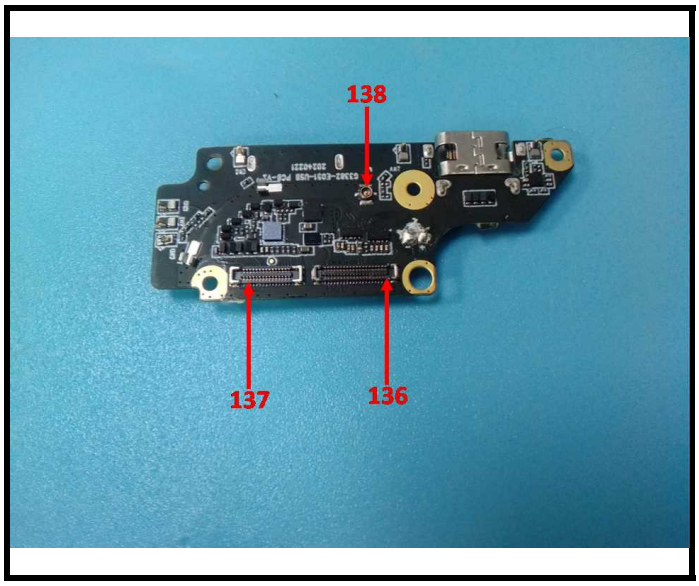
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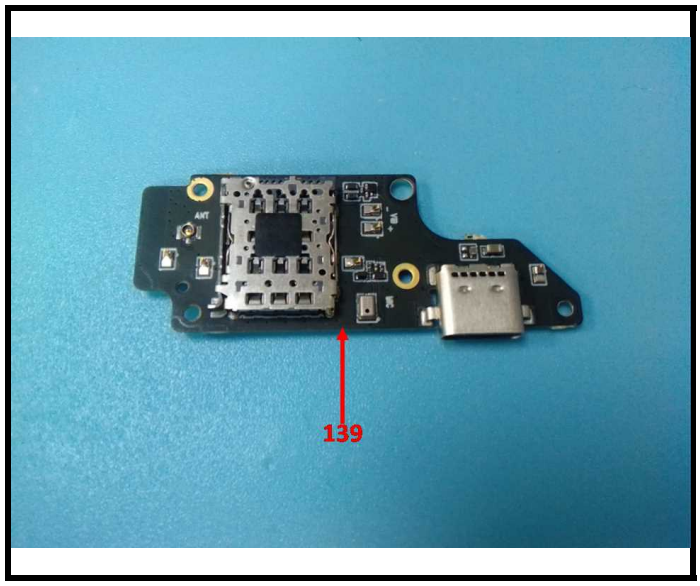
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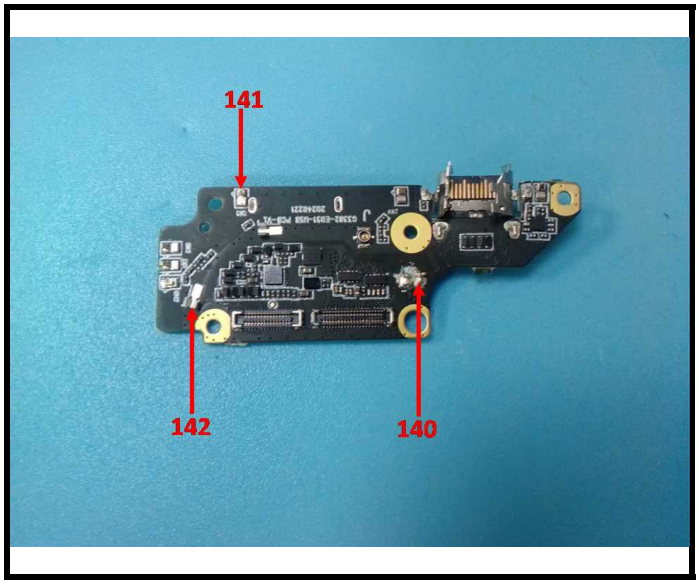
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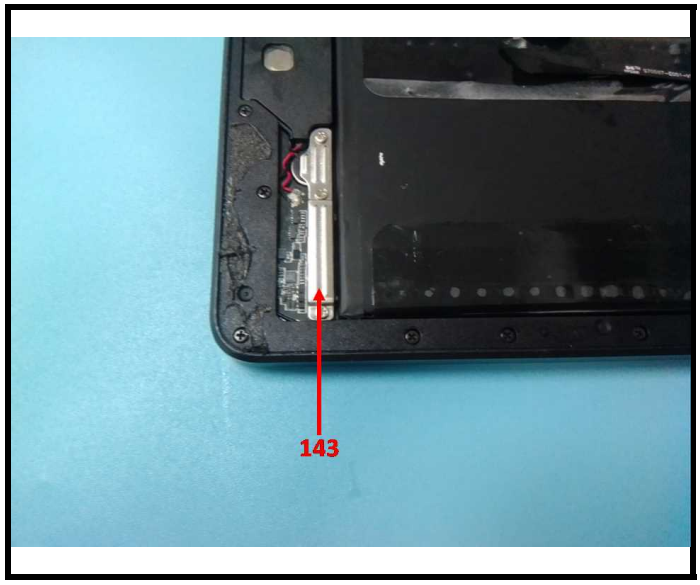
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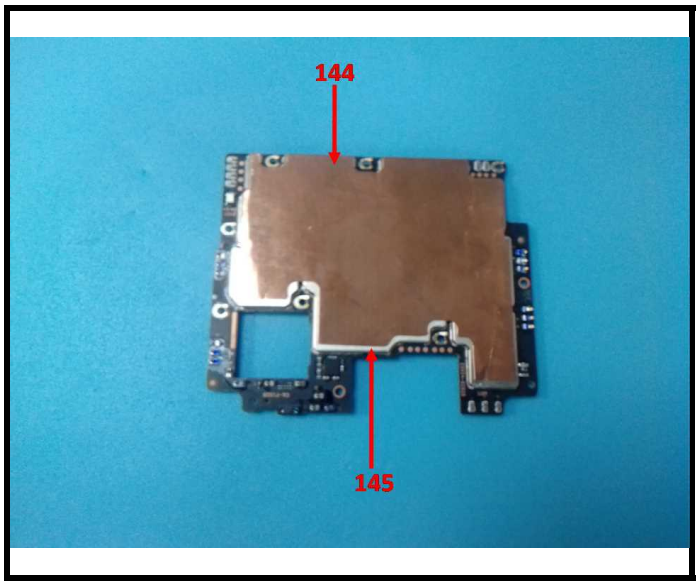
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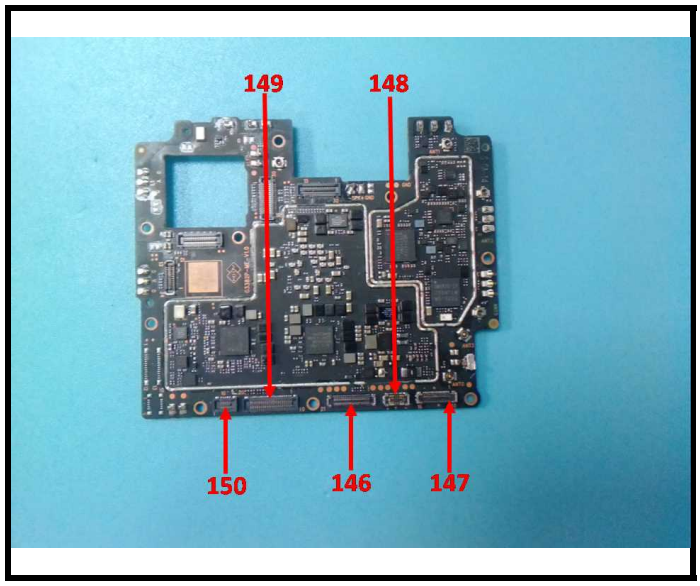
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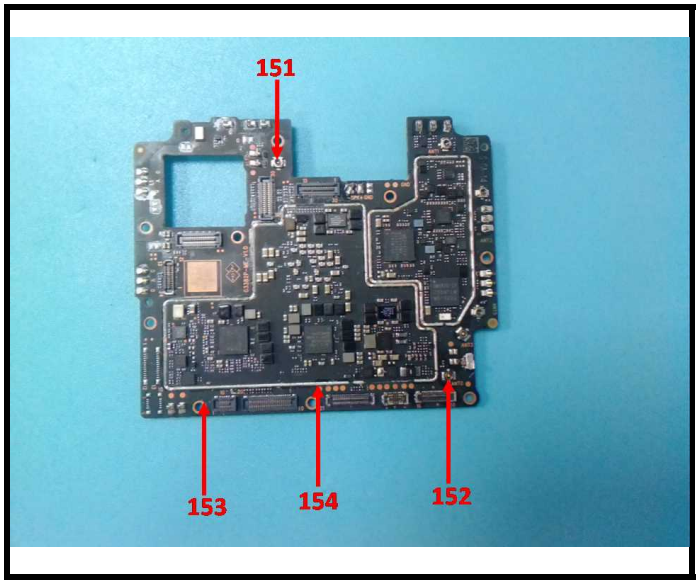
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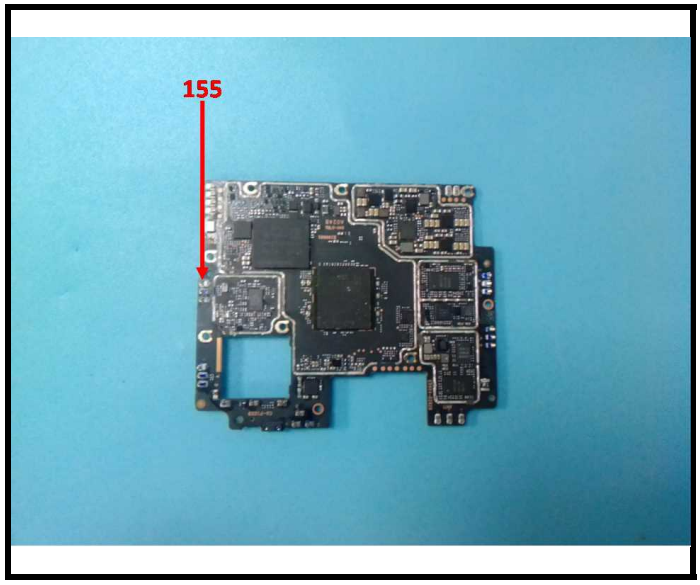
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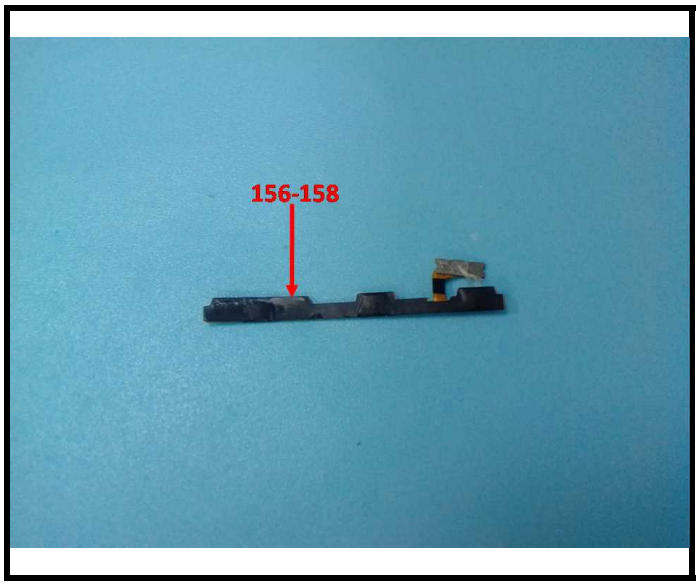
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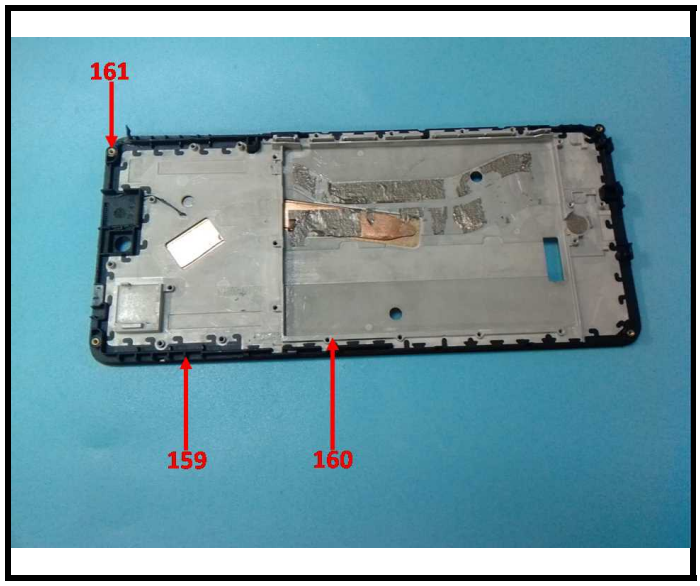
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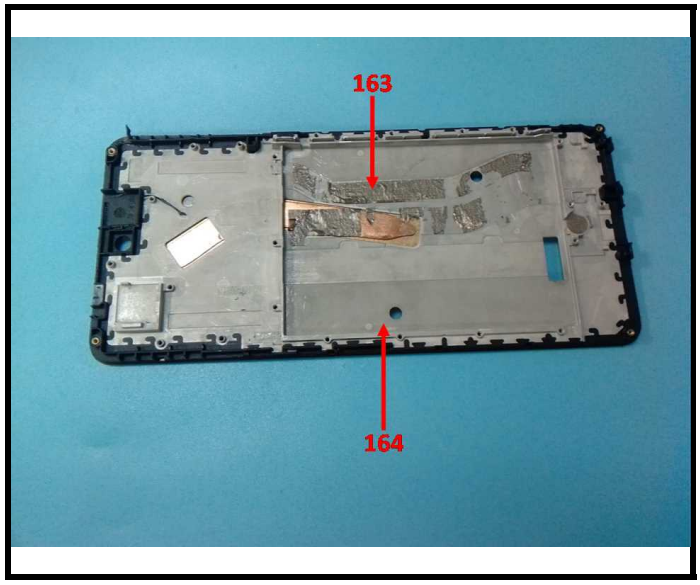
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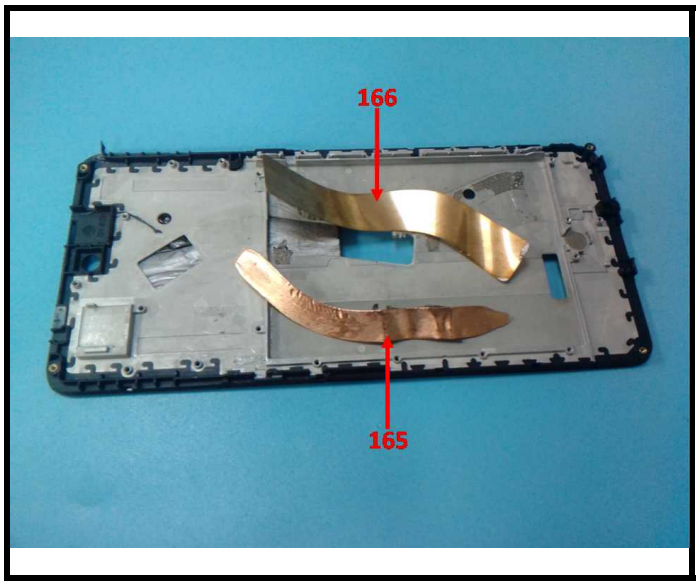
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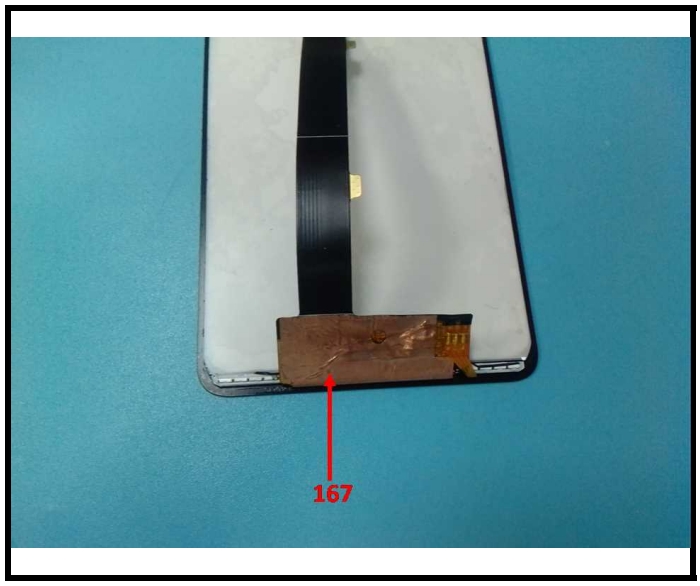
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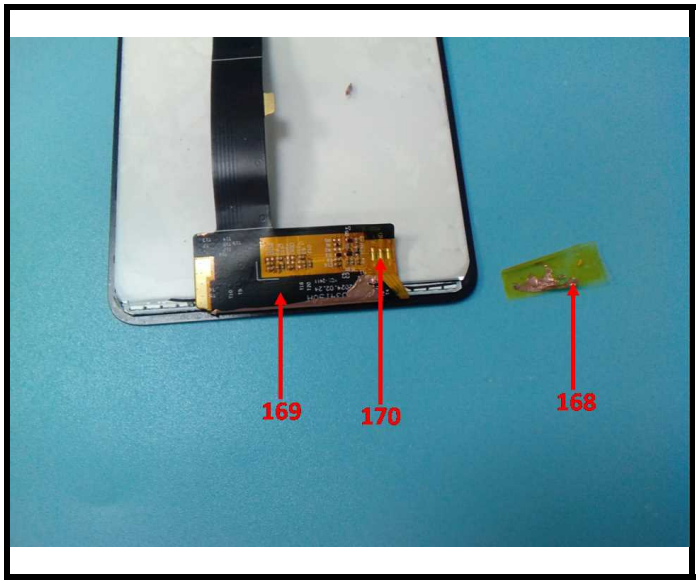
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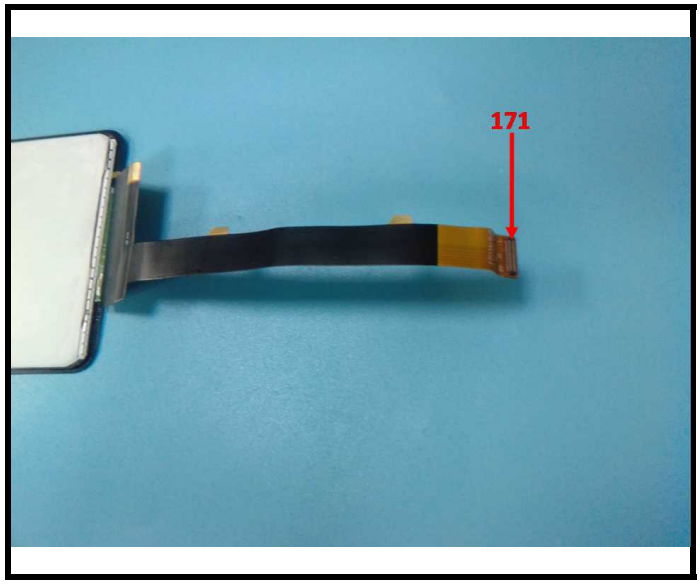
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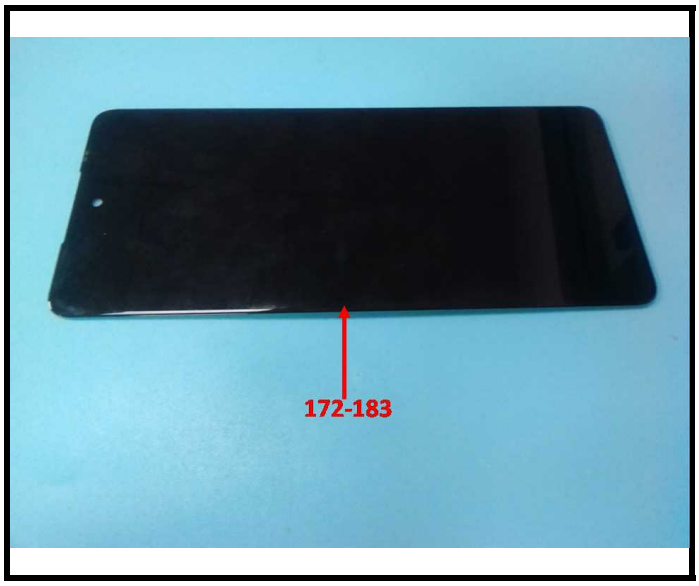
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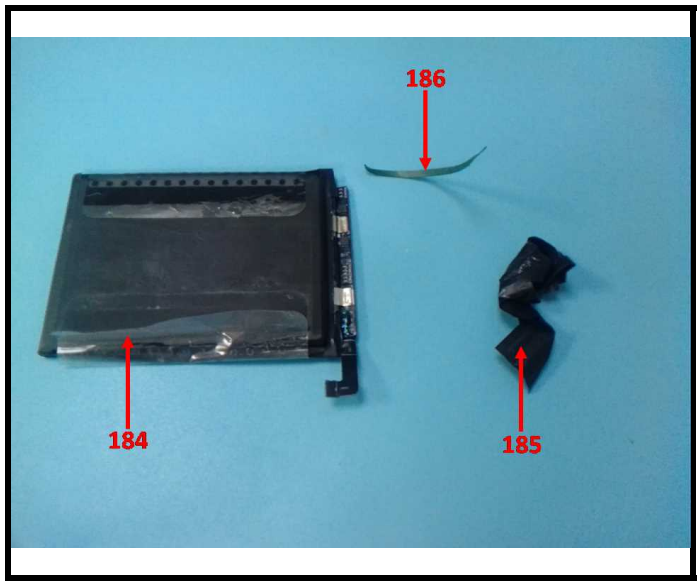
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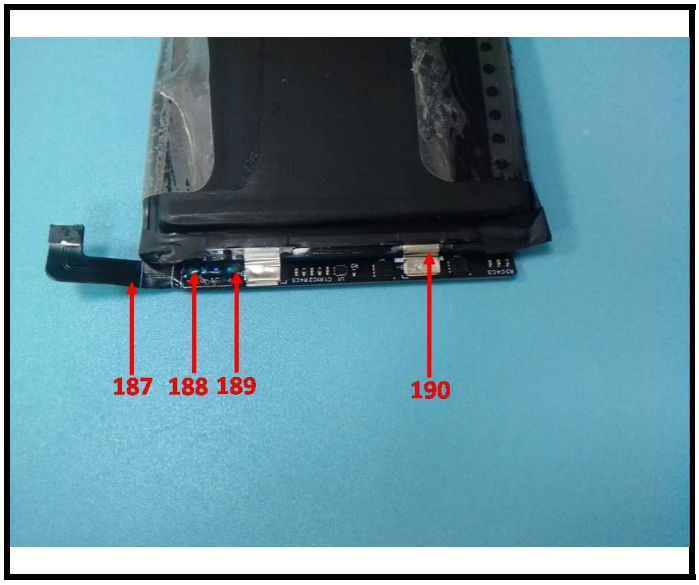
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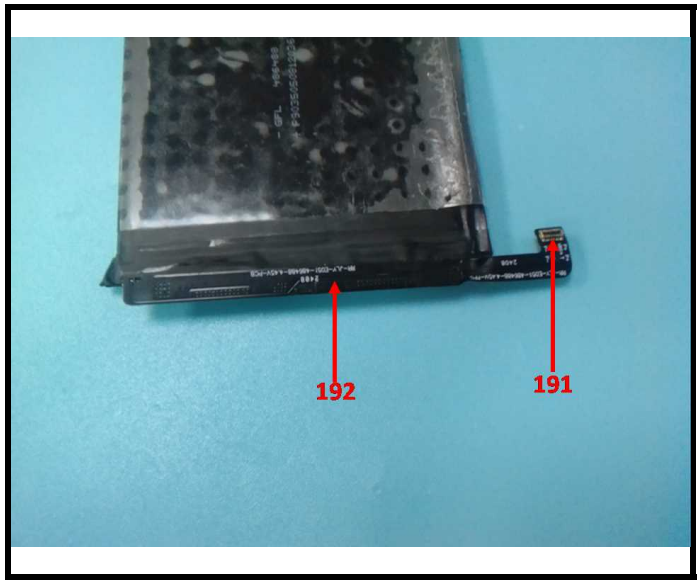
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*** End of Report ***