



TEST REPORT

APPLICANT : Shenzhen Chainway Information Technology Co.,Ltd.

PRODUCT NAME : Mobile Data Terminal

MODEL NAME : C72

BRAND NAME : CHAINWAY

TEST REQUEST : Test as requested by client

TEST DATE : 2018-06-11 to 2018-07-04

ISSUE DATE : 2018-07-06

CONCLUSION : Based on the performed tests on submitted sample, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls(PBBs), Polybrominated diphenyl ethers (PBDEs) comply with the limits as set by RoHS Directive (EU)2015/863 amending Annex II to Directive 2011/65/EU

Tested by : Liu Rui
Liu Rui(Test engineer)

Approved by : Xiaoshan Ni
Xiaoshan Ni (Supervisor)

NOTE: This document is issued by MORLAB, the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.



DIRECTORY

Test report declaration	2
1. Technical information	3
1.1 applicant information	3
2. Component description	3
3. Test methods	23
3.1. Screening test by xrf spectroscopy	23
3.2. Chemical test	23
4. Test results and photographs of sample	24
ANNEX A Photographs of the EUT	88
ANNEX B General Information	89



1. Technical Information

Note: Provided by applicant

1.1. Applicant Information

Applicant Shenzhen Chainway Information Technology Co.,Ltd.
Applicant Address 9/F, Building 2, Daqian Industrial Park, Longchang Rd., District 67, Bao'an, Shenzhen
Manufacturer Shenzhen Chainway Information Technology Co.,Ltd.
Manufacturer Address 9/F, Building 2, Daqian Industrial Park, Longchang Rd., District 67, Bao'an, Shenzhen

2. Component Description

Part No.	Sample No.	Sample Description	Sample Material
1	A	MOBILE DATA TERMINAL	
2	A-1	SCREE FILM	POLYMER
3	A-2	WHITE PASTER	COMPOSITE
4	A-3	BLACK GLUE	COMPOSITE
5	A-4	SILVER METAL SCREW	METAL
6	A-5	BLACK METAL SCREW	METAL
7	A-6	SILVER CONDUCTIVE FABRIC	COMPOSITE
8	A-7	BLACK GLUE	COMPOSITE
9	A-8	GOLDEN METAL PIN	METAL
10	A-9	BACK COVER	
11	A-9-1	SIM/TF CARD PLASTIC BAFFLE	POLYMER
12	A-9-2	ORANGE PLASTIC BUTTON	POLYMER
13	A-9-3	GRAY PLASTIC BUTTON	POLYMER



Part No.	Sample No.	Sample Description	Sample Material
14	A-9-4	BLACK SILICON GEL	POLYMER
15	A-9-5	BLACK GLASS BAFFLE	COMPOSITE
16	A-9-6	CAMERA GLASS BAFFLE	COMPOSITE
17	A-9-7	FLASHLIGHT PLASTIC BAFFLE	POLYMER
18	A-9-8	COPPER NUT	METAL
19	A-9-9	BLACK PLASTIC	POLYMER
20	A-10	SPEAKER	
21	A-10-1	SILVER DUST MESH	COMPOSITE
22	A-10-2	BLACK RUBBER	POLYMER
23	A-10-3	BLACK PASTER	COMPOSITE
24	A-10-4	TIN PAPER	COMPOSITE
25	A-10-5	COPPER COIL	METAL
26	A-10-6	SILVER METAL	METAL
27	A-10-7	LIGHT SILVER METAL MAGNET	METAL
28	A-10-8	BLACK PLASTIC	POLYMER
29	A-10-9	METAL PIN	METAL
30	A-10-10	BLACK WIRE SHEATH	POLYMER
31	A-10-11	SILVER METAL WIRE	METAL
32	A-10-12	SOLDERING TIN	METAL
33	A-10-13	PCB	COMPOSITE
34	A-11	Type-C INTERFACE & MICROPHONE	



Part No.	Sample No.	Sample Description	Sample Material
35	A-11-1	BLACK RUBBER	POLYMER
36	A-11-2	SILVER METAL	METAL
37	A-11-3	BLACK PLASTIC	POLYMER
38	A-11-4	METAL PIN	METAL
39	A-11-5	MICROPHONE	COMPOSITE
40	A-11-6	DIODE	COMPOSITE
41	A-11-7	SMD CAPACITOR	COMPOSITE
42	A-11-8	SMD RESISTOR	COMPOSITE
43	A-11-9	SOLDERING TIN	METAL
44	A-11-10	PCB	COMPOSITE
45	A-11-11	GOLDEN METAL PIN	METAL
46	A-12	PCB MODULE	
47	A-12-1	BLACK PLASTIC PEDESTAL	POLYMER
48	A-12-2	GOLDEN METAL	METAL
49	A-12-3	IC	COMPOSITE
50	A-12-4	IC	COMPOSITE
51	A-12-5	RELAY	COMPOSITE
52	A-12-6	GRAY CERAMIC INDUCTOR	COMPOSITE
53	A-12-7	CAPACITOR	COMPOSITE
54	A-12-8	SMD CAPACITOR	COMPOSITE
55	A-12-9	SMD RESISTOR	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
56	A-12-10	SOLDERING TIN	METAL
57	A-12-11	PCB	COMPOSITE
58	A-13	LIGHT SENSATION MODULE	
59	A-13-1	BLACK PLASTIC	POLYMER
60	A-13-2	BLACK SPONGE	COMPOSITE
61	A-13-3	BLACK PLASTIC	POLYMER
62	A-13-4	SILVER GRAY METAL	METAL
63	A-13-5	TRANSPARENT PLASTIC BAFFLE	POLYMER
64	A-13-6	LENS	COMPOSITE
65	A-13-7	BLACK PLASTIC	POLYMER
66	A-13-8	OPTIC GLASS	COMPOSITE
67	A-13-9	BLACK PAPER WASHER	COMPOSITE
68	A-13-10	TRANSPARENT PLASTIC	POLYMER
69	A-13-11	BLACK GLASS	COMPOSITE
70	A-13-12	LED	COMPOSITE
71	A-13-13	LED	COMPOSITE
72	A-13-14	IC	COMPOSITE
73	A-13-15	IC	COMPOSITE
74	A-13-16	IC	COMPOSITE
75	A-13-17	IC	COMPOSITE
76	A-13-18	IC	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
77	A-13-19	INDUCTOR	COMPOSITE
78	A-13-20	RESISTOR	COMPOSITE
79	A-13-21	SMD CAPACITOR	COMPOSITE
80	A-13-22	SMD RESISTOR	COMPOSITE
81	A-13-23	SOLDERING TIN	METAL
82	A-13-24	PCB	COMPOSITE
83	A-14	CAMERA	
84	A-14-1	SILVER METAL	METAL
85	A-14-2	SILVER METAL MAGNET	METAL
86	A-14-3	METAL WIRE	METAL
87	A-14-4	COPPER COIL	METAL
88	A-14-5	BLACK PLASTIC	POLYMER
89	A-14-6	BLACK METAL WASHER	METAL
90	A-14-7	BLACK PAPER WAHSER	COMPOSITE
91	A-14-8	TRANSPARENT PLASTIC	POLYMER
92	A-14-9	OPTIC GLASS	COMPOSITE
93	A-14-10	BLACK GLASS	COMPOSITE
94	A-14-11	IC	COMPOSITE
95	A-14-12	SMD CAPACITOR	COMPOSITE
96	A-14-13	LED	COMPOSITE
97	A-14-14	SILVER METAL	METAL



Part No.	Sample No.	Sample Description	Sample Material
98	A-14-15	BASEBAND	COMPOSITE
99	A-14-16	BLACK PLASTIC BAFFLE	POLYMER
100	A-14-17	BEIGE PLASTIC	POLYMER
101	A-14-18	METAL PIN	METAL
102	A-15	PCB MODULE	
103	A-15-1	SILVER METAL COVER	METAL
104	A-15-2	SILVER METAL POLE	METAL
105	A-15-3	SILVER METAL SLIP SHEET	METAL
106	A-15-4	BLACK PLASTIC	POLYMER
107	A-15-5	METAL PIN	METAL
108	A-15-6	METAL PIN	METAL
109	A-15-7	BLACK PLASTIC BAFFLE	POLYMER
110	A-15-8	GRAY PLASTIC	POLYMER
111	A-15-9	METAL PIN	METAL
112	A-15-10	IC	COMPOSITE
113	A-15-11	IC	COMPOSITE
114	A-15-12	IC	COMPOSITE
115	A-15-13	DIODE	COMPOSITE
116	A-15-14	GRAY CERAMIC INDUCTOR	COMPOSITE
117	A-15-15	CAPACITOR	COMPOSITE
118	A-15-16	CAPACITOR	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
119	A-15-17	RESISTOR	COMPOSITE
120	A-15-18	SMD CAPACITOR	COMPOSITE
121	A-15-19	SMD RESISTOR	COMPOSITE
122	A-15-20	SOLDERING TIN	METAL
123	A-15-21	PCB	COMPOSITE
124	A-16	BUTTON	
125	A-16-1	TRANSPARENT FILM	POLYMER
126	A-16-2	SHRAPNEL	METAL
127	A-16-3	BLACK PLASTIC	POLYMER
128	A-16-4	METAL PIN	METAL
129	A-16-5	WHITE GLUE	COMPOSITE
130	A-16-6	PCB BASE PLATE	COMPOSITE
131	A-16-7	BASEBAND	COMPOSITE
132	A-17	RF LINE	
133	A-17-1	GOLDEN METAL	METAL
134	A-17-2	BLACK WIRE SHEATH	POLYMER
135	A-17-3	SILVER METAL WIRE	METAL
136	A-17-4	TRANSPARENT PLASTIC SLEEVING	POLYMER
137	A-17-5	LIGHT SILVER METAL WIRE	METAL
138	A-17-6	RF LINE INTERFACE	METAL
139	A-18	FUNCTION SELECTION BUTTON	



Part No.	Sample No.	Sample Description	Sample Material
140	A-18-1	BLACK PLASTIC BUTTON	POLYMER
141	A-18-2	TRANSPARENT RUBBER	POLYMER
142	A-18-3	IC	COMPOSITE
143	A-18-4	SMD CAPACITOR	COMPOSITE
144	A-18-5	SMD RESISTOR	COMPOSITE
145	A-18-6	SOLDERING TIN	METAL
146	A-18-7	PCB	COMPOSITE
147	A-19	FRONT COVER	
148	A-19-1	BLACK PLASTIC FRAME	POLYMER
149	A-19-2	SILVER GRAY METAL	METAL
150	A-19-3	BLACK GLUE	COMPOSITE
151	A-19-4	BLACK RUBBER	POLYMER
152	A-19-5	SILVER SPONGE	COMPOSITE
153	A-19-6	LIGHT SENSATION COVER	POLYMER
154	A-19-7	TRANSPARENT PLASTIC BAFFLE	POLYMER
155	A-20	EARPHONE	
156	A-20-1	SILVER METAL DECORATE SHEET	METAL
157	A-20-2	SILVER METAL COVER	METAL
158	A-20-3	SILVER METAL WASHER	METAL
159	A-20-4	PLASTIC FILM	POLYMER
160	A-20-5	ROSE RED COIL	METAL



Part No.	Sample No.	Sample Description	Sample Material
161	A-20-6	BLACK PLASTIC	POLYMER
162	A-20-7	METAL PIN	METAL
163	A-20-8	LIGHT SILVER METAL	METAL
164	A-20-9	LIGHT SILVER METAL MAGNET	METAL
165	A-21	LCD SCREEN	
166	A-21-1	TOUCH SCREEN	COMPOSITE
167	A-21-2	DISPLAY SCREEN	COMPOSITE
168	A-21-3	REFLECTIVE FILM	POLYMER
169	A-21-4	REFLECTIVE FILM	POLYMER
170	A-21-5	WHITE FILM	POLYMER
171	A-21-6	TRANSPARENT PLASTIC	POLYMER
172	A-21-7	SILVER FILM	POLYMER
173	A-21-8	WHITE PLASTIC FRAME	POLYMER
174	A-21-9	BLACK GLUE	COMPOSITE
175	A-21-10	LED	COMPOSITE
176	A-21-11	IC	COMPOSITE
177	A-21-12	IC	COMPOSITE
178	A-21-13	DIODE	COMPOSITE
179	A-21-14	SMD CAPACITOR	COMPOSITE
180	A-21-15	SMD RESISTOR	COMPOSITE
181	A-21-16	SILVER METAL	METAL



Part No.	Sample No.	Sample Description	Sample Material
182	A-21-17	BASEBAND	COMPOSITE
183	A-22	SHIELDING COVER	METAL
184	A-23	PCB MODULE	
185	A-23-1	IC	COMPOSITE
186	A-23-2	IC	COMPOSITE
187	A-23-3	IC	COMPOSITE
188	A-23-4	IC	COMPOSITE
189	A-23-5	IC	COMPOSITE
190	A-23-6	IC	COMPOSITE
191	A-23-7	IC	COMPOSITE
192	A-23-8	IC	COMPOSITE
193	A-23-9	IC	COMPOSITE
194	A-23-10	IC	COMPOSITE
195	A-23-11	IC	COMPOSITE
196	A-23-12	IC	COMPOSITE
197	A-23-13	IC	COMPOSITE
198	A-23-14	IC	COMPOSITE
199	A-23-15	IC	COMPOSITE
200	A-23-16	BLUE IC	COMPOSITE
201	A-23-17	SMD CRYSTAL OSCILLATOR	COMPOSITE
202	A-23-18	DIODE	COMPOSITE
203	A-23-19	AUDION	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
204	A-23-20	INDUCTOR	COMPOSITE
205	A-23-21	GRAY CERAMIC INDUCTOR	COMPOSITE
206	A-23-22	GRAY CERAMIC INDUCTOR	COMPOSITE
207	A-23-23	GRAY CERAMIC INDUCTOR	COMPOSITE
208	A-23-24	BLACK CERAMIC INDUCTOR	COMPOSITE
209	A-23-25	CAPACITOR	COMPOSITE
210	A-23-26	RORESISTOR	COMPOSITE
211	A-23-27	0 RESISTOR	COMPOSITE
212	A-23-28	SMD CAPACITOR	COMPOSITE
213	A-23-29	SMD RESISTOR	COMPOSITE
214	A-23-30	SOLDERING TIN	METAL
215	A-23-31	PCB	COMPOSITE
216	A-23-32	LIGHT SENSATION MODULE	COMPOSITE
217	A-23-33	LED	COMPOSITE
218	A-23-34	BLACK PLASTIC	POLYMER
219	A-23-35	METAL PIN	METAL
220	A-23-36	METAL PIN	METAL
221	A-24	BATTERY	
222	A-24-1	BLACK SILICA GEL	POLYMER
223	A-24-2	CLAYBANK GLUE	COMPOSITE
224	A-24-3	IC	COMPOSITE
225	A-24-4	IC	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
226	A-24-5	RESISTOR	COMPOSITE
227	A-24-6	RESISTOR	COMPOSITE
228	A-24-7	SMD CAPACITOR	COMPOSITE
239	A-24-8	SMD RESISTOR	COMPOSITE
230	A-24-9	SOLDERING TIN	METAL
231	A-24-10	SILVER METAL	METAL
232	A-24-11	PCB	COMPOSITE
233	A-24-12	LABEL	COMPOSITE
234	A-24-13	BATTERY COVER	METAL
235	A-24-14	BLUE FILM	POLYMER
236	A-24-15	TRANSPARENT FILM	POLYMER
237	A-24-16	ALUMINUM FOIL	COMPOSITE
238	A-24-17	WHITE PLASTIC	POLYMER
239	A-24-18	ELECTROLYTIC PAPER	COMPOSITE
240	A-24-19	FUSE	METAL
241	A-25	MAGCARD INDUCTOR	COMPOSITE
242	A-25-1	BLACK METAL SCREW	METAL
243	A-25-2	SILVER METAL SCREW	METAL
244	A-25-3	BLACK PLASTIC COVER PLATE	POLYMER
245	A-25-4	BLACK PLASTIC UPPER COVER	POLYMER
246	A-25-5	BLACK METAL LOWER COVER	POLYMER
247	A-25-6	BLACK TAPE	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
248	A-25-7	COPPER NUT	METAL
249	A-25-8	DARK GRAY PLASTIC	POLYMER
250	A-25-9	GOLDEN METAL PIN	METAL
251	A-25-10	BLACK PLASTIC	POLYMER
252	A-25-11	GOLDEN METAL	METAL
253	A-25-12	BASEBAND	COMPOSITE
254	A-25-13	BLACK PLASTIC	POLYMER
255	A-25-14	WHITE PLASTIC	POLYMER
256	A-25-15	SILVER METAL PIN	METAL
257	A-25-16	CAPACITOR	COMPOSITE
258	A-25-17	SOLDERING TIN	METAL
259	A-25-18	PCB	COMPOSITE
260	A-25-19	SOLDERING TIN	METAL
261	A-25-20	PCB	COMPOSITE
262	A-25-21	SHIELDING COVER	METAL
263	A-25-22	SILVER METAL	METAL
264	A-25-23	SILVER METAL	METAL
265	A-25-24	GOLDEN METAL	METAL
266	A-25-25	BLACK HEAT SHRINK TUBING	POLYMER
267	A-25-26	SILVER METAL COVER	METAL
268	A-25-27	BROWNESS SKIN	POLYMER



Part No.	Sample No.	Sample Description	Sample Material
269	A-25-28	SILVER METAL WIRE	METAL
270	A-25-29	TRANSPARENT PLASTIC SLEEVING	POLYMER
271	A-25-30	LIGHT SILVER METAL WIRE	METAL
272	A-25-31	IC	COMPOSITE
273	A-25-32	IC	COMPOSITE
274	A-25-33	IC	COMPOSITE
275	A-25-34	IC	COMPOSITE
276	A-25-35	IC	COMPOSITE
277	A-25-36	BROWN IC	COMPOSITE
278	A-25-37	WHITE IC	COMPOSITE
279	A-25-38	SMD CRYSTAL OSCILLATOR	COMPOSITE
280	A-25-39	AUDION	COMPOSITE
281	A-25-40	INDUCTOR	COMPOSITE
282	A-25-41	BLACK CERAMIC INDUCTOR	COMPOSITE
283	A-25-42	METAL WIRE	METAL
284	A-25-43	MAGNETIC BEAD	COMPOSITE
285	A-25-44	CAPACITOR	COMPOSITE
286	A-25-45	CAPACITOR	COMPOSITE
287	A-25-46	CAPACITOR	COMPOSITE
288	A-25-47	RESISTOR	COMPOSITE
289	A-25-48	SMD CAPACITOR	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
290	A-25-49	SMD RESISTOR	COMPOSITE
291	A-25-50	SOLDERING TIN	METAL
292	A-25-51	COPPER FOIL	METAL
293	A-25-52	PCB	COMPOSITE
294	A-26	HANDLE	
295	A-26-1	BLACK GLUE	COMPOSITE
296	A-26-2	BLACK SILICA GEL	POLYMER
297	A-26-3	BLACK RUBBER	POLYMER
298	A-26-4	SILVER METAL SCREW	METAL
299	A-26-5	SPRING	METAL
300	A-26-6	SPRING	METAL
301	A-26-7	BLACK PLASTIC COVER	POLYMER
302	A-26-8	WHITE FILM	POLYMER
303	A-26-9	SHRAPNEL	METAL
304	A-26-10	SOLDERING TIN	METAL
305	A-26-11	PCB	COMPOSITE
306	A-26-12	BLUE WIRE SHEATH	POLYMER
307	A-26-13	BROWNESS WIRE SHEATH	POLYMER
308	A-26-14	SILVER METAL WIRE	METAL
309	A-26-15	BLACK PLASTIC	POLYMER
310	A-26-16	GOLDEN METAL	METAL



Part No.	Sample No.	Sample Description	Sample Material
311	A-27	CHARGER PEDESTAL	
312	A-27-1	LABEL	COMPOSITE
313	A-27-2	BLACK SILICA GEL	POLYMER
314	A-27-3	BLACK PLASTIC COVER	POLYMER
315	A-27-4	WHITE RUBBER BAFFLE	POLYMER
316	A-27-5	SILVER METAL FRMAE	METAL
317	A-27-6	BLACK PLASTIC	POLYMER
318	A-27-7	BLACK SPONGE	COMPOSITE
319	A-27-8	GOLDEN METAL	METAL
320	A-27-9	SPRING	METAL
321	A-27-10	PCB	COMPOSITE
322	A-27-11	RED WIRE SHEATH	POLYMER
323	A-27-12	BLACK WIRE SHEATH	POLYMER
324	A-27-13	SILVER METAL WIRE	METAL
325	A-27-14	RED LED	COMPOSITE
326	A-27-15	SILVER METAL COVER	METAL
327	A-27-16	BLACK PLASTIC	POLYMER
328	A-27-17	METAL PIN	METAL
329	A-27-18	DIODE	COMPOSITE
330	A-27-19	CAPACITOR	COMPOSITE
331	A-27-20	CAPACITOR	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
332	A-27-21	RESISTOR	COMPOSITE
333	A-27-22	SMD CAPACITOR	COMPOSITE
334	A-27-23	SMD RESISTOR	COMPOSITE
335	A-27-24	SOLDERING TIN	METAL
336	A-27-25	PCB	COMPOSITE
337	B	ADAPTER	
338	B-1	BLACK PLASTIC COVER	POLYMER
339	B-2	SILVER METAL PLUG	METAL
340	B-3	RED WIRE SHEATH	POLYMER
341	B-4	BLACK WIRE SHEATH	POLYMER
342	B-5	SILVER METAL WIRE	METAL
343	B-6	ELECTROLYTIC CAPACITOR	
344	B-6-1	BLACK PLASTIC SKIN	POLYMER
345	B-6-2	ALUMINUM COVER	METAL
346	B-6-3	BLACK RUBBER	POLYMER
347	B-6-4	ELECTROLYTE	COMPOSITE
348	B-6-5	ELECTRODE	METAL
349	B-7	ELECTROLYTIC CAPACITOR	
350	B-7-1	ALUMINUM COVER	METAL
351	B-7-2	BLACK RUBBER	POLYMER
352	B-7-3	ELECTROLYTE	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
353	B-7-4	ELECTRODE	METAL
354	B-8	FUSE	
355	B-8-1	BLACK PLASTIC COVER	POLYMER
356	B-8-2	FUSE	COMPOSITE
357	B-9	INDUCTOR	
358	B-9-1	MAIN BODY	COMPOSITE
359	B-9-2	METAL PIN	METAL
360	B-10	BLUE CERAMIC CAPACITOR	COMPOSITE
361	B-11	USB INTERFACE	
362	B-11-1	SILVER METAL COVER	METAL
363	B-11-2	BLACK PLASTIC	POLYMER
364	B-11-3	METAL PIN	METAL
365	B-12	AUDION	COMPOSITE
366	B-13	TRANSFORMER	
367	B-13-1	YELLOW GLUE TAPE	COMPOSITE
368	B-13-2	COPPER FOIL	METAL
369	B-13-3	BLACK CERAMIC	COMPOSITE
370	B-13-4	BLACK PLASTIC SLEEVING	POLYMER
371	B-13-5	TRANSPARENT PLASTIC SLEEVING	POLYMER
372	B-13-6	ENAMELLED WIRE	COMPOSITE
373	B-13-7	BLACK PLASTIC	POLYMER



Part No.	Sample No.	Sample Description	Sample Material
374	B-13-8	COPPER WIRE	METAL
375	B-14	BLACK PLASTIC	POLYMER
376	B-15	WHITE GLUE	COMPOSITE
377	B-16	IC	COMPOSITE
378	B-17	BACK DIODE	COMPOSITE
379	B-18	INDUCTOR	COMPOSITE
380	B-19	DIODE	COMPOSITE
381	B-20	CAPACITOR	COMPOSITE
382	B-21	RESISTOR	COMPOSITE
383	B-22	SOLDERING TIN	METAL
384	B-23	PCB	COMPOSITE
385	C	DATA LINE	
386	C-1	BLACK RUBBER	POLYMER
387	C-2	TRANSLUCENCE PLASTIC	POLYMER
388	C-3	GOLDEN METAL COVER	METAL
389	C-4	WHITE PLASTIC	POLYMER
390	C-5	METAL PIN	METAL
391	C-6	SOLDERING TIN	METAL
392	C-7	BLACK RUBBER	POLYMER
393	C-8	TRANSLUCENCE PLASTIC	POLYMER
394	C-9	GOLDEN METAL COVER	METAL



Part No.	Sample No.	Sample Description	Sample Material
395	C-10	SOLDERING TIN	METAL
396	C-11	PCB	COMPOSITE
397	C-12	BLACK PLASTIC	POLYMER
398	C-13	SILVER METAL	METAL
399	C-14	SILVER METAL	METAL
400	C-15	METAL PIN	METAL
401	C-16	BLACK WIRE SHEATH	POLYMER
402	C-17	TIN PAPER	COMPOSITE
403	C-18	SILVER METAL WIRE	METAL
404	C-19	RED WIRE SHEATH	POLYMER
405	C-20	GREEN WIRE SHEATH	POLYMER
406	C-21	BLACK WIRE SHEATH	POLYMER
407	C-22	WHITE WIRE SHEATH	POLYMER
408	C-23	SILVER METAL WIRE	METAL

3. Test Methods

3.1. Screening test by XRF spectroscopy

XRF screening limits in mg/kg for regulated elements according to IEC 62321-3-1:2013

Element	Polymer	Metal	Composite Materials
Cd	$P \leq 70 - 3\sigma < D < 130 + 3\sigma \leq F$	$P \leq 70 - 3\sigma < D < 130 + 3\sigma \leq F$	$P \leq 50 - 3\sigma < D < 150 + 3\sigma \leq F$
Pb	$P \leq 700 - 3\sigma < D < 1300 + 3\sigma \leq F$	$P \leq 700 - 3\sigma < D < 1300 + 3\sigma \leq F$	$P \leq 500 - 3\sigma < D < 1500 + 3\sigma \leq F$
Hg	$P \leq 700 - 3\sigma < D < 1300 + 3\sigma \leq F$	$P \leq 700 - 3\sigma < D < 1300 + 3\sigma \leq F$	$P \leq 500 - 3\sigma < D < 1500 + 3\sigma \leq F$
Br	$P \leq 300 - 3\sigma < D$	-	$P \leq 250 - 3\sigma < D$
Cr	$P \leq 700 - 3\sigma < D$	$P \leq 700 - 3\sigma < D$	$P \leq 500 - 3\sigma < D$

Note: P = PASS

F = FAIL

The symbol "D" marks the region where further investigation is necessary.

3.2. Chemical Test

If XRF screening result is in the region of D, chemical test is used to determine the hazardous substances

Test item	Procedure	Apparatus	MDL
Hg	With reference to IEC 62321-4:2013	ICP-OES	2 mg/kg
Cd & Pb	With reference to IEC 62321-5:2013	ICP-OES	2 mg/kg
Cr ⁶⁺	With reference to IEC 62321-7-2:2017 (For Polymer and Electronics)	UV-VIS	2 mg/kg
	With reference to IEC 62321-7-1:2015 [▲] (For Plating on Metals)		0.1 ug/cm ²
PBBs & PBDEs	With reference to IEC 62321-6:2015	GC-MS	5 mg/kg




4. Test Results and Photographs of Sample



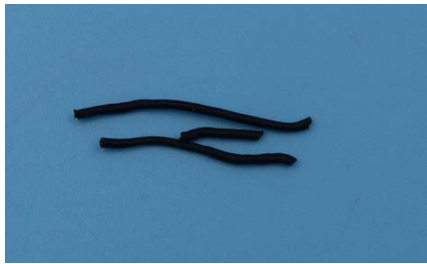

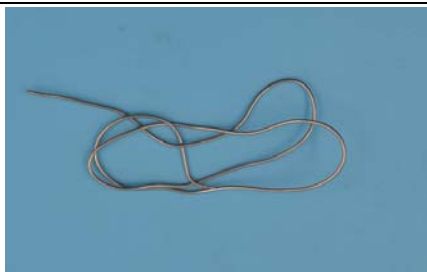
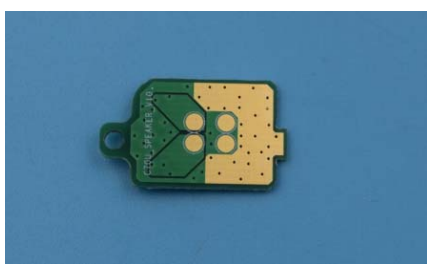
The results of XRF screening and chemical test (Unit: mg/kg)

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
1	A-1		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
2	A-2		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
3	A-3		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
4	A-4		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	1.0×10 ⁵				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
5	A-5		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	3.2×10 ⁴				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
6	A-6		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					



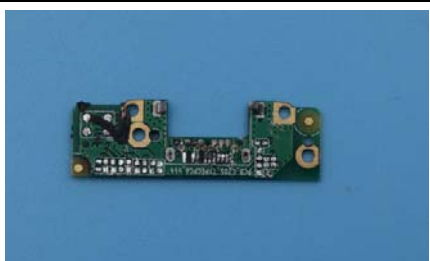
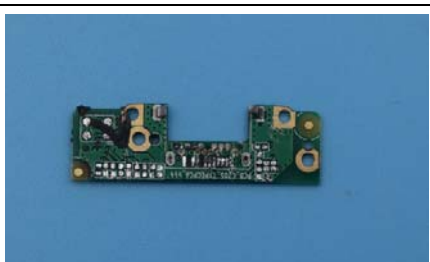


No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
7	A-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
8	A-8		Pb	1.0×10 ³	/	/	#1.5×10 ⁴
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
9	A-9-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
10	A-9-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
11	A-9-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
12	A-9-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				


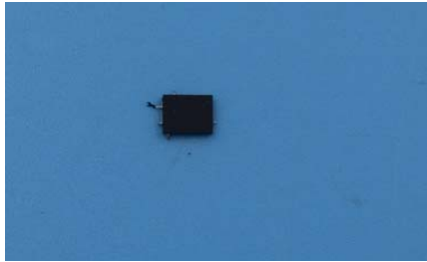
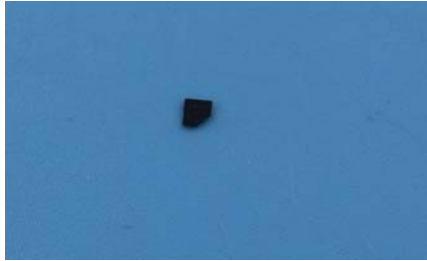
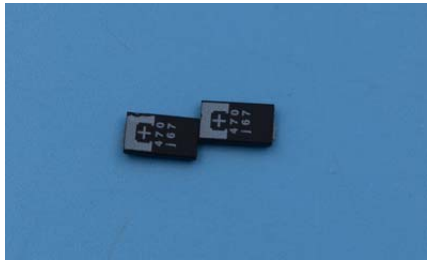
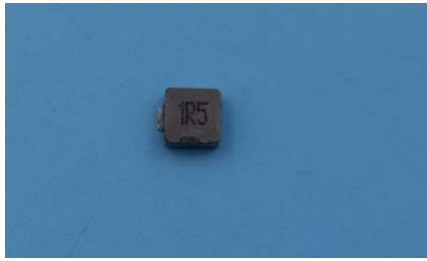
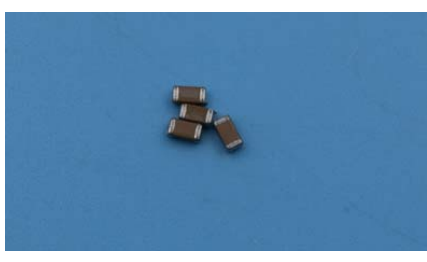
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
13	A-9-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
14	A-9-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
15	A-9-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
16	A-9-8		Pb	2.8×10 ³	/	#2.6×10 ⁴	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
17	A-9-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
18	A-10-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

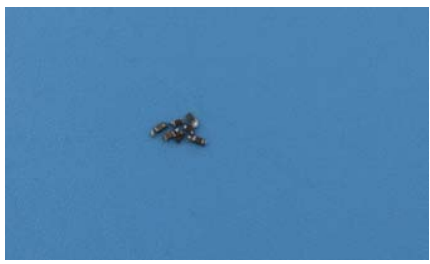

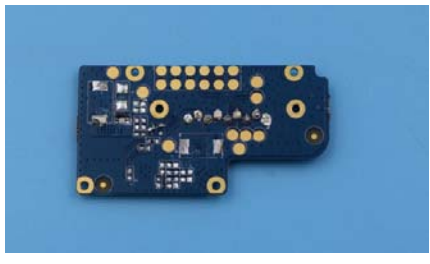
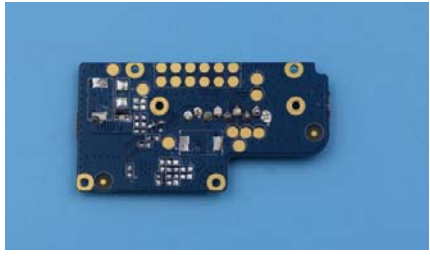


No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
19	A-10-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
20	A-10-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
21	A-10-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
22	A-10-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
23	A-10-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
24	A-10-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

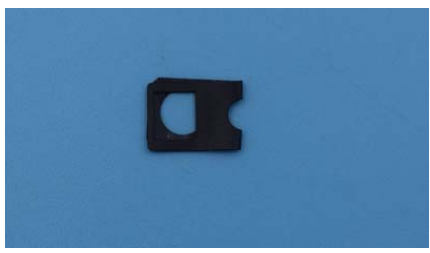
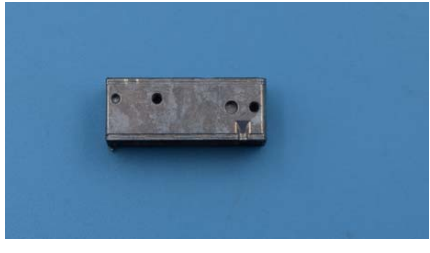

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
25	A-10-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
26	A-10-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	4.1×10 ³			
			Br	/	Negative		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
27	A-10-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
28	A-10-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
29	A-10-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
30	A-10-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	4.1×10 ³			
			Cr ⁶⁺				
			PBBs				N.D.
			PBDEs				N.D.

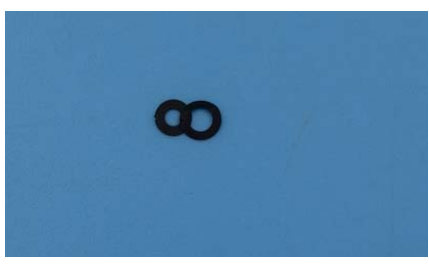
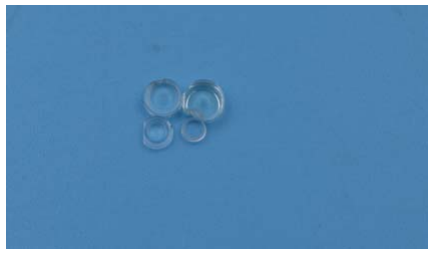
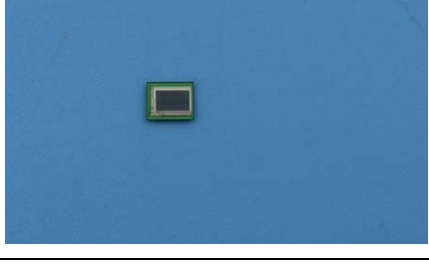
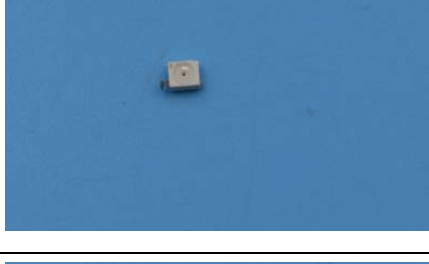
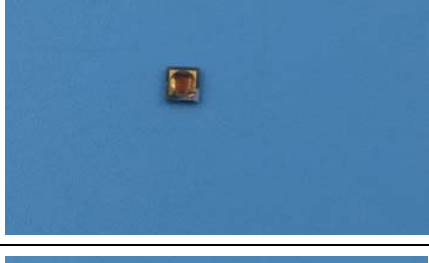
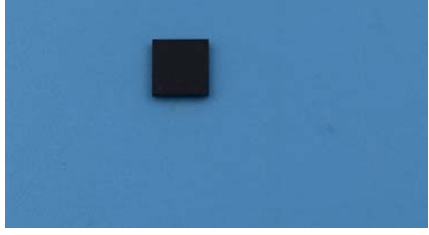
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
31	A-11-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
32	A-11-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	4.3×10 ⁴			
			Br	/	Negative		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
33	A-11-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
34	A-11-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
35	A-11-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
36	A-11-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
37	A-11-7		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
38	A-11-8		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
39	A-11-9		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
40	A-11-10		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	871.3				
			Cr ⁶⁺					
			PBBs				N.D.	
			PBDEs				N.D.	
41	A-11-11		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	2.4×10 ⁴				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
42	A-12-1		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	1.7×10 ⁴				
			Cr ⁶⁺					
			PBBs				N.D.	
			PBDEs				N.D.	

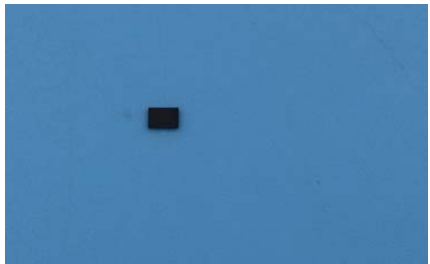
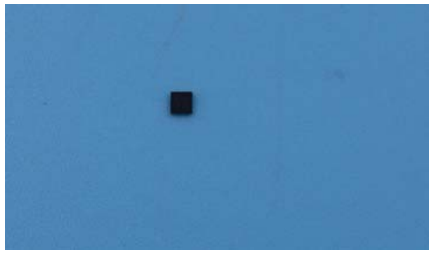
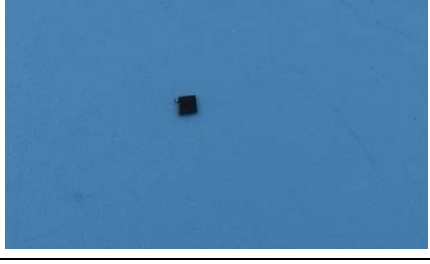


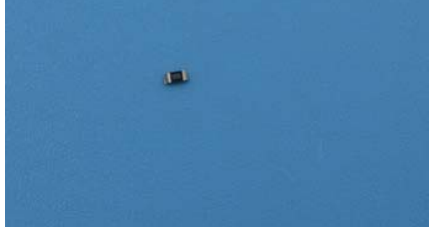
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
43	A-12-2		Pb	3.0×10 ³	/	#2.5×10 ⁴	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
44	A-12-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
45	A-12-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
46	A-12-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
47	A-12-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
48	A-12-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
49	A-12-8		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
50	A-12-9		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
51	A-12-10		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
52	A-12-11		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	1.3×10 ³				
			Cr ⁶⁺					
			PBBs					N.D.
			PBDEs					N.D.
53	A-13-1		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	525.5				
			Cr ⁶⁺					
			PBBs					N.D.
			PBDEs					N.D.
54	A-13-2		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

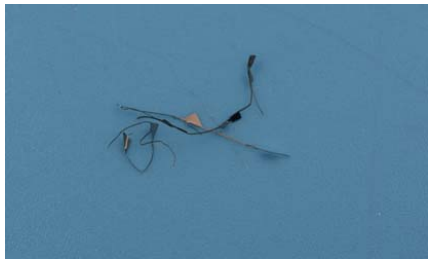



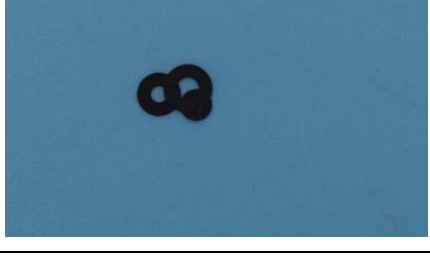

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
55	A-13-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
56	A-13-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	767.8			
			Br	/	Negative		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
57	A-13-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
58	A-13-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
59	A-13-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
60	A-13-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				


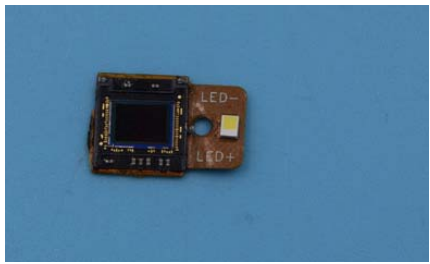
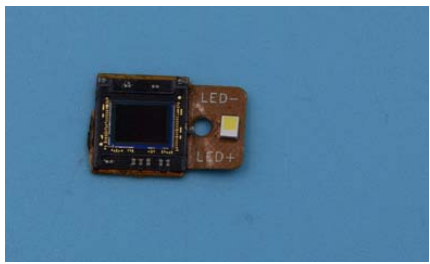
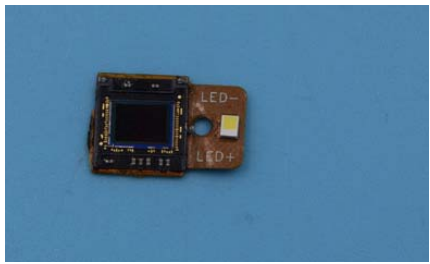
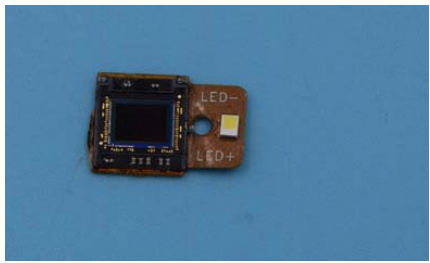
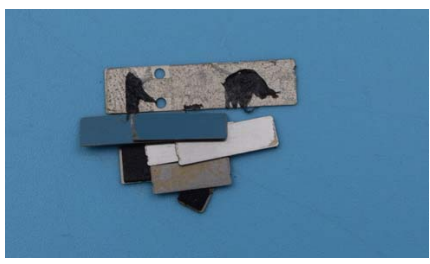
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
61	A-13-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
62	A-13-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
63	A-13-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
64	A-13-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
65	A-13-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
66	A-13-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



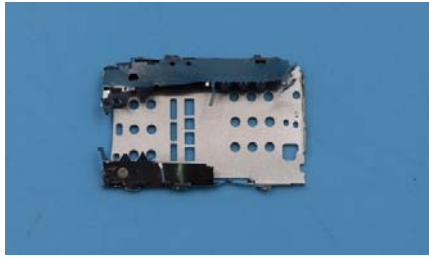






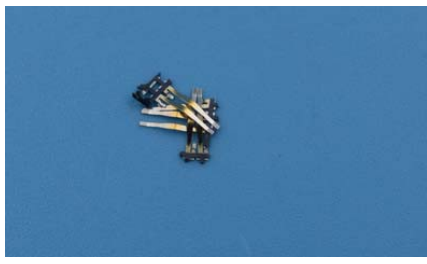

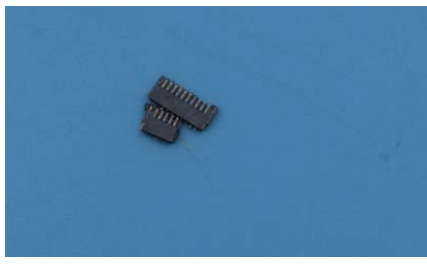
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
67	A-13-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
68	A-13-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
69	A-13-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
70	A-13-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
71	A-13-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
72	A-13-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				


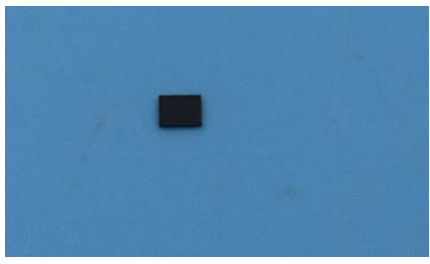
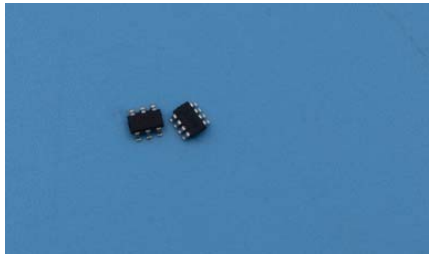

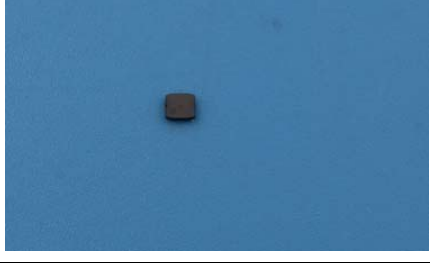
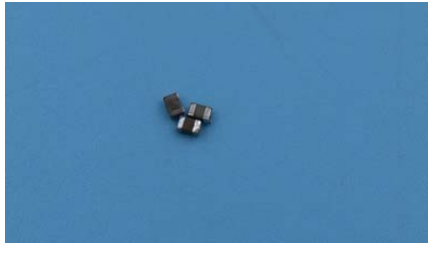
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
73	A-13-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
74	A-13-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
75	A-13-23		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
76	A-13-24		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
77	A-14-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
78	A-14-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				





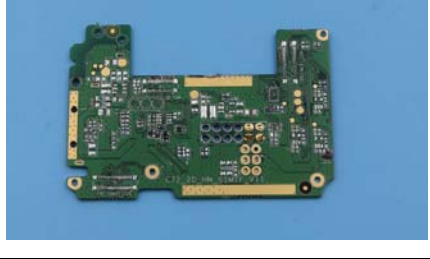
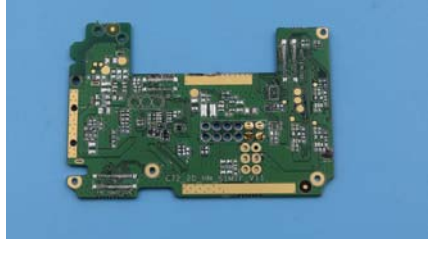
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
79	A-14-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
80	A-14-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
81	A-14-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
82	A-14-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
83	A-14-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
84	A-14-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				







No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
85	A-14-9		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
86	A-14-10		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
87	A-14-11		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
88	A-14-12		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
89	A-14-13		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	7.7×10^4				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
90	A-14-14		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	1.0×10^5				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					

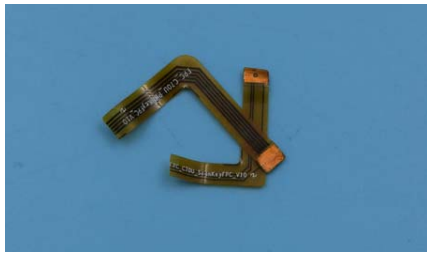



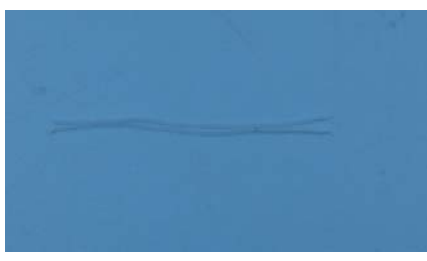

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
91	A-14-15		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
92	A-14-16		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	1.3×10 ⁴				
			Cr ⁶⁺				N.D.	
			PBBs					
			PBDEs					
93	A-14-17		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
94	A-14-18		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
95	A-15-1		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	1.5×10 ⁵				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
96	A-15-2		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	1.7×10 ³				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
97	A-15-3		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	1.1×10 ⁴				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
98	A-15-4		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
99	A-15-5		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
100	A-15-6		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
101	A-15-7		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
102	A-15-8		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

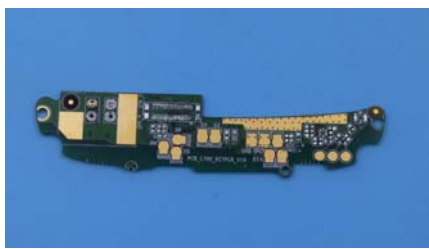
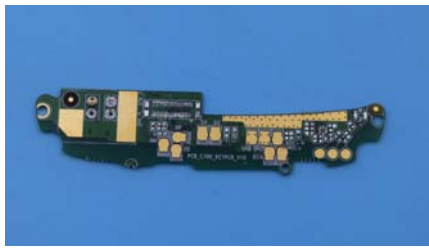




No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
103	A-15-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
104	A-15-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
105	A-15-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
106	A-15-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
107	A-15-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
108	A-15-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				





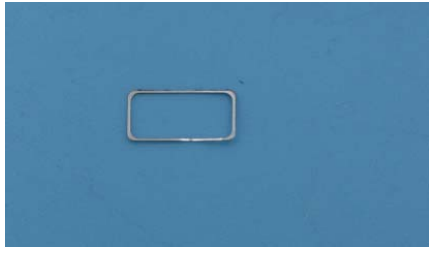
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
109	A-15-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
110	A-15-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
111	A-25-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
112	A-15-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
113	A-15-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
114	A-15-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	8.0×10 ³			
			Cr ⁶⁺				
			PBBs				N.D.
			PBDEs				N.D.

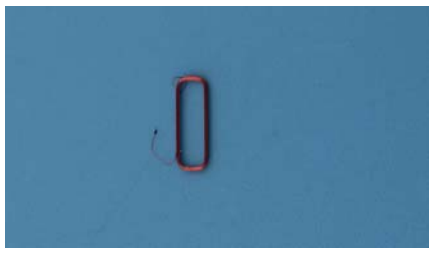

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
115	A-16-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
116	A-16-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	9.5×10 ³			
			Br	/	Negative		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
117	A-16-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
118	A-16-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
119	A-16-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
120	A-16-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				




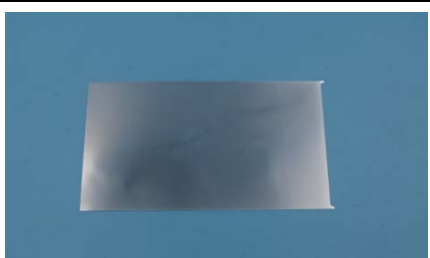

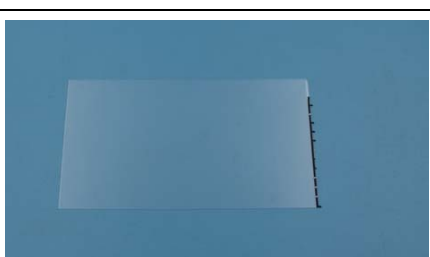
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
121	A-16-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
122	A-17-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
123	A-17-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
124	A-17-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
125	A-17-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
126	A-17-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
127	A-17-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
128	A-18-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
129	A-18-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
130	A-18-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
131	A-18-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
132	A-18-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

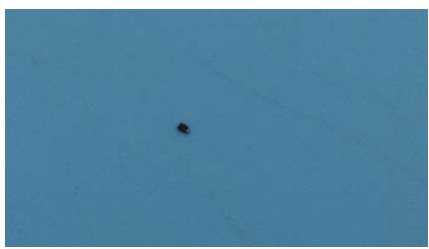


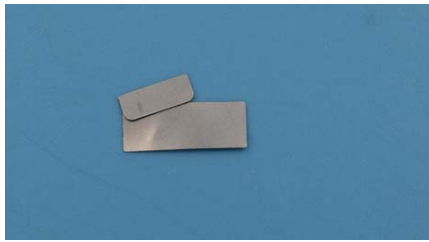


No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
133	A-18-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
134	A-18-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	2.7×10 ³			
			Cr ⁶⁺				N.D.
			PBBs				
			PBDEs				
135	A-19-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
136	A-19-2		Pb	1.3×10 ³	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
137	A-19-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
138	A-19-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

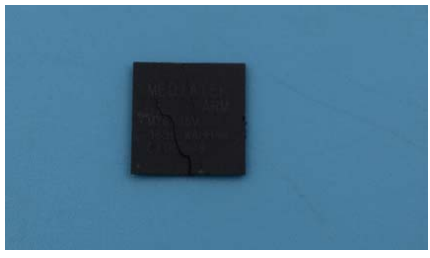
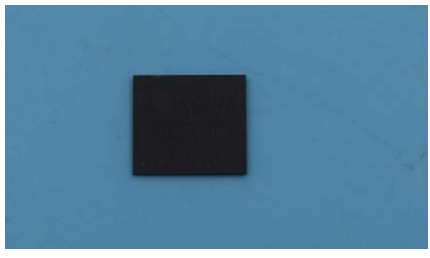
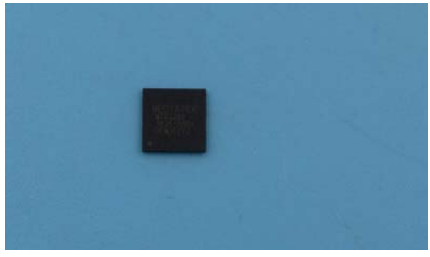
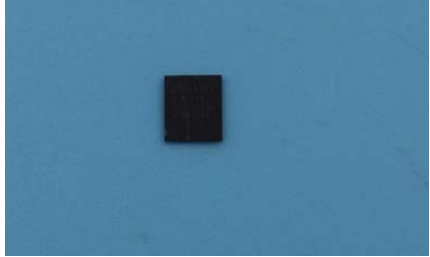
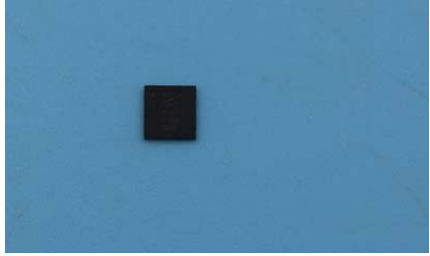
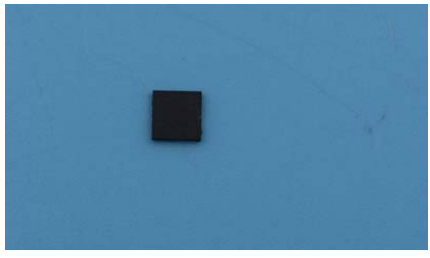
No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
139	A-19-5		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
140	A-19-6		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
141	A-19-7		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
142	A-20-1		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
143	A-20-2		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	5.9×10^4				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
144	A-20-3		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	7.0×10^3				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					

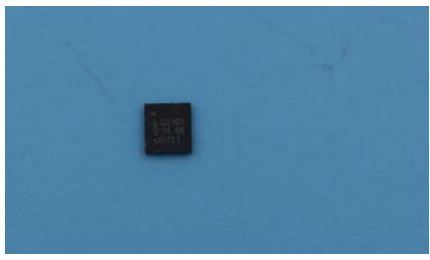
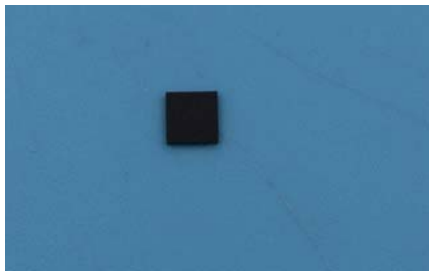
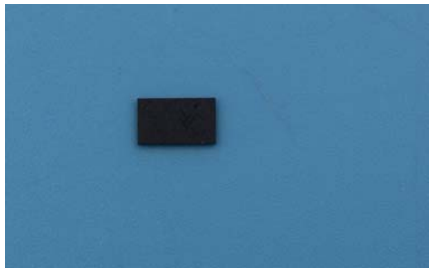
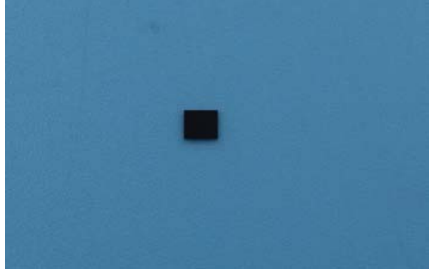
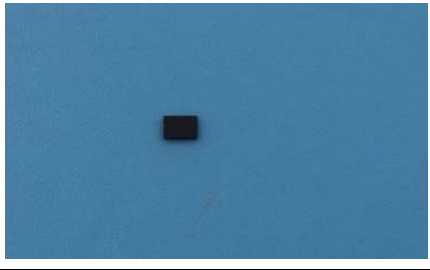

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
145	A-20-4		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
146	A-20-5		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
147	A-20-6		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
148	A-20-7		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	3.5×10 ³				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
149	A-20-8		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
150	A-20-9		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

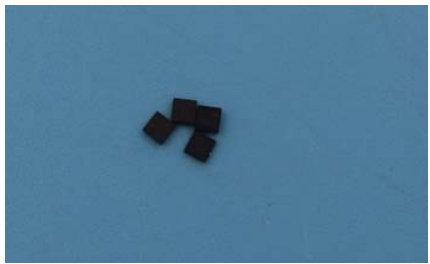

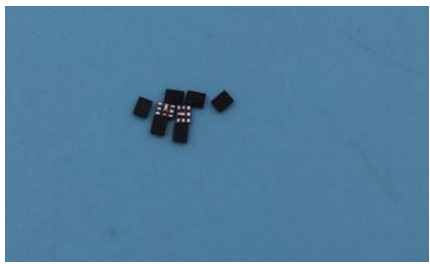

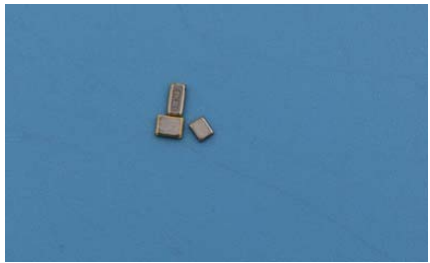

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
151	A-21-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
152	A-21-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
153	A-21-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
154	A-21-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
155	A-21-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
156	A-21-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



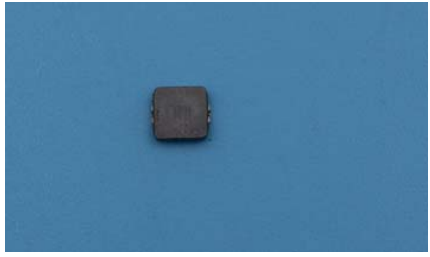


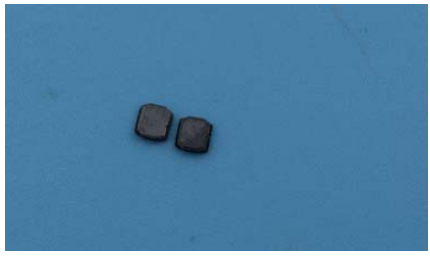
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
157	A-21-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
158	A-21-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
159	A-21-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
160	A-21-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
161	A-21-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
162	A-21-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

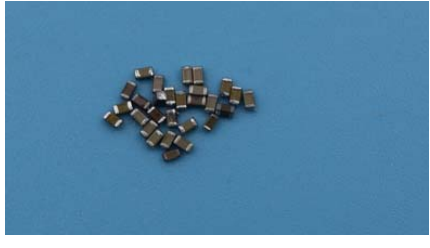




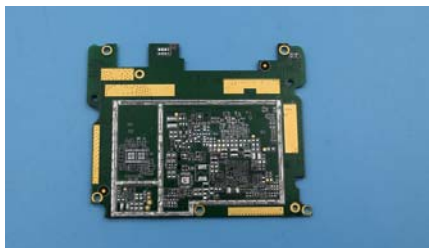
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
163	A-21-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
164	A-21-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
165	A-21-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
166	A-21-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	3.2×10 ⁴			
			Br	/	Negative		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
167	A-21-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
168	A-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

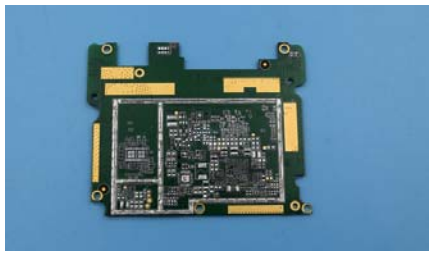
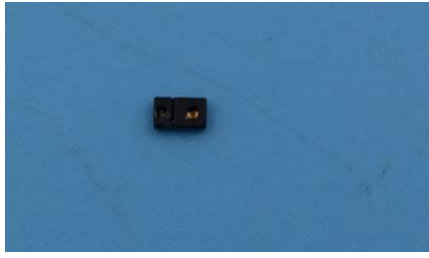
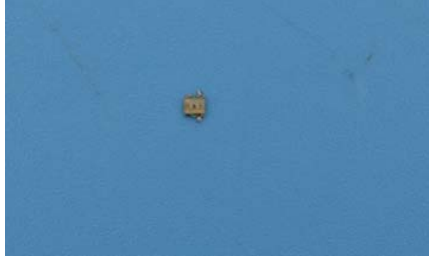


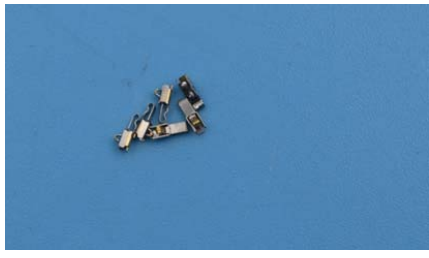
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
169	A-23-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
170	A-23-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
171	A-23-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
172	A-23-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
173	A-23-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
174	A-23-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

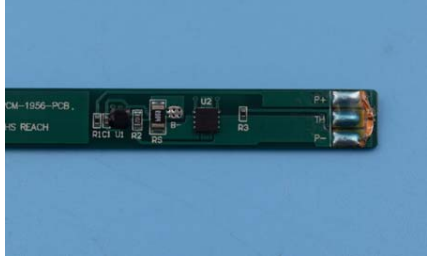
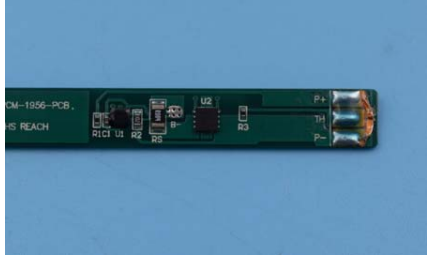
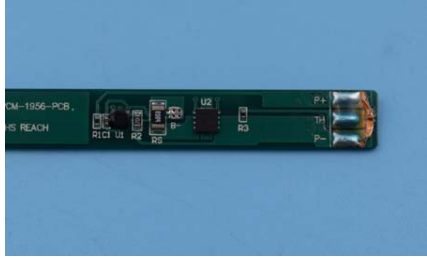
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
175	A-23-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
176	A-23-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
177	A-23-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
178	A-23-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
179	A-23-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
180	A-23-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

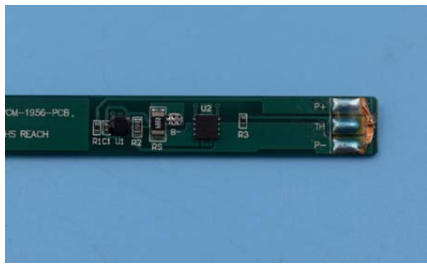
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
181	A-23-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
182	A-23-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
183	A-23-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
184	A-23-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
185	A-23-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
186	A-23-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
187	A-23-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
188	A-23-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
189	A-23-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
190	A-23-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
191	A-23-23		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
192	A-23-24		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
193	A-23-25		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
194	A-23-26		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
195	A-23-27		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
196	A-23-28		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
197	A-23-29		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
198	A-23-30		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test				
			Element	Data	UV-Vis	ICP-OES	GC-MS		
199	A-23-31		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	481.9					N.D.
			Cr ⁶⁺						N.D.
			PBBs						
			PBDEs						
200	A-23-32		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
201	A-23-33		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
202	A-23-34		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
203	A-23-35		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	/					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
204	A-23-36		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	/					
			Cr ⁶⁺						
			PBBs						
			PBDEs						

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
205	A-24-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
206	A-24-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
207	A-24-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
208	A-24-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
209	A-24-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
210	A-24-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

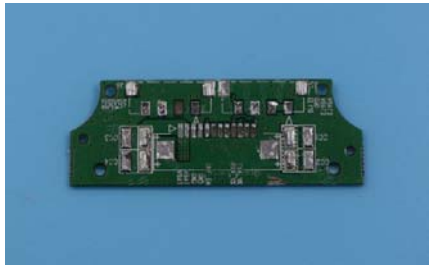
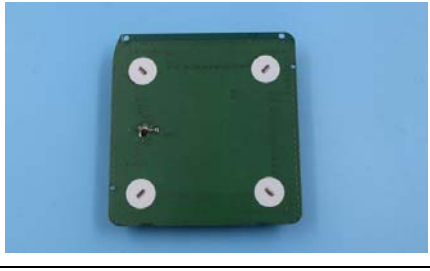
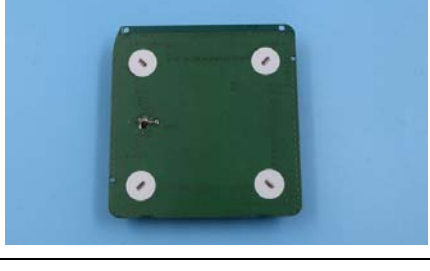


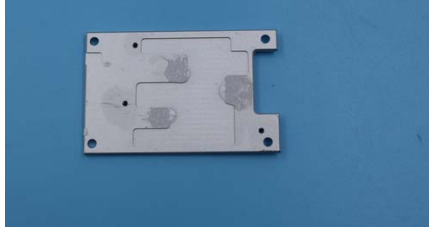
No.	Sample No.	Figure	X-ray Screening		chemical test				
			Element	Data	UV-Vis	ICP-OES	GC-MS		
211	A-24-7		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
212	A-24-8		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
213	A-24-9		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	/					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
214	A-24-10		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	/					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
215	A-24-11		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.			4.9×10 ³	/	/
			Br						
			Cr ⁶⁺						
			PBBs						
			PBDEs						
		N.D.							
		N.D.							
216	A-24-12		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
217	A-24-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
218	A-24-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
219	A-24-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
220	A-24-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
221	A-24-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
222	A-24-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				


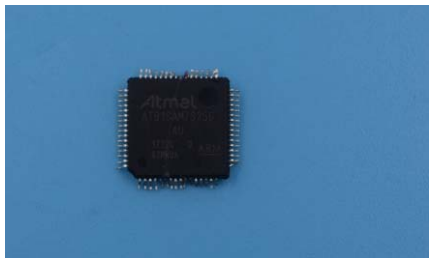
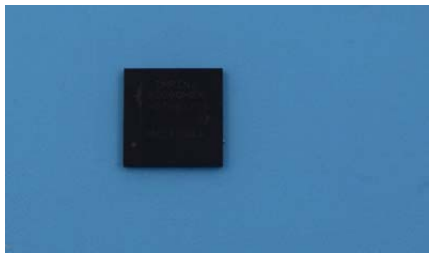
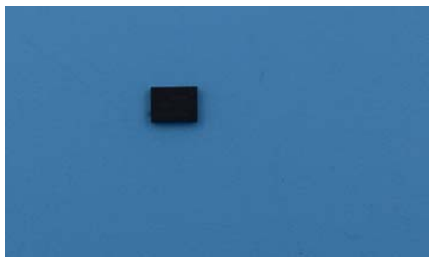
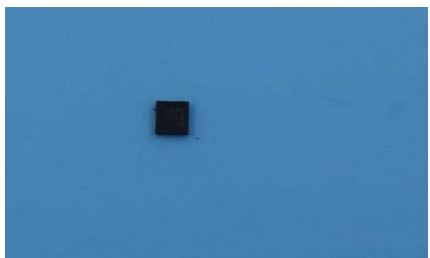

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
223	A-24-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
224	A-25-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	4.3×10 ⁴			
			Br	/	Negative		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
225	A-25-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	3.4×10 ⁴			
			Br	/	Negative		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
226	A-25-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
227	A-25-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
228	A-25-5		Pb	972.5	/	272	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				


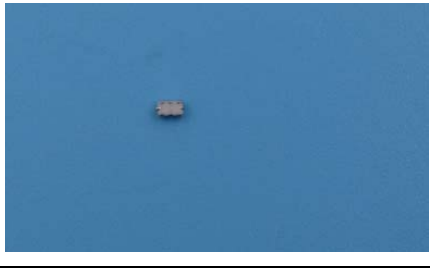
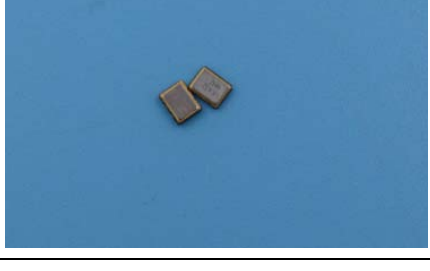



No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
229	A-25-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
230	A-25-7		Pb	2.9×10 ³	/	/	#1.7×10 ⁴
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
231	A-25-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
232	A-25-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
233	A-25-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	1.2×10 ⁴			
			Cr ⁶⁺				
			PBBs				N.D.
			PBDEs				N.D.
234	A-25-11		Pb	1.4×10 ³	/	/	#2.3×10 ⁴
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

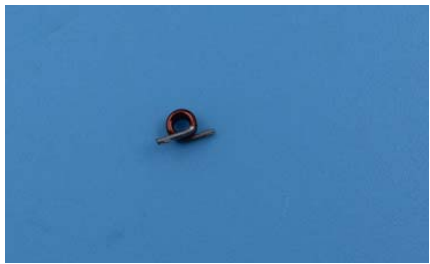


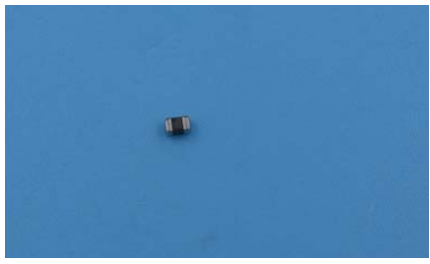


No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
235	A-25-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
236	A-25-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
237	A-25-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
238	A-25-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
239	A-25-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
240	A-25-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
241	A-25-18		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	2.4×10^3				
			Cr ⁶⁺					
			PBBs					N.D.
			PBDEs					N.D.
242	A-25-19		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
243	A-25-20		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
244	A-25-21		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	1.2×10^5				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
245	A-25-22		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
246	A-25-23		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

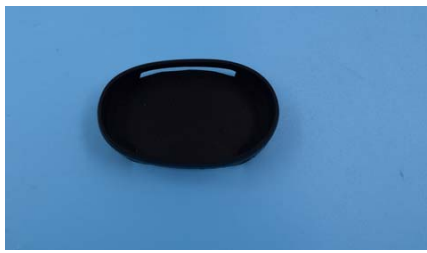





No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
247	A-25-24		Pb	1.3×10 ³	/	#2.7×10 ⁴	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
248	A-25-25		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
249	A-25-26		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
250	A-25-27		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
251	A-25-28		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
252	A-25-29		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

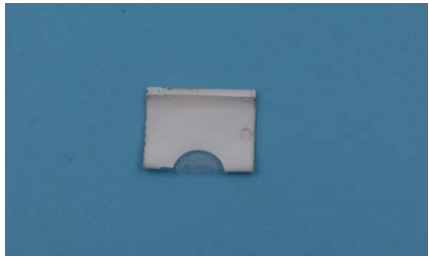


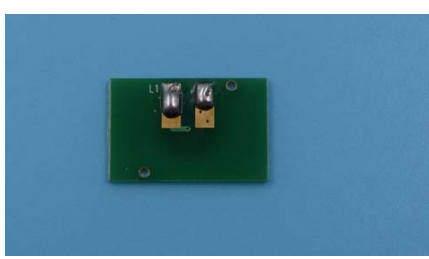


No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
253	A-25-30		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
254	A-25-31		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
255	A-25-32		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
256	A-25-33		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
257	A-25-34		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
258	A-25-35		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
259	A-25-36		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
260	A-25-37		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
261	A-25-38		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
262	A-25-39		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
263	A-25-40		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
264	A-25-41		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
265	A-25-42		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
266	A-25-43		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
267	A-25-44		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
268	A-25-45		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
269	A-25-46		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
270	A-25-47		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

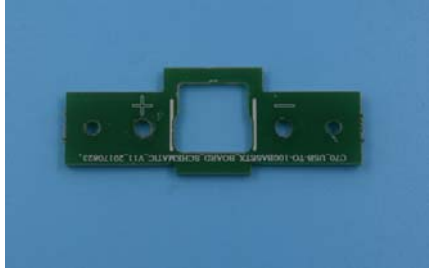





No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
271	A-25-48		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
272	A-25-49		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
273	A-25-50		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
274	A-25-51		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
275	A-25-52		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	4.4×10 ³				N.D.
			Cr ⁶⁺					
			PBBs					
			PBDEs					
276	A-26-1		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

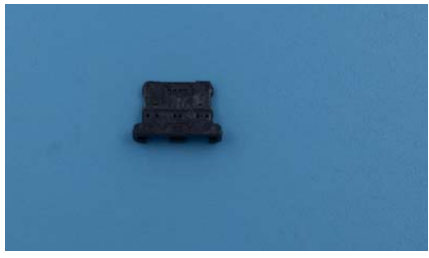


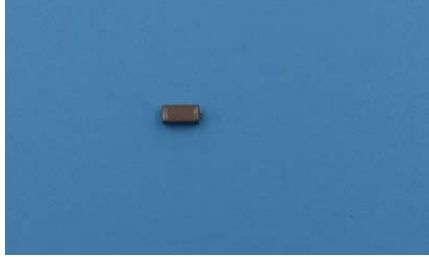


No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
277	A-26-2		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
278	A-26-3		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
279	A-26-4		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	6.0×10 ⁴				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
280	A-26-5		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
281	A-26-6		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
282	A-26-7		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

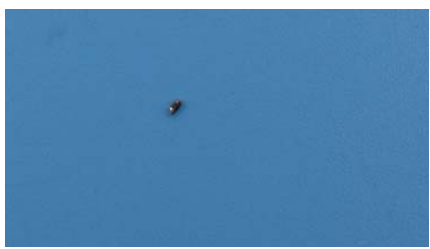


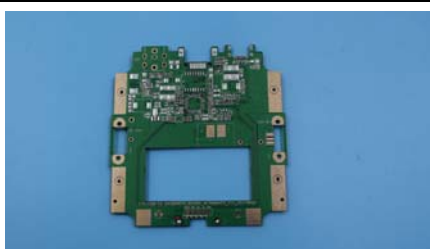


No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
283	A-26-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
284	A-26-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	1.7×10 ⁴			
			Br	/	Negative		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
285	A-26-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
286	A-26-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	1.1×10 ⁴			
			Cr ⁶⁺				
			PBBs				N.D.
			PBDEs				N.D.
287	A-26-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
288	A-26-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
289	A-26-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
290	A-26-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	2.2×10 ⁴			
			Cr ⁶⁺				
			PBBs				N.D.
			PBDEs				N.D.
291	A-26-16		Pb	4.2×10 ⁴	/	/	#1.9×10 ⁴
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
292	A-27-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
293	A-27-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
294	A-27-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
295	A-27-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
296	A-27-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
297	A-27-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
298	A-27-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
299	A-27-8		Pb	5.9×10 ³	/	/	#2.5×10 ⁴
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
300	A-27-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	1.1×10 ⁴			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
301	A-27-10		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	2.5×10^4				
			Cr ⁶⁺					
			PBBs					N.D.
			PBDEs					N.D.
302	A-27-11		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
303	A-27-12		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
304	A-27-13		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
305	A-27-14		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
306	A-27-15		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	9.6×10^4				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					

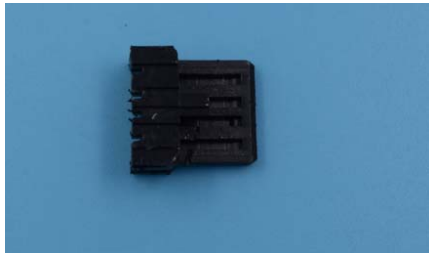
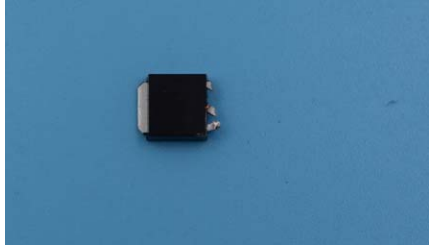


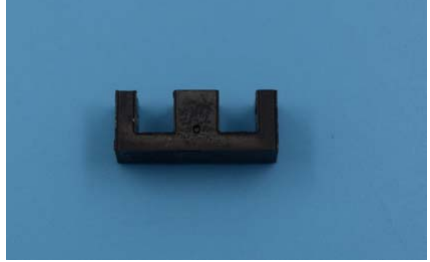
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
307	A-27-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
308	A-27-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
309	A-27-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
310	A-27-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
311	A-27-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
312	A-27-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
313	A-27-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
314	A-27-23		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
315	A-27-24		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
316	A-27-25		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	1.1×10 ³			
			Cr ⁶⁺				
			PBBs				N.D.
			PBDEs				N.D.
317	B-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
318	B-2		Pb	1.1×10 ⁴	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				


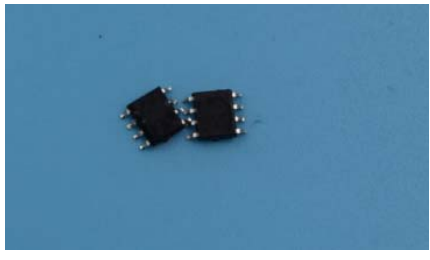
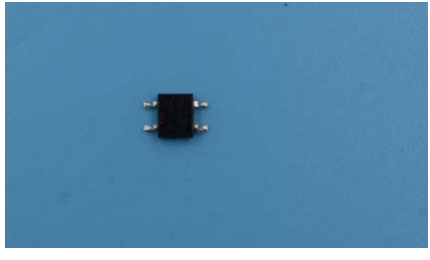
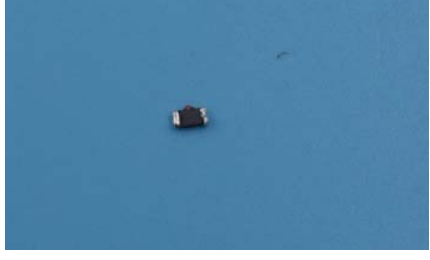


No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
319	B-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
320	B-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
321	B-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
322	B-6-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
323	B-6-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
324	B-6-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
325	B-6-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
326	B-6-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
327	B-7-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
328	B-7-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
329	B-7-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
330	B-7-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
331	B-8-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
332	B-8-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
333	B-9-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
334	B-9-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
335	B-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
336	B-11-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

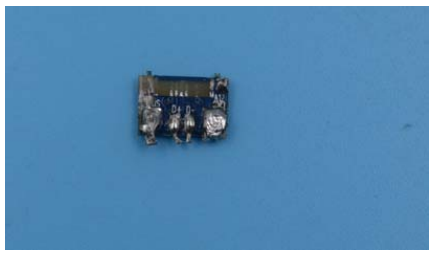
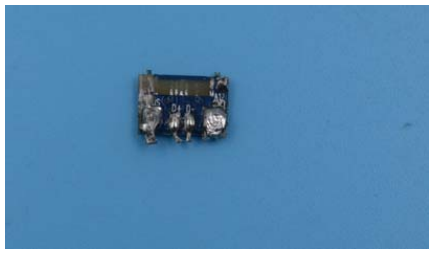




No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
337	B-11-2		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	1.4×10 ³				
			Cr ⁶⁺					
			PBBs					N.D.
			PBDEs					N.D.
338	B-11-3		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
339	B-12		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
340	B-13-1		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
341	B-13-2		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
342	B-13-3		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					



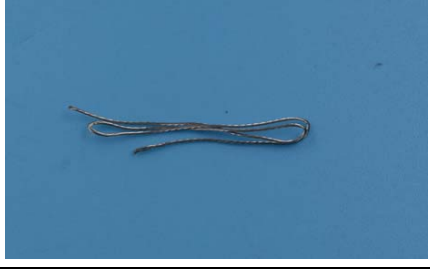
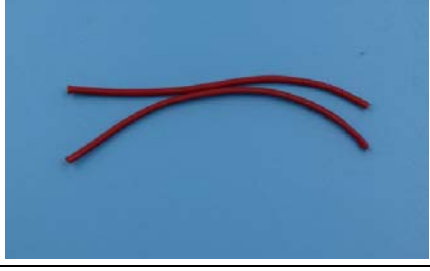
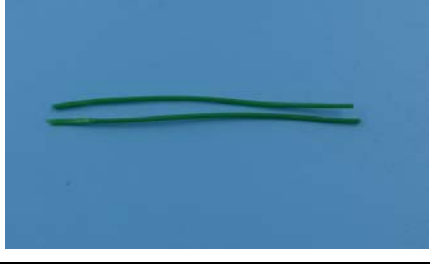

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
343	B-13-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
344	B-13-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
345	B-13-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
346	B-13-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
347	B-13-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
348	B-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

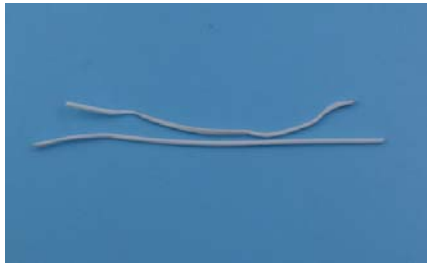

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
349	B-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
350	B-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
351	B-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
352	B-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
353	B-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
354	B-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
355	B-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
356	B-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
357	B-23		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	5.3×10 ³			
			Cr ⁶⁺				
			PBBs				N.D.
			PBDEs				N.D.
358	C-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
359	C-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
360	C-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
361	C-4		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	1.5×10^4				
			Cr ⁶⁺					
			PBBs					N.D.
			PBDEs					N.D.
362	C-5		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
363	C-6		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
364	C-7		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
365	C-8		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
366	C-9		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	3.8×10^4				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
367	C-10		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
368	C-11		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	1.8×10 ³				
			Cr ⁶⁺					
			PBBs				N.D.	
			PBDEs				N.D.	
369	C-12		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
370	C-13		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	4.4×10 ³				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
371	C-14		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	1.1×10 ⁴				
			Br	/				
			Cr ⁶⁺					Negative
			PBBs					
			PBDEs					
372	C-15		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
373	C-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
374	C-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
375	C-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
376	C-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
377	C-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
378	C-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
379	C-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
380	C-23		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

Remark:

(1) mg/kg=ppm

(2) N.D. = Not Detected (< MDL);

(3)"/"= Not Conducted

(4)MDL = Method Detection Limit

(5) [▲]= a. The sample is negative for Cr⁶⁺ if Cr⁶⁺ is N.D. (concentration less than 0.10ug/cm²). The coating is considered a non- Cr⁶⁺ based coating.

b. The sample positive for Cr⁶⁺ if the Cr⁶⁺ concentration is greater than 0.13ug/cm². The sample coating is considered to contain Cr⁶⁺.

c. The result between 0.10ug/cm² and 0.13ug/cm² is considered to be inconclusive unavoidable coating variations may influence the determination.

(6)# = Lead in copper alloy containing up to 4% lead by weight. The item is exempted from the requirements of the item 6(c) in ANNEX III, (Directive 2011/65/EU).

Annex A Photographs of the EUT



A



A



B



C



Annex B General Information

1.1 Identification of the Responsible Testing Laboratory

Company Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Department:	Morlab Laboratory
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

1.2 Test Equipments Utilized

No.	Equipment Name	Serial No.	Type	Manufacturer	Cal.Date	Cal.Due Date
1	X-Ray Fluorescence Spectroscopy(XRF)	0102	EDX-1800B	Skyray	2018.04.16	2019.04.16
2	gas chromatograph-mass spectrometer (GC-MS)	CN10617090	6890-5975I	Agilent	2018.04.16	2019.04.16
3	ultraviolet-uisible spectrophotometer(UV-Vis)	0153	UV-1100	Labtech	2018.04.16	2019.04.16
4	IPC-OES	842320072001	iCAP7200	Thermo	2018.04.16	2019.04.16

***** END OF REPORT *****