

TEST REPORT

Applicant: ORA s.a.s
Address: 2/4 rue Frédéric Joliot-Curie - 95500 Gonesse - France

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample name: Height adjustable desk frame
Model: DESK2
Client Ref. Info.: YQ22D-ZS32Q-L
Manufacturer & Factory: NINGBO YUNQI INNOVATION INTELLIGENT HOME CO.,LTD
Address: Room 801-1, No. 535 Tiantong South Road Shounan Sub-district, Yinzhou District
Ningbo City, Zhejiang Province
Sample No.: S2601260286-1#
Sample Received Date: 2026-01-26
Testing Period: 2026-02-02~2026-05-13

Test Requirement:

As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Bis-(2-ethylhexyl) Phthalate (DEHP), Benzyl butyl Phthalate (BBP), Dibutyl Phthalate (DBP) and Diisobutyl Phthalate(DIBP)contents in the submitted sample(s) in accordance with RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Conclusion

Pass

Test Result(s): Please refer to the following page(s);

Test Method: Please refer to the following page(s);

Compiled by: _____

Reviewed by: _____

Approved by: _____

Date: _____

DE-MD. deng

2026-06-03

Sample Description:

No.	Part name	Sample description
1	Table board	White wooden board
2	Upper fixing component	White coating
3		Metal base material
4	Horizontal pipe	White coating
5		Metal base material
6		Weld bead
7		Black rubber
8	Crossbar	White coating
9		Metal base material
10	Base	White coating
11		Metal base material
12		Black plastic
13		Multicolor metal bolt
14	Column	White coating
15		Metal base material
16		Weld bead
17		White background with black text label
18		Black plastic sheet
19		Silver metal tube
20		Orange plastic
21		Black plastic cover
22		White foam
23		Silver metal
24		White plastic with grease
25		White plastic sheet with grease
26		White plastic
27		Silver metal screw 1
28		Multicolor metal screw
29		Silver metal screw 2
30		Silver metal screw 3
31		Black plastic with grease of fixed module
32		Transparent plastic of fixed module
33		Silver gray metal spring of fixed module
34		Gray plastic of fixed module
35		Black felt of fixed module
36		Black rubber of fixed module

No.	Part name	Sample description
37	Column	Silver metal of fixed module
38		Silver metal sheet of fixed module
39		Silver metal spring of regulating module
40		Silver metal screw 1 of regulating module
41		Silver metal screw 2 of regulating module
42		Black metal clamp spring of regulating module
43		Silver metal cover of regulating module
44		Silver metal of regulating module
45		Black rubber of regulating module
46		Bearing-Silver metal cover of regulating module
47		Bearing-Silver metal outer ring of regulating module
48		Bearing-Silver metal inner ring of regulating module
49		Bearing - Silver metal frame of regulating module
50		Bearing-steel balls of regulating module
51		White plastic screw of regulating module
52		Beige plastic of regulating module
53		Silver metal screw of regulating module
54	Column gearbox	Silver metal shell
55		White grease
56		Silver metal cover
57		White plastic gear
58		Multicolor metal screw
59		Black rubber of bearing
60		Silver metal cover of bearing
61		Silver metal outer ring of bearing
62		Silver metal inner ring of bearing
63		Silver metal frame of bearing
64	Column motor	Steel ball of bearing
65		Silver metal shell
66		Magnet core
67		Black foam with glue
68		Colored metal cover
69		Cupreous metal ring
70		Black metal
71		Black plastic
72		Black metal clamp spring
73		Black rubber

No.	Part name	Sample description
74	Column motor	Silver metal spring
75		Silver gray silicon steel sheet
76		Green coating
77		Cupreous metal sheet
78		Black solid
79		Silver metal endless screw
80		Silver metal rod
81		Coil
82		Blue rubber of bearing
83		Silver metal cover of bearing
84		Silver metal outer ring of bearing
85		Silver metal inner ring of bearing
86		Silver metal frame of bearing
87		Steel ball of bearing
88	Column motor PCB	Green PCB
89		Silver metal of carbon brush
90		Carbon block of carbon brush
91		Coil of carbon brush
92		Golden metal of middle voltage terminal
93		Magnet core of inductor
94		Coil of inductor
95		Blue body of capacitor
96		Metal pin of capacitor
97		White colloid
98		Beige plastic
99		SMD chip
100		SMD diode
101		Tin solder
102	Column wiring harness	Yellow lagging of yellow interface
103		White plastic of yellow interface
104		Transparent plastic of yellow interface
105		Silver metal pin of yellow interface
106		Black encapsulation
107		Black exterior wire jacket
108		Orange inner wire jacket
109		Red inner leather
110		Yellow inner line leather

No.	Part name	Sample description
111	Column wiring harness	Black inner wire jacket
112		Blue inner lining leather
113		Brown inner line leather
114		Core of wire
115	Control box	transparent varnish of top cover
116		Black plastic of top cover
117		Black plastic shell
118		Silver background black text label
119		Black metal screw
120	Control box PCB	Black PCB
121		Black plastic jacket of electrolytic capacitor 1
122		Aluminum shell of electrolytic capacitor 1
123		Anode foil of electrolytic capacitor 1
124		Cathode foil of electrolytic capacitor 1
125		Electrolytic paper of electrolytic capacitor 1
126		Rubber pad of electrolytic capacitor 1
127		Electrode pin of electrolytic capacitor 1
128		Beige plastic of beige interface
129		Silver metal pin of beige interface
130		Silver metal sheet of beige interface
131		White background with black text label
132		Silver metal shell of type-c interface
133		Black plastic of type-c interface
134		Silver metal pin of type-c interface
135		Silver metal shell of USB interface
136		Black plastic of USB interface
137		Silver metal pin of USB interface
138		Black plastic jacket of inductor
139		Black coating of inductor
140		Magnet core of inductor
141		Coil of inductor
142		Rubber pad of electrolytic capacitor 2
143		Transparent plastic film of display
144		Black coated beige plastic of display
145		Black PCB of display
146		Transparent potting glue of display
147		Metal pin of display

No.	Part name	Sample description
148	Control box PCB	Silver metal of contact switch
149		Red plastic button of contact switch
150		Black plastic shell of contact switch
151		Silver metal spring sheet of contact switch
152		SMD diode
153		SMD chip 1
154		SMD chip 2
155		SMD audion
156		SMD chip 3
157		Tin solder
158	Control box wiring harness	Transparent plastic of network interface
159		Black encapsulation of network interface
160		Silver gold metal pin of network interface
161		Black encapsulation of shielding ring
162		Magnet core of shielding ring
163		Black encapsulation
164		White plastic of white interface
165		Silver metal pin of white interface
166		Black exterior wire jacket
167		Blue inner lining leather
168		Brown inner line leather
169		White inner lining leather
170		Green inner leather
171		Yellow inner line leather
172		Red inner leather
173		Black inner wire jacket
174		Core of wire
175*	Adapter	Black plastic shell
176		Silver background black text label
177		Black metal screw
178	Adapter PCB	Green PCB
179		Yellow adhesive tape of transformer
180		Magnet core of transformer
181		Black plastic frame of transformer
182		White transparent casing tube of transformer
183		Yellow coil of transformer
184		Cupreous metal coil of transformer

No.	Part name	Sample description
185	Adapter PCB	Dip Soldered Joint of transformer
186		Black plastic base of transformer
187		Green coating of inductor 1
188		Magnet core of inductor 1
189		Red metal coil of inductor 1
190		Cupreous metal coil of inductor 1
191		Black plastic base of inductor 1
192		Black plastic jacket of electrolytic capacitor 1
193		White background with black text label of electrolytic capacitor 1
194		Anode foil of electrolytic capacitor 1
195		Cathode foil of electrolytic capacitor 1
196		Electrolytic paper of electrolytic capacitor 1
197		Rubber pad of electrolytic capacitor 1
198		Electrode pin of electrolytic capacitor 1
199		Orange plastic jacket of electrolytic capacitor 2
200		Rubber pad of electrolytic capacitor 2
201		Black plastic jacket of electrolytic capacitor 3
202		Rubber pad of electrolytic capacitor 3
203		Rubber pad of electrolytic capacitor 4
204		Black plastic base of electrolytic capacitor 4
205		Yellow coil of inductor 2
206		Green coating of inductor 3
207		Magnet core of inductor 3
208		Cupreous metal coil of inductor 3
209		Black plastic base of inductor 3
210		Yellow plastic shell of X capacitor
211		pouring sealant of X capacitor
212		Inner body of X capacitor
213		Blue body of Capacitor 1
214		Metal pin of Capacitor 1
215		Black body of capacitor 2
216		Blue body of resistor
217		Transparent casing tube of inductor 4
218		Black pouring sealant of inductor 4
219		Silver metal of Heat sink
220		White colloid
221		Black body of audion 1

No.	Part name	Sample description
222	Adapter PCB	Metal pin of audion 1
223		Metal screw of audion 1
224		Black body of audion 2
225		Metal pin of audion 2
226		Black body of columnar diode
227		Metal pin of columnar diode
228		Green body of capacitor 3
229		Multicolor body of Color ring resistor
230		Metal pin of Color ring resistor
231		Red plastic shell of fuse
232		Silver metal wire of fuse
233		Black plastic of fuse
234		Magnet core of inductor 5
235		Black plastic of power interface
236		Silver metal pin of power interface
237		Transparent rubber bushing of power interface
238		Yellow-green wire jacket of power interface
239		Core of wire of power interface
240		White translucent plastic of white interface
241		Silver metal pin of white interface
242		Black plastic of black interface
243		Silver metal pin of black interface
244		Black plastic of buzzer
245		Silver metal shrapnel of buzzer
246		Silver metal disc of buzzer
247		Magnet core of buzzer
248		Coil of buzzer
249		Silver metal of buzzer
250		SMD chip 1
251		SMD diode
252		SMD chip 2
253		SMD chip 3
254		Tin solder
255	Power cord	Black encapsulation of power stopper
256		Black plastic of power stopper
257		Silver metal pin of power stopper
258		Silver metal sheet of power stopper

No.	Part name	Sample description
259	Power cord	Black encapsulation of black interface
260		Black plastic of black interface
261		Golden metal pin of black interface
262		Black wire jacket
263		Brown wire jacket
264		Yellow-green wire jacket
265		Blue wire jacket
266		Core of wire
267	Data line	Black encapsulation of public interface
268		White plastic of public interface
269		Transparent plastic of public interface
270		Silver metal pin of public interface
271		Black encapsulation of female interface
272		White plastic of female interface
273		White translucent colloid of female interface
274		Silver metal pin of female interface
275		Black exterior wire jacket
276		Yellow inner line leather
277		Orange inner wire jacket
278		Red inner leather
279		Black inner wire jacket
280		Blue inner lining leather
281		Brown inner line leather
282		Core of wire
283	Fitting	Silver metal screw 1
284		Silver metal screw 2
285		Silver metal screw 3
286		Silver metal screw 4
287		Silver metal of hex wrench
288		White foam glue of cable ties
289		Transparent plastic of cable ties
290		Silver metal of screwdriver
291		Black plastic of screwdriver
292	Cable ties	Black wire jacket
293		Metal wire

Test Result(s):

Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers(PBDEs)

1. XRF Screening Result

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
1	BL	BL	BL	BL	BL	Pass
2	BL	BL	BL	BL	BL	Pass
3	BL	BL	BL	BL	/	Pass
4	BL	BL	BL	BL	BL	Pass
5	BL	BL	BL	BL	/	Pass
6	BL	BL	BL	BL	/	Pass
7	BL	BL	BL	BL	BL	Pass
8	BL	BL	BL	BL	BL	Pass
9	BL	BL	BL	BL	/	Pass
10	BL	BL	BL	BL	BL	Pass
11	BL	BL	BL	BL	/	Pass
12	BL	BL	BL	BL	BL	Pass
13	BL	BL	BL	IN	/	IN
14	BL	BL	BL	BL	BL	Pass
15	BL	BL	BL	BL	/	Pass
16	BL	BL	BL	BL	/	Pass
17	BL	BL	BL	BL	BL	Pass
18	BL	BL	BL	BL	BL	Pass
19	BL	BL	BL	BL	/	Pass
20	BL	BL	BL	BL	BL	Pass
21	BL	BL	BL	BL	IN	IN
22	BL	BL	BL	BL	BL	Pass
23	BL	BL	BL	BL	/	Pass
24	BL	BL	BL	BL	BL	Pass
25	BL	BL	BL	BL	BL	Pass
26	BL	BL	BL	BL	BL	Pass
27	BL	BL	BL	IN	/	IN
28	BL	BL	BL	BL	/	Pass
29	BL	BL	BL	BL	/	Pass
30	BL	BL	BL	BL	/	Pass
31	BL	BL	BL	BL	BL	Pass
32	BL	BL	BL	BL	BL	Pass
33	BL	BL	BL	BL	/	Pass

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
34	BL	BL	BL	BL	BL	Pass
35	BL	BL	BL	BL	BL	Pass
36	BL	BL	BL	BL	BL	Pass
37	BL	BL	BL	BL	/	Pass
38	BL	BL	BL	BL	/	Pass
39	BL	BL	BL	BL	/	Pass
40	BL	BL	BL	BL	/	Pass
41	BL	BL	BL	IN	/	IN
42	BL	BL	BL	IN	/	IN
43	BL	BL	BL	IN	/	IN
44	BL	BL	BL	BL	/	Pass
45	BL	BL	BL	BL	BL	Pass
46	BL	BL	BL	BL	/	Pass
47	BL	BL	BL	BL	/	Pass
48	BL	BL	BL	BL	/	Pass
49	BL	BL	BL	BL	/	Pass
50	BL	BL	BL	BL	/	Pass
51	BL	BL	BL	BL	BL	Pass
52	BL	BL	BL	BL	BL	Pass
53	BL	BL	BL	IN	/	IN
54	BL	BL	BL	BL	/	Pass
55	BL	BL	BL	BL	BL	Pass
56	BL	BL	BL	BL	/	Pass
57	BL	BL	BL	BL	BL	Pass
58	BL	BL	BL	BL	/	Pass
59	BL	BL	BL	BL	BL	Pass
60	BL	BL	BL	BL	/	Pass
61	BL	BL	BL	BL	/	Pass
62	BL	BL	BL	BL	/	Pass
63	BL	BL	BL	BL	/	Pass
64	BL	BL	BL	BL	/	Pass
65	BL	BL	BL	BL	/	Pass
66	BL	BL	BL	BL	/	Pass
67	BL	BL	BL	BL	BL	Pass
68	BL	BL	BL	BL	/	Pass
69	BL	BL	BL	BL	/	Pass

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
70	BL	BL	BL	IN	/	IN
71	BL	BL	BL	BL	BL	Pass
72	BL	BL	BL	IN	/	IN
73	BL	BL	BL	BL	BL	Pass
74	BL	BL	BL	IN	/	IN
75	BL	BL	BL	IN	/	IN
76	BL	BL	BL	IN	BL	IN
77	BL	BL	BL	BL	/	Pass
78	BL	BL	BL	BL	BL	Pass
79	BL	BL	BL	IN	/	IN
80	BL	BL	BL	IN	/	IN
81	BL	BL	BL	BL	/	Pass
82	BL	BL	BL	BL	BL	Pass
83	BL	BL	BL	BL	/	Pass
84	BL	BL	BL	BL	/	Pass
85	BL	BL	BL	BL	/	Pass
86	BL	BL	BL	BL	/	Pass
87	BL	BL	BL	BL	/	Pass
88	BL	BL	BL	BL	IN	IN
89	BL	BL	BL	IN	/	IN
90	BL	BL	BL	BL	BL	Pass
91	BL	BL	BL	BL	/	Pass
92	BL	BL	BL	BL	/	Pass
93	BL	BL	BL	BL	/	Pass
94	BL	BL	BL	BL	/	Pass
95	BL	BL	BL	BL	BL	Pass
96	BL	BL	BL	BL	/	Pass
97	BL	BL	BL	BL	BL	Pass
98	BL	BL	BL	BL	BL	Pass
99	BL	BL	BL	BL	BL	Pass
100	BL	BL	BL	BL	BL	Pass
101	OL	BL	BL	BL	/	IN
102	BL	BL	BL	BL	BL	Pass
103	BL	BL	BL	BL	BL	Pass
104	BL	BL	BL	BL	BL	Pass
105	BL	BL	BL	BL	/	Pass

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
106	BL	BL	BL	BL	BL	Pass
107	BL	BL	BL	BL	BL	Pass
108	BL	BL	BL	BL	BL	Pass
109	BL	BL	BL	BL	BL	Pass
110	BL	BL	BL	BL	BL	Pass
111	BL	BL	BL	BL	BL	Pass
112	BL	BL	BL	BL	BL	Pass
113	BL	BL	BL	BL	BL	Pass
114	BL	BL	BL	BL	/	Pass
115	BL	BL	BL	BL	BL	Pass
116	BL	BL	BL	BL	BL	Pass
117	BL	BL	BL	BL	BL	Pass
118	BL	BL	BL	BL	BL	Pass
119	BL	BL	BL	BL	/	Pass
120	BL	BL	BL	BL	IN	IN
121	BL	BL	BL	BL	BL	Pass
122	BL	BL	BL	BL	/	Pass
123	BL	BL	BL	BL	/	Pass
124	BL	BL	BL	BL	/	Pass
125	BL	BL	BL	BL	BL	Pass
126	BL	BL	BL	BL	BL	Pass
127	BL	BL	BL	BL	/	Pass
128	BL	BL	BL	BL	BL	Pass
129	BL	BL	BL	BL	/	Pass
130	BL	BL	BL	BL	/	Pass
131	BL	BL	BL	BL	BL	Pass
132	BL	BL	BL	IN	/	IN
133	BL	BL	BL	BL	BL	Pass
134	BL	BL	BL	BL	/	Pass
135	BL	BL	BL	BL	/	Pass
136	BL	BL	BL	BL	BL	Pass
137	BL	BL	BL	BL	/	Pass
138	BL	BL	BL	BL	BL	Pass
139	BL	BL	BL	BL	BL	Pass
140	BL	BL	BL	BL	/	Pass
141	BL	BL	BL	BL	/	Pass

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
142	BL	BL	BL	BL	BL	Pass
143	BL	BL	BL	BL	BL	Pass
144	BL	BL	BL	BL	IN	IN
145	BL	BL	BL	BL	IN	IN
146	BL	BL	BL	BL	IN	IN
147	BL	BL	BL	BL	/	Pass
148	BL	BL	BL	BL	/	Pass
149	BL	BL	BL	BL	BL	Pass
150	BL	BL	BL	BL	BL	Pass
151	BL	BL	BL	IN	/	IN
152	OL	BL	BL	BL	BL	IN
153	OL	BL	BL	BL	BL	IN
154	BL	BL	BL	BL	BL	Pass
155	BL	BL	BL	BL	BL	Pass
156	BL	BL	BL	BL	BL	Pass
157	OL	BL	BL	BL	/	IN
158	BL	BL	BL	BL	BL	Pass
159	BL	BL	BL	BL	BL	Pass
160	BL	BL	BL	BL	/	Pass
161	BL	BL	BL	BL	BL	Pass
162	BL	BL	BL	BL	/	Pass
163	BL	BL	BL	BL	BL	Pass
164	BL	BL	BL	BL	BL	Pass
165	BL	BL	BL	BL	/	Pass
166	BL	BL	BL	BL	BL	Pass
167	BL	BL	BL	BL	BL	Pass
168	BL	BL	BL	BL	BL	Pass
169	BL	BL	BL	BL	BL	Pass
170	BL	BL	BL	BL	BL	Pass
171	BL	BL	BL	BL	BL	Pass
172	BL	BL	BL	BL	BL	Pass
173	BL	BL	BL	BL	BL	Pass
174	BL	BL	BL	BL	/	Pass
175	BL	BL	BL	BL	BL	Pass
176	BL	BL	BL	BL	BL	Pass
177	BL	BL	BL	IN	/	IN

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
178	BL	BL	BL	BL	IN	IN
179	BL	BL	BL	BL	BL	Pass
180	BL	BL	BL	BL	/	Pass
181	BL	BL	BL	BL	BL	Pass
182	BL	BL	BL	BL	BL	Pass
183	BL	BL	BL	BL	/	Pass
184	BL	BL	BL	BL	/	Pass
185	BL	BL	BL	BL	/	Pass
186	BL	BL	BL	BL	BL	Pass
187	BL	BL	BL	BL	BL	Pass
188	BL	BL	BL	BL	/	Pass
189	BL	BL	BL	BL	/	Pass
190	BL	BL	BL	BL	/	Pass
191	BL	BL	BL	BL	BL	Pass
192	BL	BL	BL	BL	BL	Pass
193	BL	BL	BL	BL	BL	Pass
194	BL	BL	BL	BL	/	Pass
195	BL	BL	BL	BL	/	Pass
196	BL	BL	BL	BL	BL	Pass
197	BL	BL	BL	BL	BL	Pass
198	BL	BL	BL	BL	/	Pass
199	BL	BL	BL	BL	BL	Pass
200	BL	BL	BL	BL	BL	Pass
201	BL	BL	BL	BL	BL	Pass
202	BL	BL	BL	BL	BL	Pass
203	BL	BL	BL	BL	BL	Pass
204	BL	BL	BL	BL	BL	Pass
205	BL	BL	BL	BL	/	Pass
206	BL	BL	BL	BL	BL	Pass
207	BL	BL	BL	BL	/	Pass
208	BL	BL	BL	BL	/	Pass
209	BL	BL	BL	BL	BL	Pass
210	BL	BL	BL	BL	IN	IN
211	BL	BL	BL	BL	IN	IN
212	BL	BL	BL	BL	BL	Pass
213	BL	BL	BL	BL	BL	Pass

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
214	BL	BL	BL	BL	/	Pass
215	BL	BL	BL	BL	BL	Pass
216	BL	BL	BL	BL	BL	Pass
217	BL	BL	BL	BL	BL	Pass
218	BL	BL	BL	BL	BL	Pass
219	BL	BL	BL	BL	/	Pass
220	BL	BL	BL	BL	BL	Pass
221	OL	BL	BL	BL	BL	IN
222	BL	BL	BL	BL	/	Pass
223	BL	BL	BL	BL	/	Pass
224	OL	BL	BL	BL	BL	IN
225	BL	BL	BL	BL	/	Pass
226	OL	BL	BL	BL	BL	IN
227	BL	BL	BL	BL	/	Pass
228	BL	BL	BL	IN	BL	IN
229	BL	BL	BL	BL	BL	Pass
230	BL	BL	BL	BL	/	Pass
231	BL	BL	BL	BL	BL	Pass
232	BL	BL	BL	BL	/	Pass
233	BL	BL	BL	BL	BL	Pass
234	BL	BL	BL	BL	/	Pass
235	BL	BL	BL	BL	IN	IN
236	BL	BL	BL	BL	/	Pass
237	BL	BL	BL	BL	BL	Pass
238	BL	BL	BL	BL	BL	Pass
239	BL	BL	BL	BL	/	Pass
240	BL	BL	BL	BL	BL	Pass
241	BL	BL	BL	BL	/	Pass
242	BL	BL	BL	BL	IN	IN
243	BL	BL	BL	BL	/	Pass
244	BL	BL	BL	BL	BL	Pass
245	BL	BL	BL	BL	/	Pass
246	BL	BL	BL	BL	/	Pass
247	BL	BL	BL	BL	/	Pass
248	BL	BL	BL	BL	/	Pass
249	BL	BL	BL	BL	/	Pass

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
250	BL	BL	BL	BL	BL	Pass
251	OL	BL	BL	BL	BL	IN
252	BL	BL	BL	BL	BL	Pass
253	BL	BL	BL	BL	BL	Pass
254	BL	BL	BL	BL	/	Pass
255	BL	BL	BL	BL	BL	Pass
256	BL	BL	BL	BL	IN	IN
257	OL	IN	BL	BL	/	IN
258	BL	BL	BL	BL	/	Pass
259	BL	BL	BL	BL	BL	Pass
260	BL	BL	BL	BL	IN	IN
261	BL	BL	BL	BL	/	Pass
262	BL	BL	BL	BL	BL	Pass
263	BL	BL	BL	BL	BL	Pass
264	BL	BL	BL	BL	BL	Pass
265	BL	BL	BL	BL	BL	Pass
266	BL	BL	BL	BL	/	Pass
267	BL	BL	BL	BL	BL	Pass
268	BL	BL	BL	BL	BL	Pass
269	BL	BL	BL	BL	BL	Pass
270	BL	BL	BL	BL	/	Pass
271	BL	BL	BL	BL	BL	Pass
272	BL	BL	BL	BL	BL	Pass
273	BL	BL	BL	BL	BL	Pass
274	BL	BL	BL	BL	/	Pass
275	BL	BL	BL	BL	BL	Pass
276	BL	BL	BL	BL	BL	Pass
277	BL	BL	BL	BL	BL	Pass
278	BL	BL	BL	BL	BL	Pass
279	BL	BL	BL	BL	BL	Pass
280	BL	BL	BL	BL	BL	Pass
281	BL	BL	BL	BL	BL	Pass
282	BL	BL	BL	BL	/	Pass
283	BL	BL	BL	IN	/	IN
284	BL	BL	BL	IN	/	IN
285	BL	BL	BL	IN	/	IN

No.	XRF Screening Result (mg/kg)					Conclusion
	Pb	Cd	Hg	Cr	Br	
286	BL	BL	BL	IN	/	IN
287	BL	BL	BL	IN	/	IN
288	BL	BL	BL	BL	BL	Pass
289	BL	BL	BL	BL	BL	Pass
290	BL	BL	BL	BL	/	Pass
291	BL	BL	BL	BL	BL	Pass
292	BL	BL	BL	BL	BL	Pass
293	BL	BL	BL	BL	/	Pass

2. Chemical Test Result

No.	Chemical Test Result (mg/kg)						Conclusion
	Pb	Cd	Hg	Cr(VI)	PBBs	PBDEs	
13	/	/	/	N.D.	/	/	Pass
21	/	/	/	/	N.D.	N.D.	Pass
27	/	/	/	N.D.	/	/	Pass
41	/	/	/	N.D.	/	/	Pass
42	/	/	/	N.D.	/	/	Pass
43	/	/	/	N.D.	/	/	Pass
53	/	/	/	N.D.	/	/	Pass
70	/	/	/	N.D.	/	/	Pass
72	/	/	/	N.D.	/	/	Pass
74	/	/	/	N.D.	/	/	Pass
75	/	/	/	N.D.	/	/	Pass
76	/	/	/	N.D.	/	/	Pass
79	/	/	/	N.D.	/	/	Pass
80	/	/	/	N.D.	/	/	Pass
88	/	/	/	/	N.D.	N.D.	Pass
89	/	/	/	N.D.	/	/	Pass
101	23	/	/	/	/	/	Pass
120	/	/	/	/	N.D.	N.D.	Pass
132	/	/	/	N.D.	/	/	Pass
144	/	/	/	/	N.D.	N.D.	Pass
145	/	/	/	/	N.D.	N.D.	Pass
146	/	/	/	/	N.D.	N.D.	Pass
151	/	/	/	N.D.	/	/	Pass
152	26241#2	/	/	/	/	/	Pass

No.	Chemical Test Result (mg/kg)						Conclusion
	Pb	Cd	Hg	Cr(VI)	PBBs	PBDEs	
153	27428 ^{#2}	/	/	/	/	/	Pass
157	100	/	/	/	/	/	Pass
177	/	/	/	N.D.	/	/	Pass
178	/	/	/	/	N.D.	N.D.	Pass
210	/	/	/	/	N.D.	N.D.	Pass
211	/	/	/	/	N.D.	N.D.	Pass
221	5283 ^{#2}	/	/	/	/	/	Pass
224	7325 ^{#2}	/	/	/	/	/	Pass
226	8999 ^{#2}	/	/	/	/	/	Pass
228	/	/	/	N.D.	/	/	Pass
235	/	/	/	/	N.D.	N.D.	Pass
242	/	/	/	/	N.D.	N.D.	Pass
251	7523 ^{#2}	/	/	/	/	/	Pass
256	/	/	/	/	N.D.	N.D.	Pass
257	16546 ^{#1}	N.D.	/	/	/	/	Pass
260	/	/	/	/	N.D.	N.D.	Pass
283	/	/	/	N.D.	/	/	Pass
284	/	/	/	N.D.	/	/	Pass
285	/	/	/	N.D.	/	/	Pass
286	/	/	/	N.D.	/	/	Pass
287	/	/	/	N.D.	/	/	Pass

Bis-(2-ethylhexyl) Phthalate (DEHP), Benzyl butyl Phthalate (BBP), Dibutyl Phthalate (DBP) and Diisobutyl Phthalate(DIBP)

No.	Test Items Result (mg/kg)				Conclusion
	DEHP	BBP	DBP	DIBP	
1	N.D.	N.D.	N.D.	N.D.	Pass
2	N.D.	N.D.	N.D.	N.D.	Pass
4	N.D.	N.D.	N.D.	N.D.	Pass
7+36+45	N.D.	N.D.	N.D.	N.D.	Pass
8	N.D.	N.D.	N.D.	N.D.	Pass
10	N.D.	N.D.	N.D.	N.D.	Pass
12+18+20	N.D.	N.D.	N.D.	N.D.	Pass
14	N.D.	N.D.	N.D.	N.D.	Pass
17+118+131	N.D.	N.D.	N.D.	N.D.	Pass
21+24+25	N.D.	N.D.	N.D.	N.D.	Pass

No.	Test Items Result (mg/kg)				Conclusion
	DEHP	BBP	DBP	DIBP	
22	N.D.	N.D.	N.D.	N.D.	Pass
26+31+32	N.D.	N.D.	N.D.	N.D.	Pass
34+51+52	N.D.	N.D.	N.D.	N.D.	Pass
35	N.D.	N.D.	N.D.	N.D.	Pass
55	N.D.	N.D.	N.D.	N.D.	Pass
57+71+98	N.D.	N.D.	N.D.	N.D.	Pass
59+73+82	N.D.	N.D.	N.D.	N.D.	Pass
67	N.D.	N.D.	N.D.	N.D.	Pass
76	N.D.	N.D.	N.D.	N.D.	Pass
78	N.D.	N.D.	N.D.	N.D.	Pass
88+120+145	N.D.	N.D.	N.D.	N.D.	Pass
90	N.D.	N.D.	N.D.	N.D.	Pass
95+213+215	N.D.	N.D.	N.D.	N.D.	Pass
97+220+273	N.D.	N.D.	N.D.	N.D.	Pass
99+100+152	N.D.	N.D.	N.D.	N.D.	Pass
102+106+159	N.D.	N.D.	N.D.	N.D.	Pass
103+104+116	N.D.	N.D.	N.D.	N.D.	Pass
107+108+109	N.D.	N.D.	N.D.	N.D.	Pass
110+111+112	N.D.	N.D.	N.D.	N.D.	Pass
113+166+167	N.D.	N.D.	N.D.	N.D.	Pass
115	N.D.	N.D.	N.D.	N.D.	Pass
117+128+133	N.D.	N.D.	N.D.	N.D.	Pass
121+192+199	N.D.	N.D.	N.D.	N.D.	Pass
125+196	N.D.	N.D.	N.D.	N.D.	Pass
126+142+197	N.D.	N.D.	N.D.	N.D.	Pass
136+138+143	N.D.	N.D.	N.D.	N.D.	Pass
139	N.D.	N.D.	N.D.	N.D.	Pass
144	N.D.	N.D.	N.D.	N.D.	Pass
146+211+218	N.D.	N.D.	N.D.	N.D.	Pass
149+150+158	N.D.	N.D.	N.D.	N.D.	Pass
153+154+155	N.D.	N.D.	N.D.	N.D.	Pass
156+250+251	N.D.	N.D.	N.D.	N.D.	Pass
161+163+255	N.D.	N.D.	N.D.	N.D.	Pass
164+181	N.D.	N.D.	N.D.	N.D.	Pass
168+169+170	N.D.	N.D.	N.D.	N.D.	Pass
171+172+173	N.D.	N.D.	N.D.	N.D.	Pass

No.	Test Items Result (mg/kg)				Conclusion
	DEHP	BBP	DBP	DIBP	
175	N.D.	N.D.	N.D.	N.D.	Pass
176+193	N.D.	N.D.	N.D.	N.D.	Pass
178	N.D.	N.D.	N.D.	N.D.	Pass
179	N.D.	N.D.	N.D.	N.D.	Pass
182+217	N.D.	N.D.	N.D.	N.D.	Pass
186+191+204	N.D.	N.D.	N.D.	N.D.	Pass
187	N.D.	N.D.	N.D.	N.D.	Pass
200+202+203	N.D.	N.D.	N.D.	N.D.	Pass
201	N.D.	N.D.	N.D.	N.D.	Pass
206	N.D.	N.D.	N.D.	N.D.	Pass
209+210+231	N.D.	N.D.	N.D.	N.D.	Pass
212	N.D.	N.D.	N.D.	N.D.	Pass
216+228+229	N.D.	N.D.	N.D.	N.D.	Pass
221+224	N.D.	N.D.	N.D.	N.D.	Pass
226	N.D.	N.D.	N.D.	N.D.	Pass
233+235+240	N.D.	N.D.	N.D.	N.D.	Pass
237	N.D.	N.D.	N.D.	N.D.	Pass
238+262+263	N.D.	N.D.	N.D.	N.D.	Pass
242+244+256	N.D.	N.D.	N.D.	N.D.	Pass
252+253	N.D.	N.D.	N.D.	N.D.	Pass
259+267+271	N.D.	N.D.	N.D.	N.D.	Pass
260+268+269	N.D.	N.D.	N.D.	N.D.	Pass
264+265+275	N.D.	N.D.	N.D.	N.D.	Pass
272+289+291	N.D.	N.D.	N.D.	N.D.	Pass
276+277+278	N.D.	N.D.	N.D.	N.D.	Pass
279+280+281	N.D.	N.D.	N.D.	N.D.	Pass
288	N.D.	N.D.	N.D.	N.D.	Pass
292	N.D.	N.D.	N.D.	N.D.	Pass

Note: 1.N.D. = Not Detected (<MDL)
MDL = Method Detection Limit
1mg/kg = 1ppm =0.0001%
/=Not Regulated or Not Applicable
2. BL = Below the XRF screening limit
IN = Further chemical test will be conducted when the screening result inconclusive
OL = Further chemical test will be conducted while the result is above the screening limit.
3. For metal samples, the sample is negative for Cr(VI), if the Cr(VI) concentration is less than 0.10 $\mu\text{g}/\text{cm}^2$, the coating is considered a non- Cr(VI) based coating;
The sample is positive for Cr(VI), if the Cr(VI) concentration is greater than 0.13 $\mu\text{g}/\text{cm}^2$,
The sample coating is considered to contain Cr(VI);
The result is considered to be inconclusive, the Cr(VI) concentration is between the 0.10 $\mu\text{g}/\text{cm}^2$ and 0.13 $\mu\text{g}/\text{cm}^2$, unavoidable coating variations may influence the determination.
Because the storage condition and production date of the sample are not known, the test results of the sample of hexavalent chromium can only represent the state of hexavalent chromium in the samples tested.

Remark: 1. When conducting the test for PBBs&PBDEs, XRF was introduced to screen Br Exclusively; When conducting the test for Hexavalent Chromium, XRF was introduced to screen Chromium exclusively.
2. According to the client's statement , the material of the sample(s) comply with RoHS directive 2011/65/EU Annex III Exemption, Corresponding exemption clause:
#1 6(c) Lead is exempted as copper alloy containing up to 4% lead by weight.
#2 7(a) Lead is exempted as Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead).
3. *No.175 Resubmitted Date: Apr.23, 2026.

Test Method:

1. With reference to IEC 62321-1: 2013 Ed.1.0, IEC 62321-2:2021 Ed.2.0, IEC 62321-3-1:2013 Ed.1.0.

XRF screening limits in mg/kg for regulated elements in various matrices.

Element	Limit of IEC 62321-3-1:2013 Ed.1.0 (mg/kg)		
	Polymers	Metals	Composite material
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Br	$BL \leq (300-3\sigma) < X$	/	$BL \leq (250-3\sigma) < X$

Note: BL= Below the XRF screening limit
 OL=Over the XRF screening limit
 X=The symbol "X" marks the region where further investigation is necessary.
 3σ =The reproducibility of analytical instruments
 LOD= Detection limit

2. Chemical Test

Test item	Test method	Test instrument	MDL	Limit [△]
Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	1000 mg/kg
Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	100 mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	2 mg/kg	1000 mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015 Ed.1.0	UV-Vis	0.10 $\mu\text{g}/\text{cm}^2$	1000 mg/kg
	IEC 62321-7-2:2017 Ed.1.0		8 mg/kg	
Polybrominated Biphenyls(PBBs)	IEC 62321-12:2023 Ed.1.0	GC-MS	5 mg/kg	1000 mg/kg
Polybrominated, Diphenyl Ethers(PBDEs)	IEC 62321-12:2023 Ed.1.0	GC-MS	5 mg/kg	1000 mg/kg
Bis-(2-ethylhexyl) Phthalate (DEHP)	IEC 62321-12:2023 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
Benzyl butyl Phthalate (BBP)	IEC 62321-12:2023 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
Dibutyl Phthalate (DBP)	IEC 62321-12:2023 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
Diisobutyl Phthalate (DIBP)	IEC 62321-12:2023 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg

[△]The limit is quoted from RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

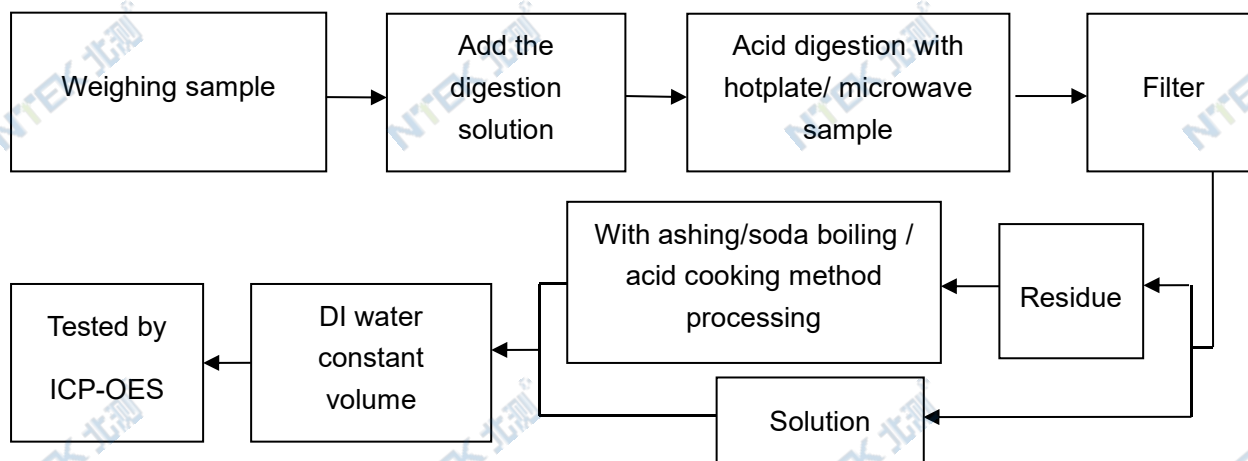
Test instrument:

Test instrument	Instrument model	Calibration effective date
EDXRF	EDX1800B	2027-03-05
ICP-OES	ICAP PRO X	2028-04-26
GC-MS	QP-2010	2026-10-08
UV-vis	T6	2026-06-03
EDXRF	EDX-LE Plus	2027-03-05

Test Flow:

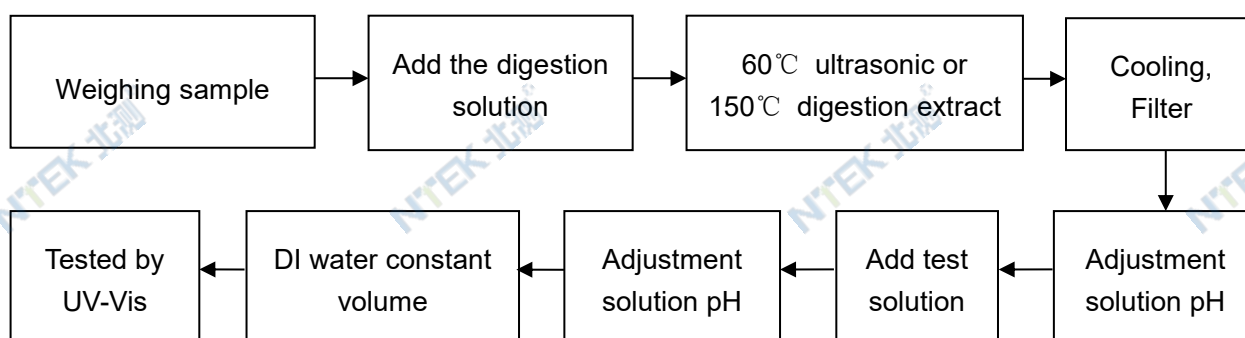
1. Lead(Pb), Cadmium(Cd) , Mercury (Hg)

The sample is completely digested according to the procedure described below

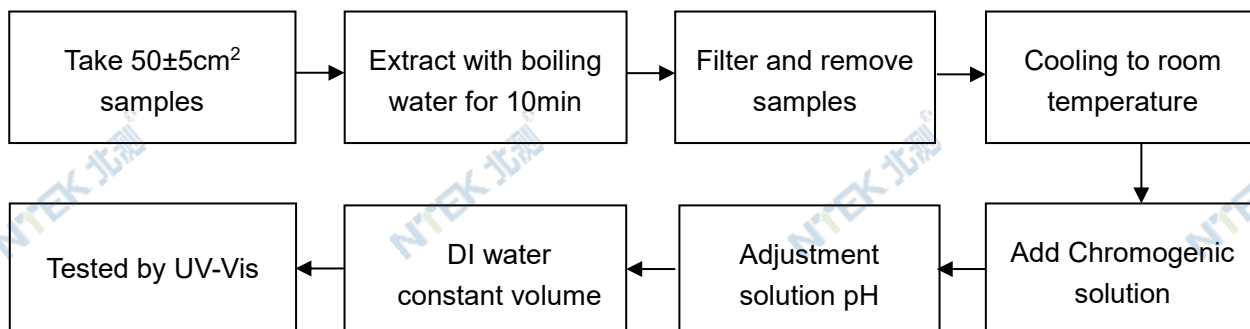


2. Hexavalent Chromium(Cr(VI))

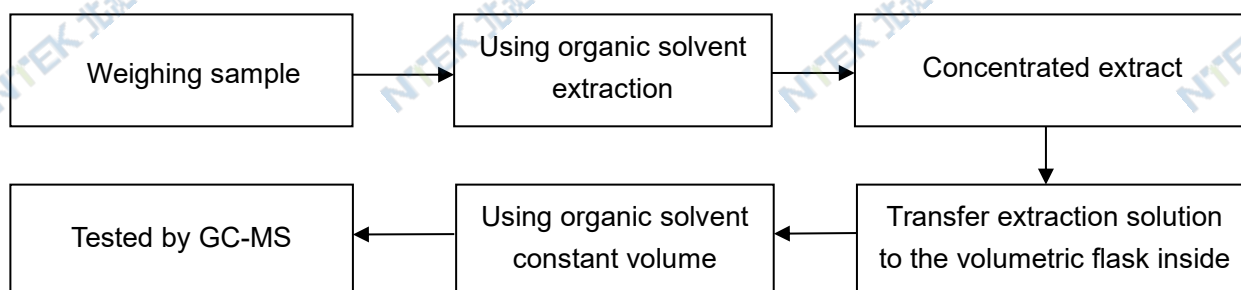
2.1 Non- metal sample(s)



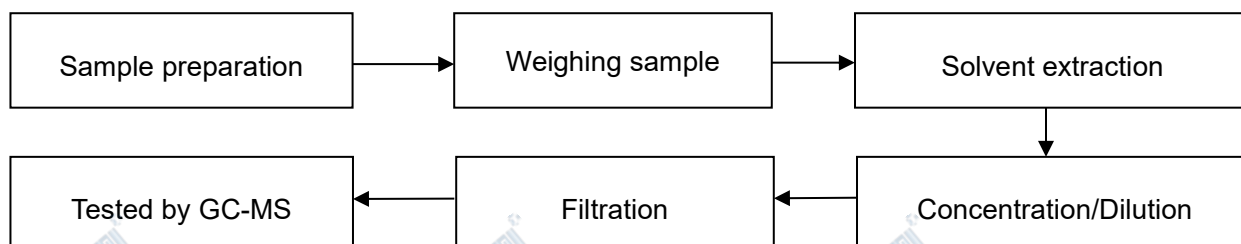
2.2 Metal sample(s)



3. PBBs/ PBDEs



4. Phthalates



Sample photo(s):

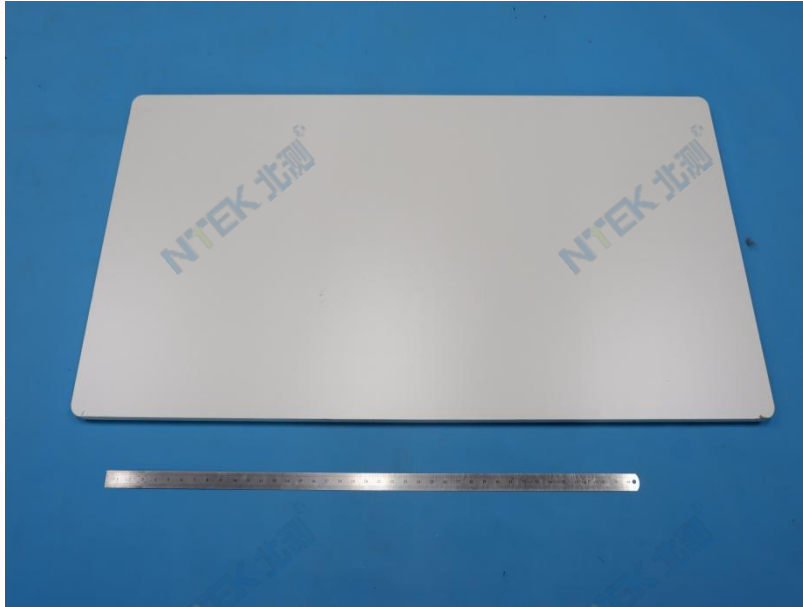


Fig.1(Finished photo)

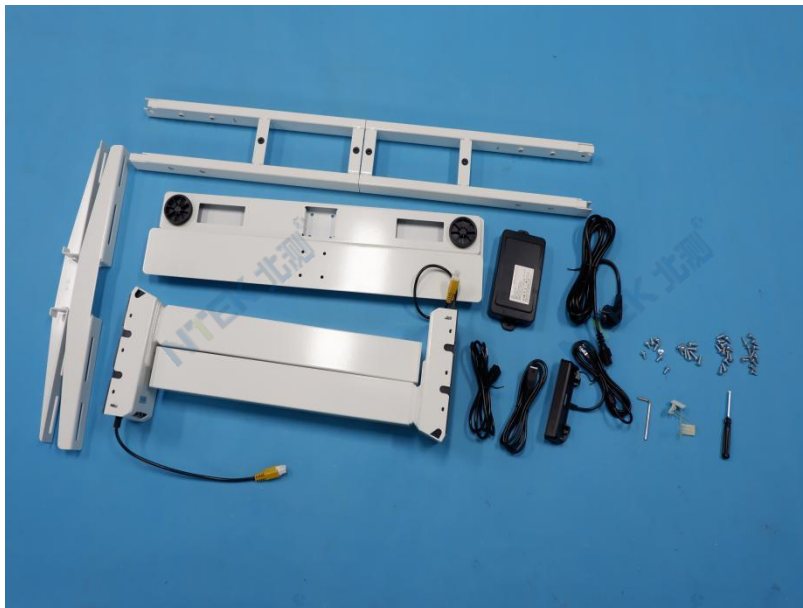


Fig.2(Finished photo)

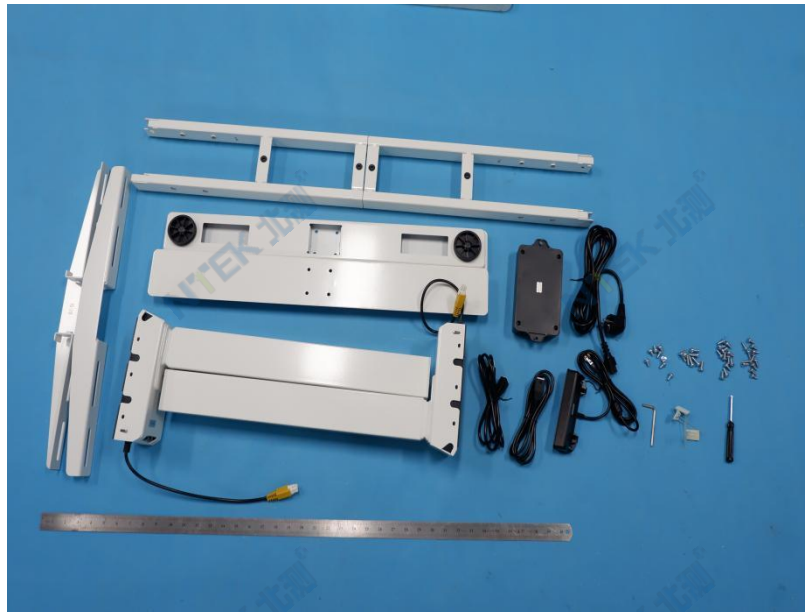


Fig.3(Finished photo)



Fig.4

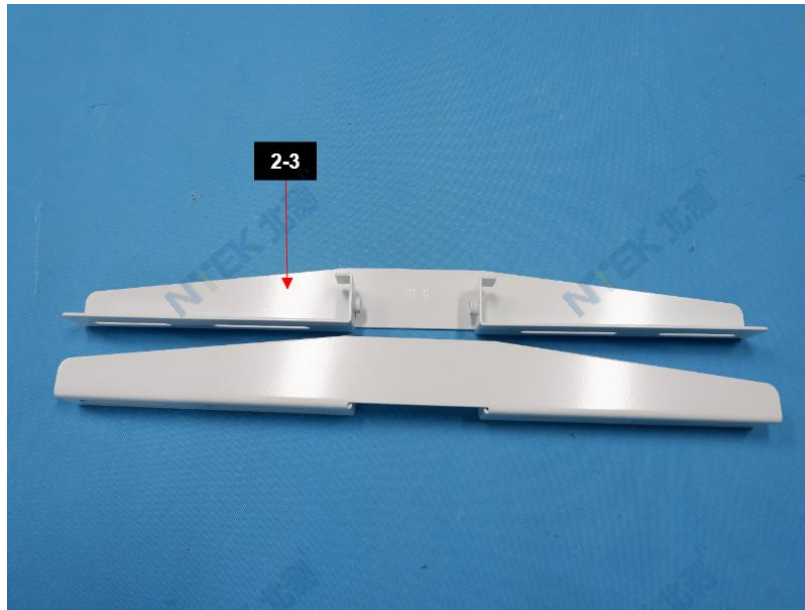


Fig.5

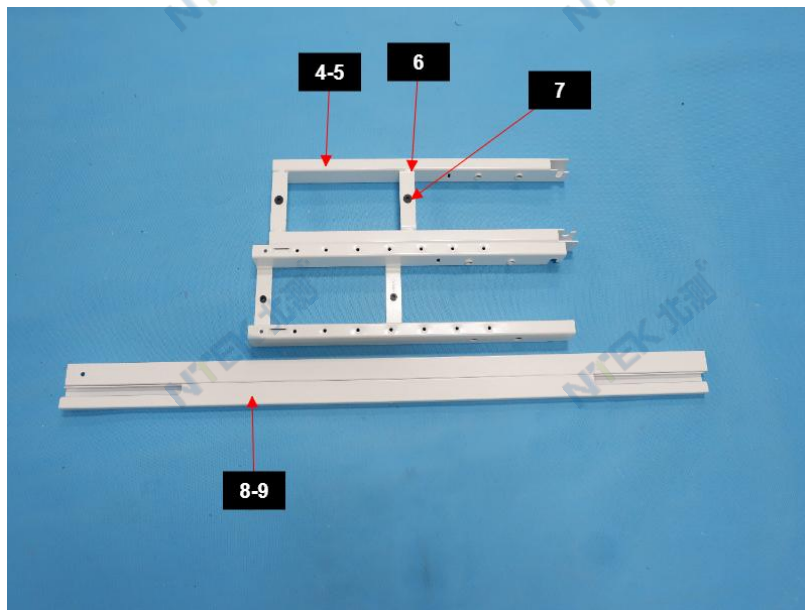


Fig.6

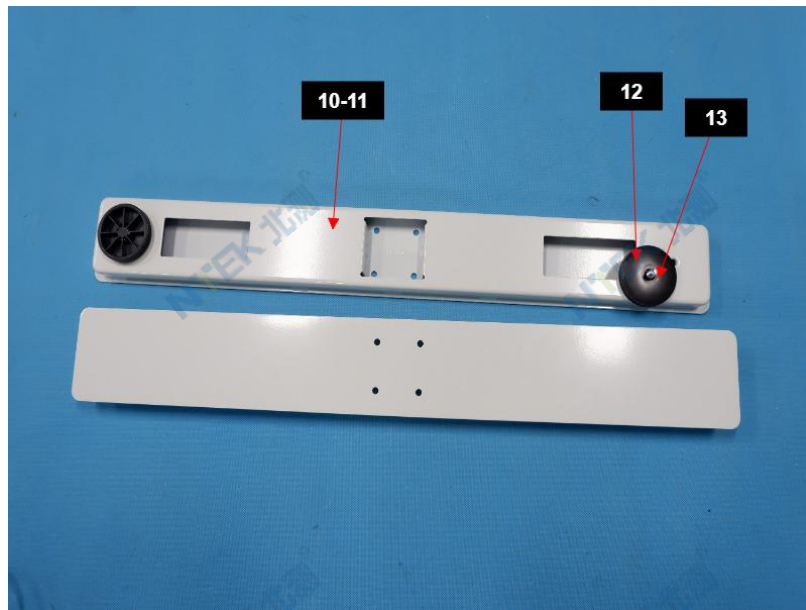


Fig.7

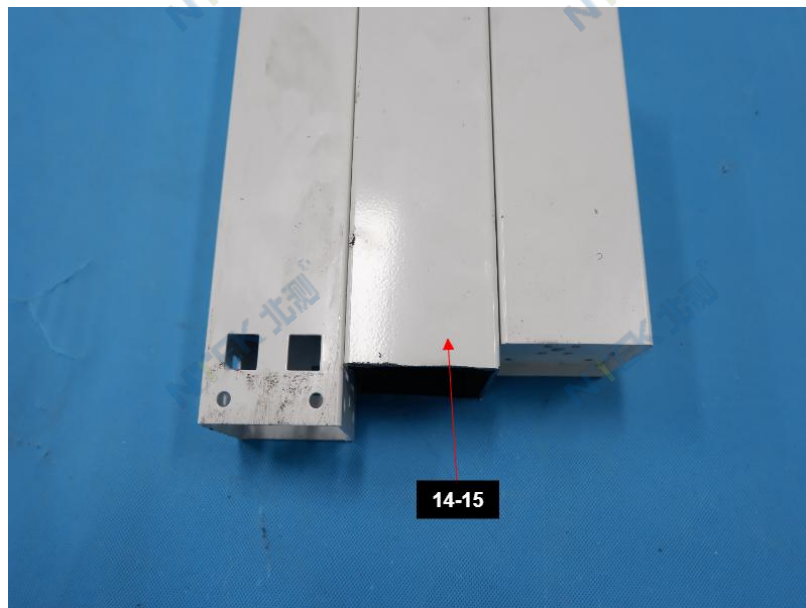


Fig.8

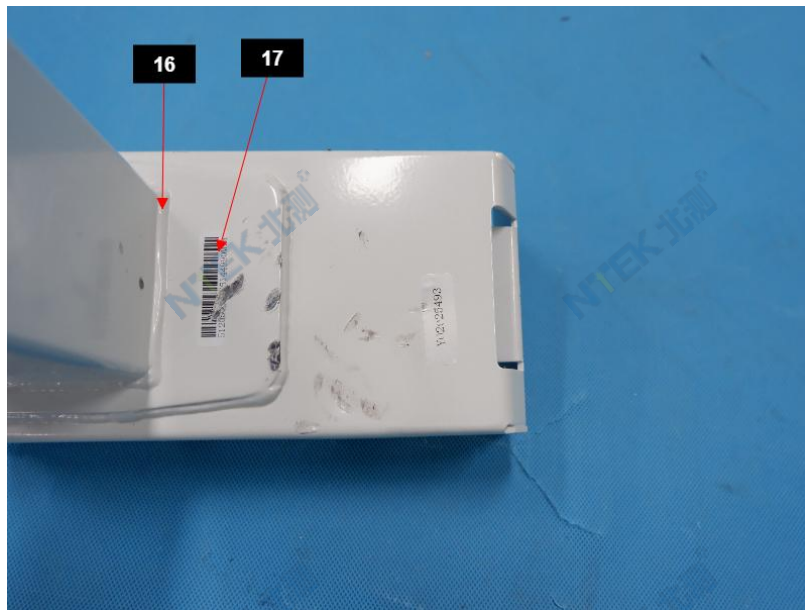


Fig.9

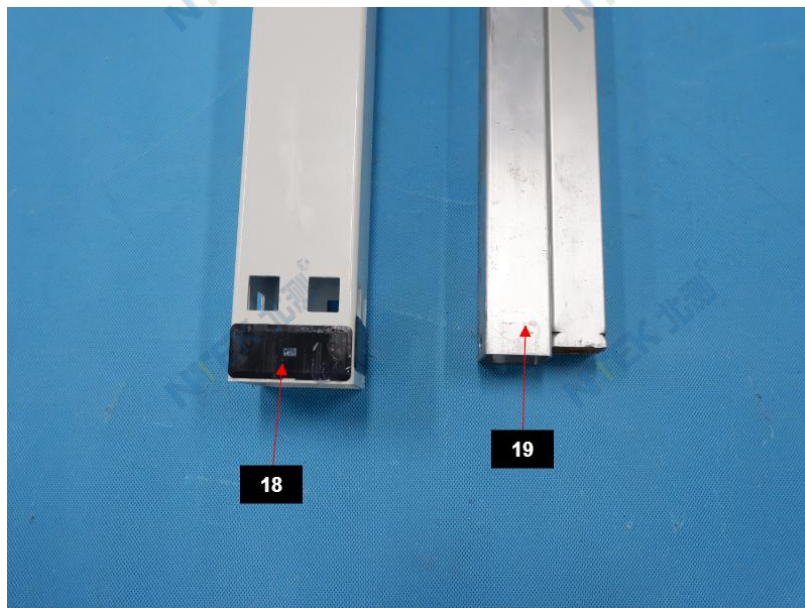


Fig.10



Fig.11

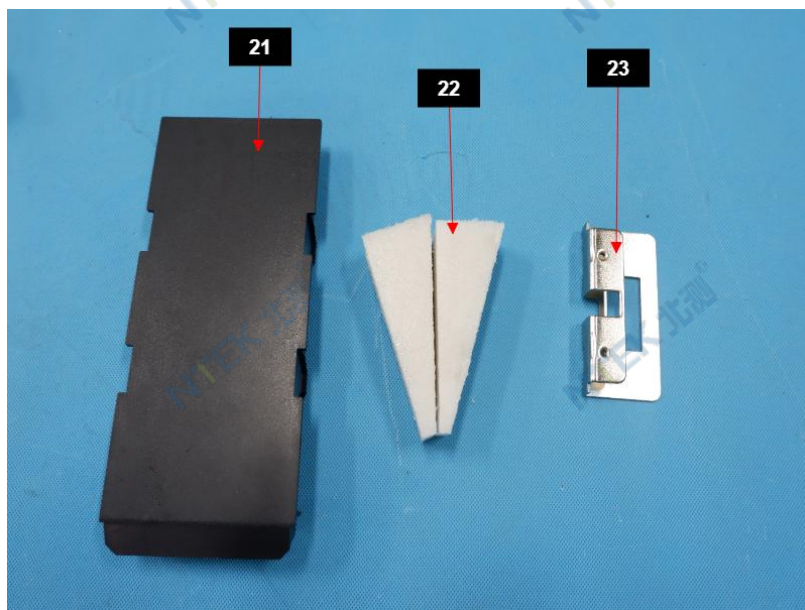


Fig.12

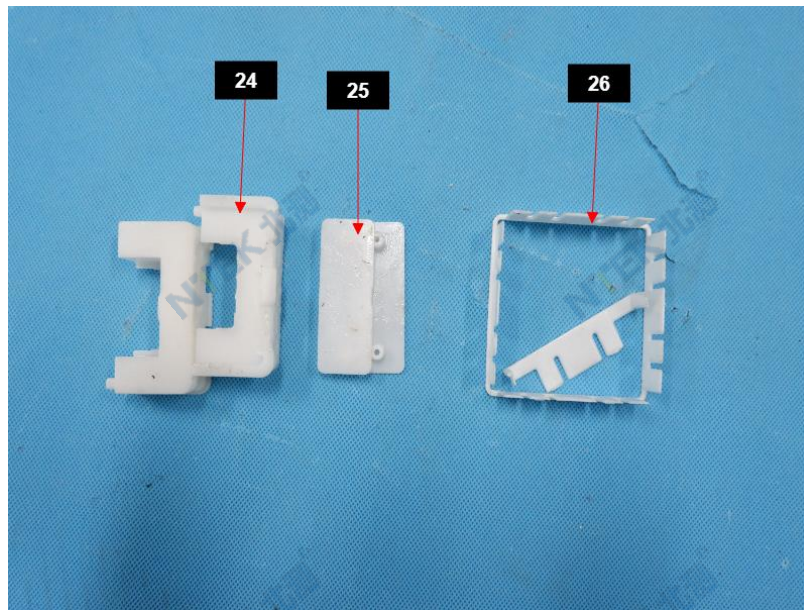


Fig.13

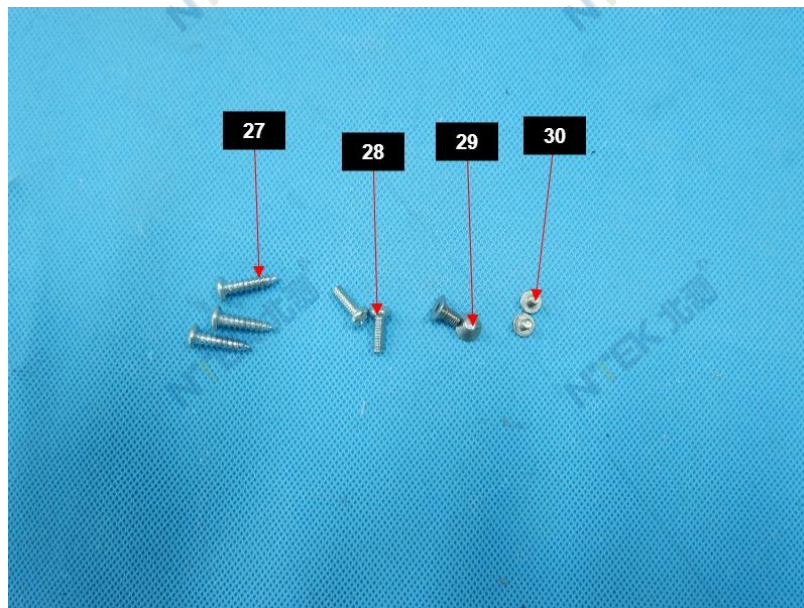


Fig.14

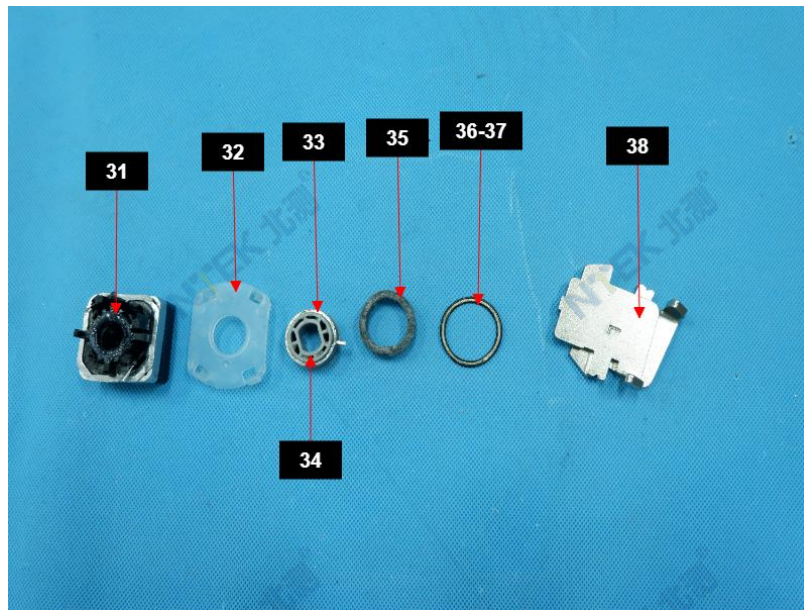


Fig.15

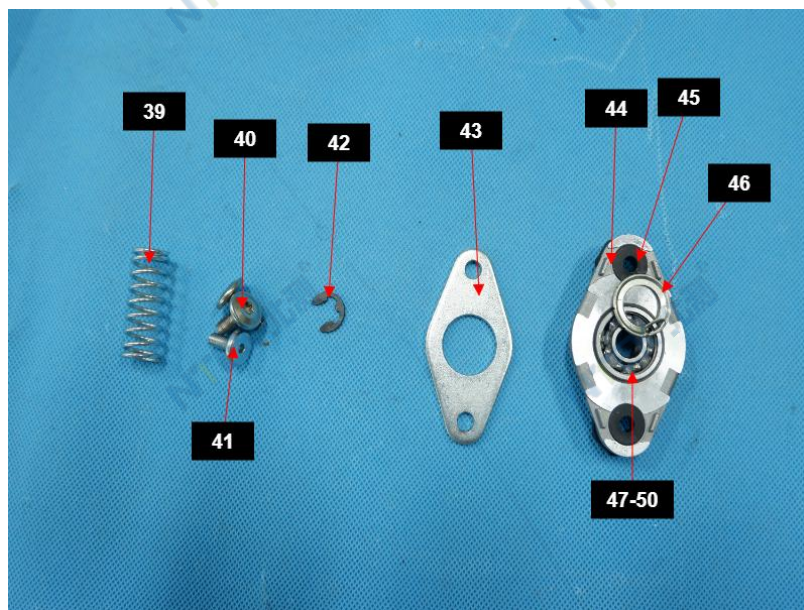


Fig.16

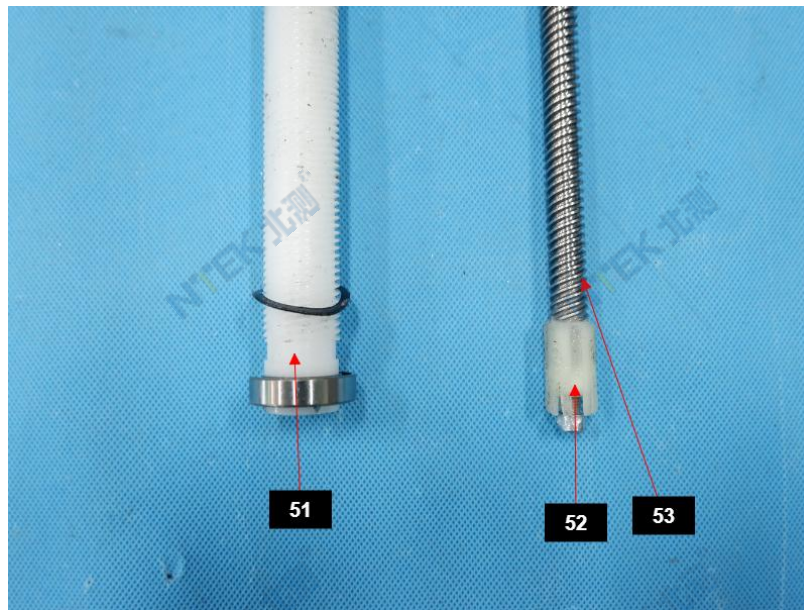


Fig.17

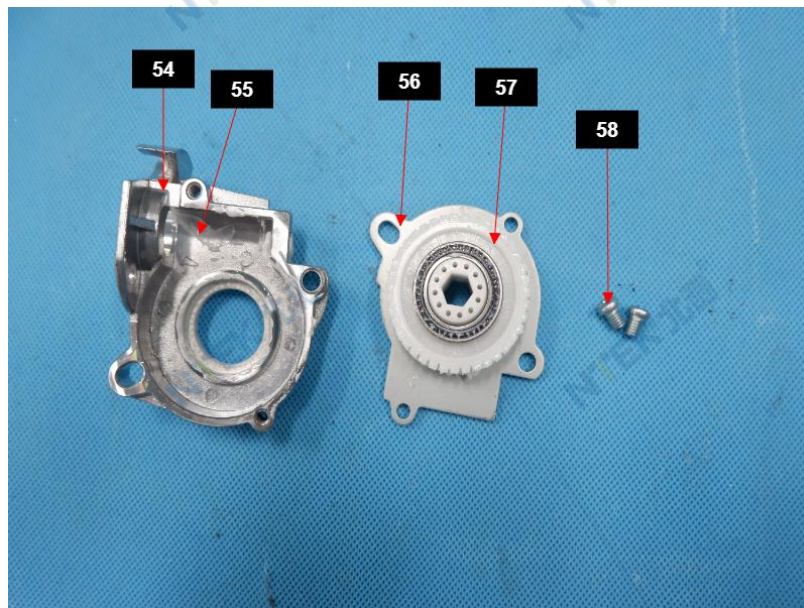


Fig.18



Fig.19



Fig.20



Fig.21

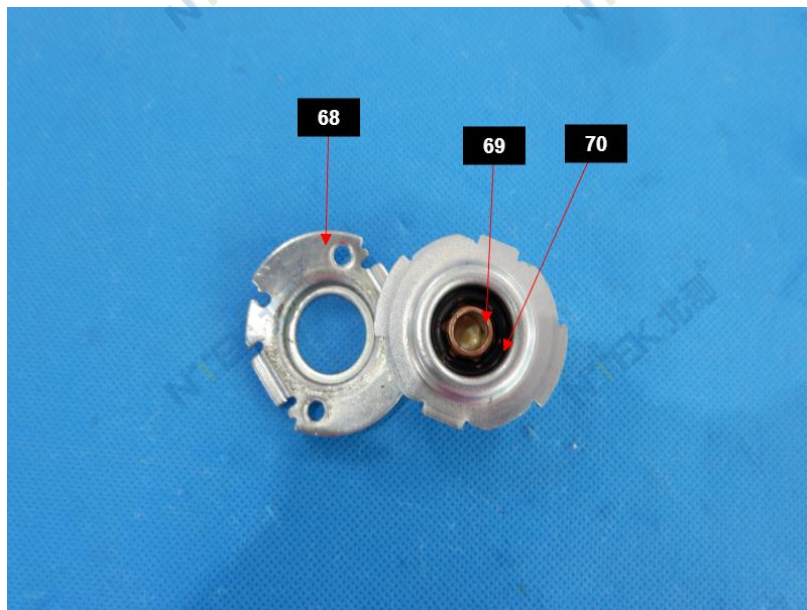


Fig.22

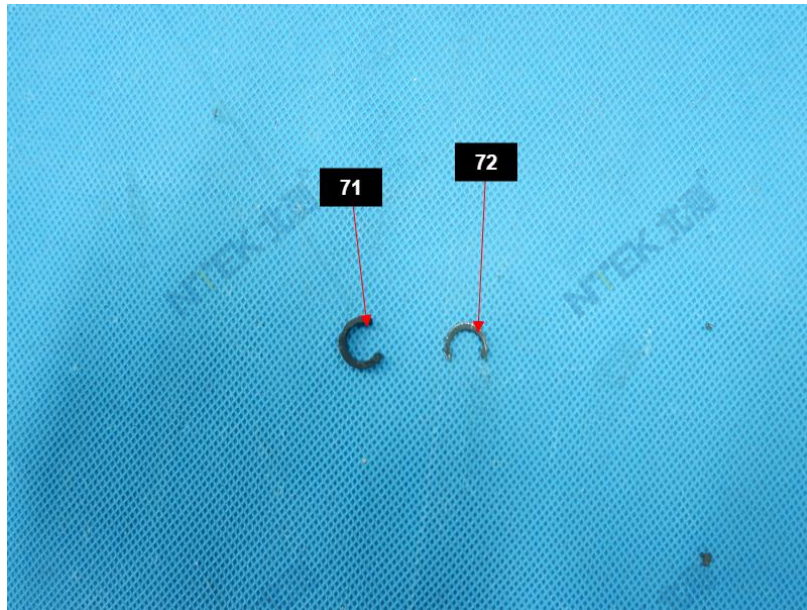


Fig.23



Fig.24

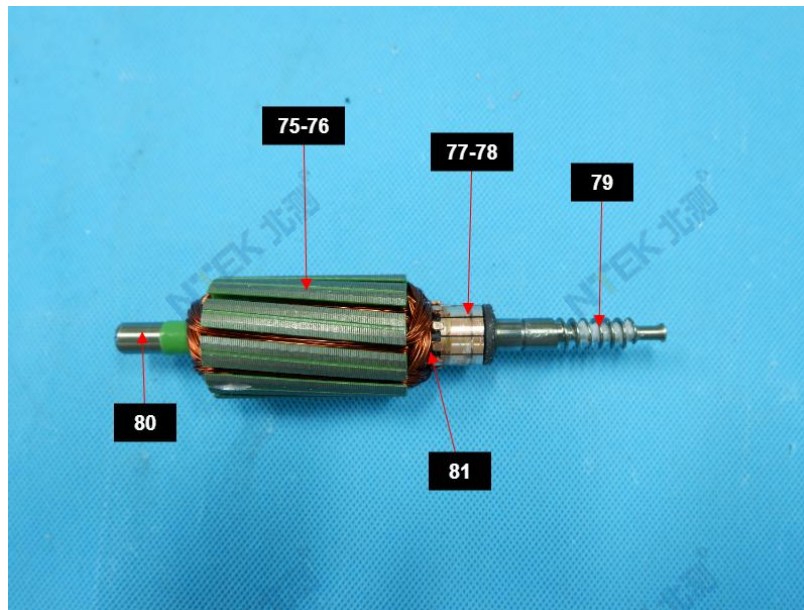


Fig.25



Fig.26

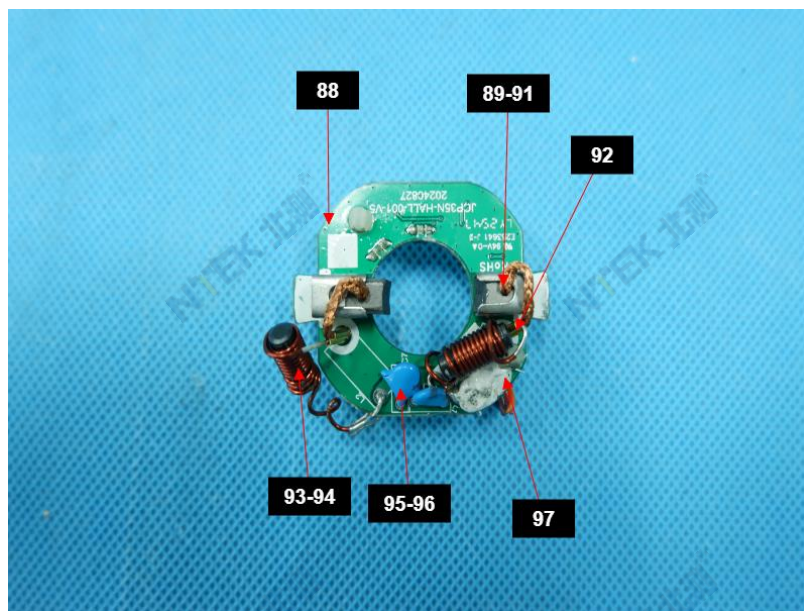


Fig.27

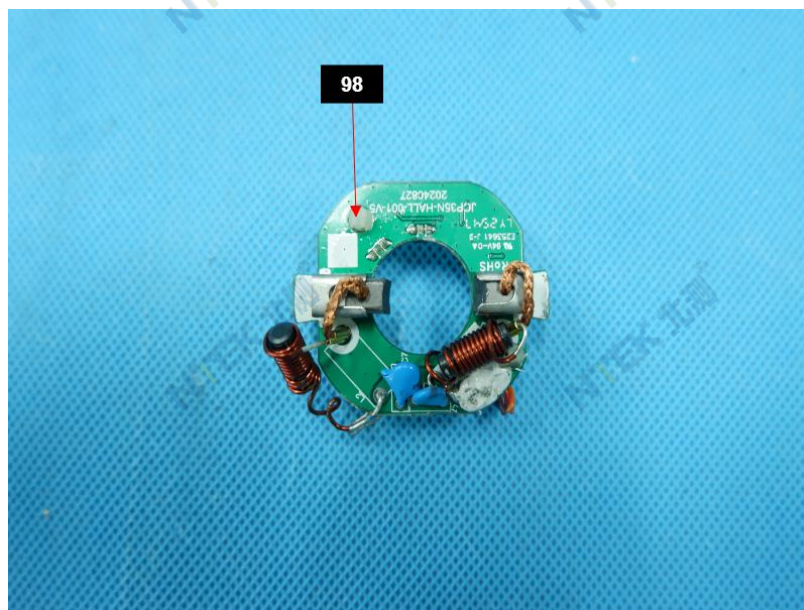


Fig.28



Fig.29

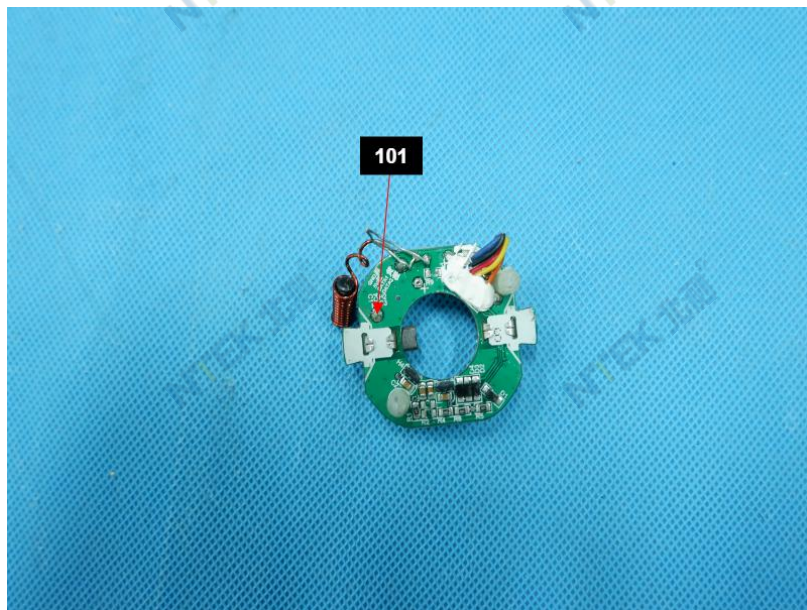


Fig.30

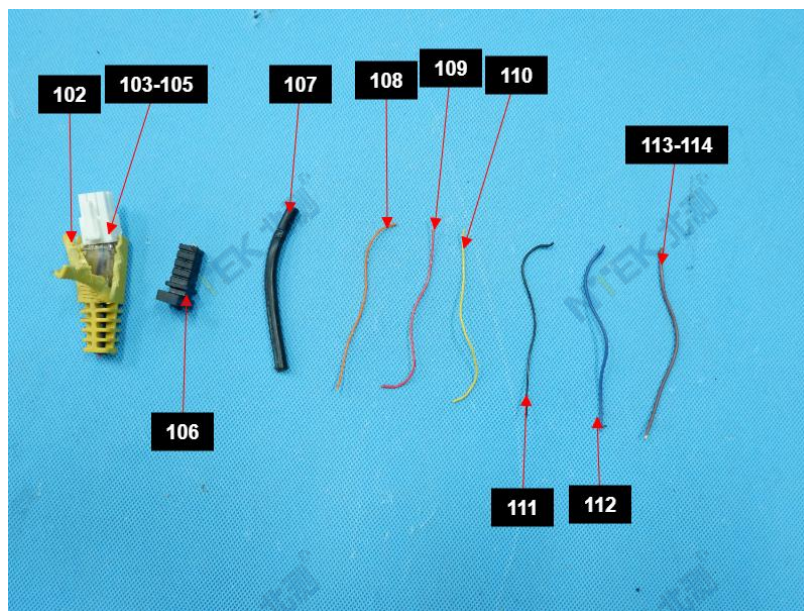


Fig.31



Fig.32

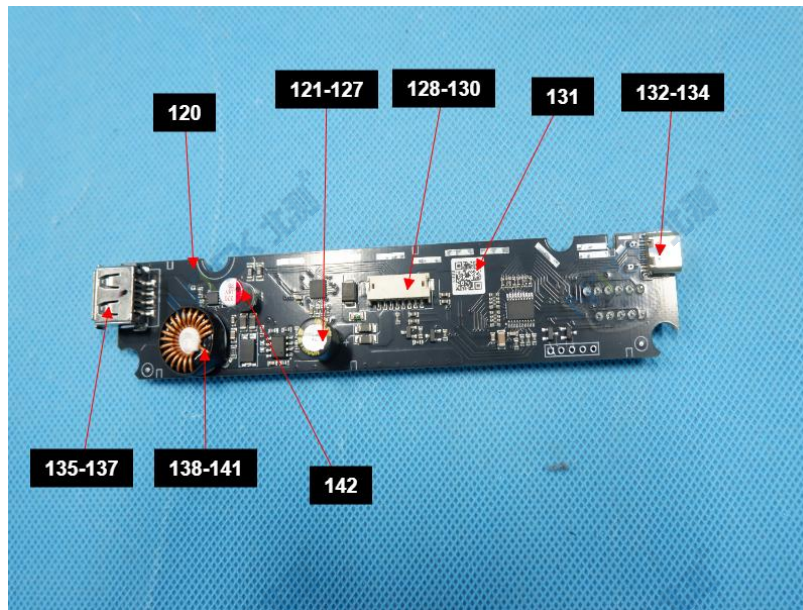


Fig.33

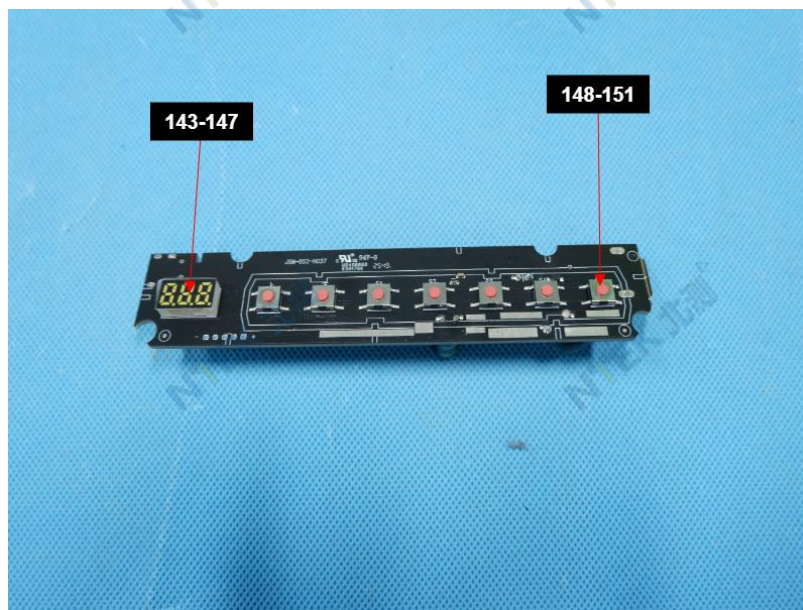


Fig.34

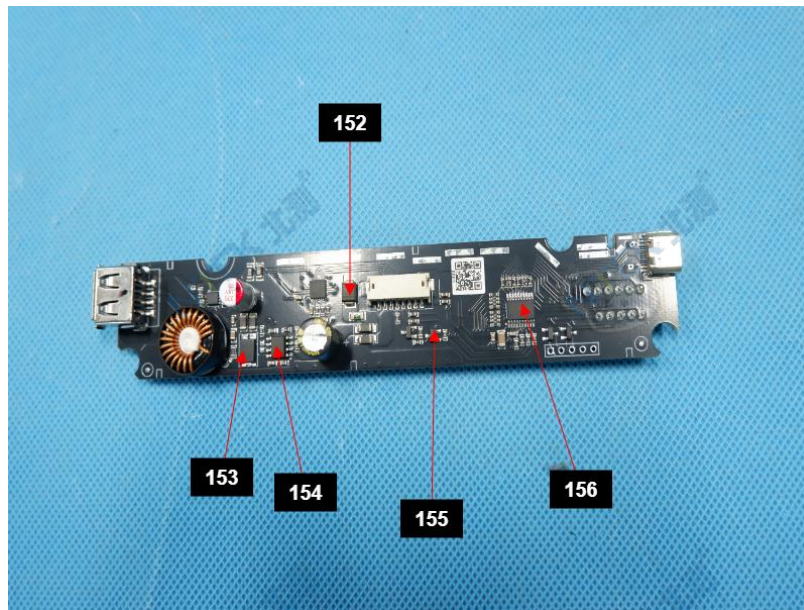


Fig.35

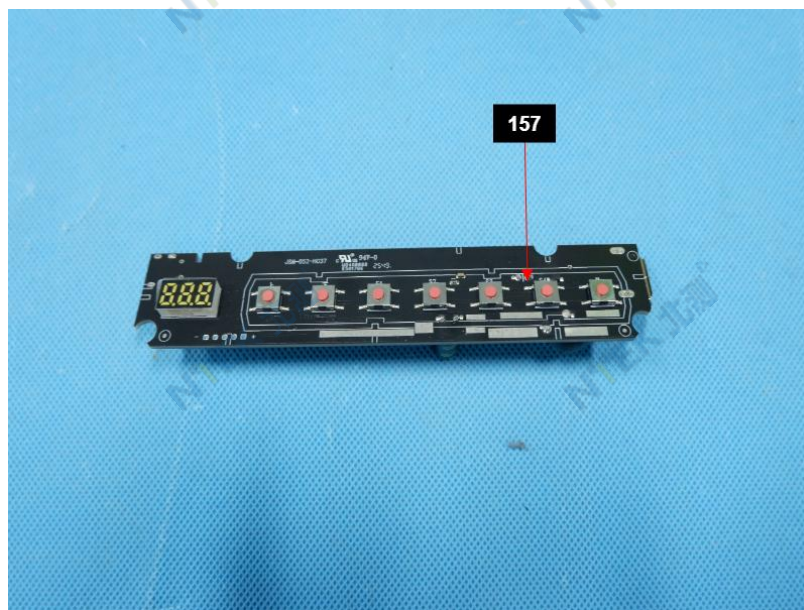


Fig.36

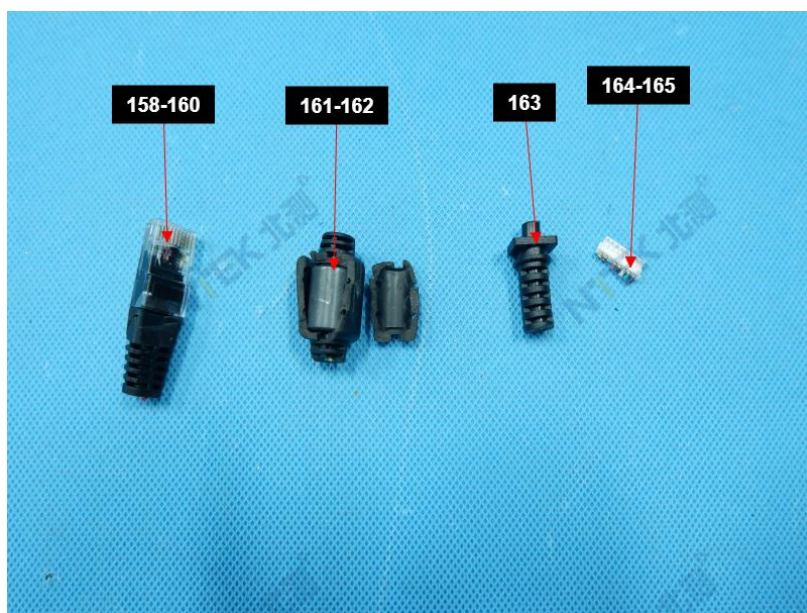


Fig.37

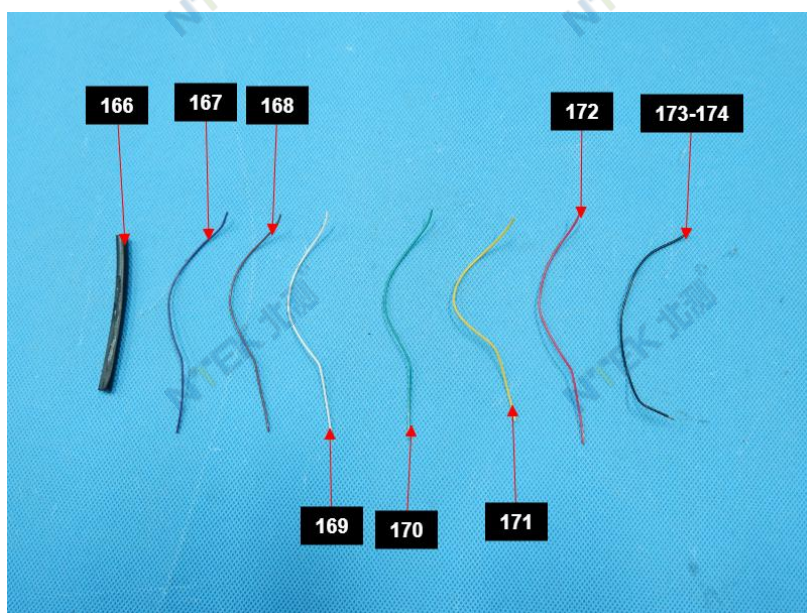


Fig.38



Fig.39



Fig.40

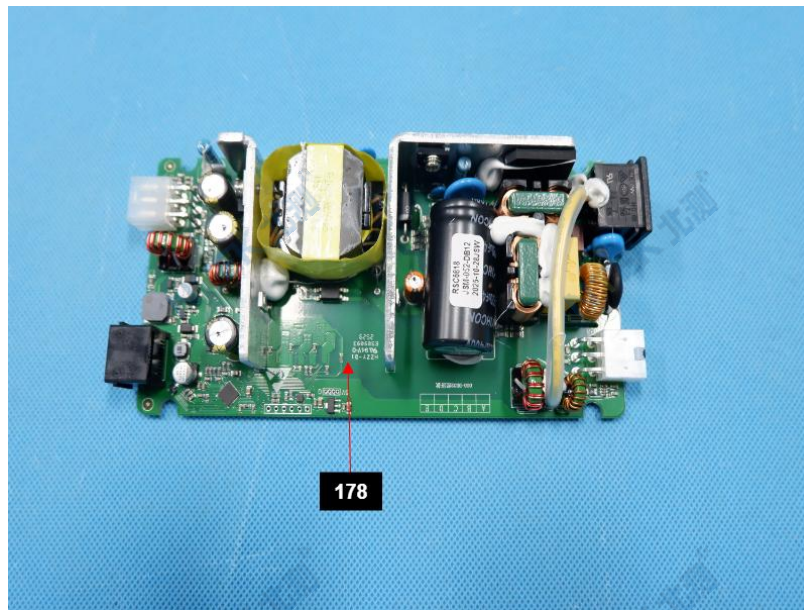


Fig.41

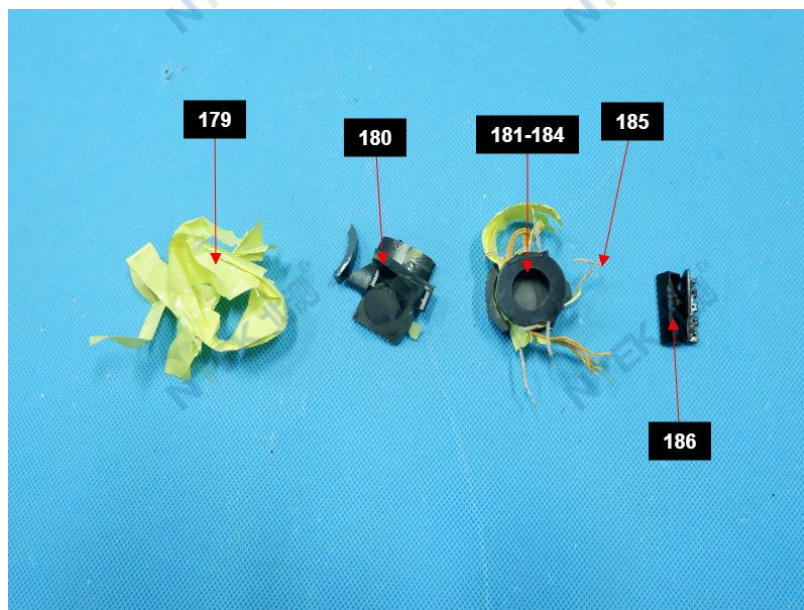


Fig.42

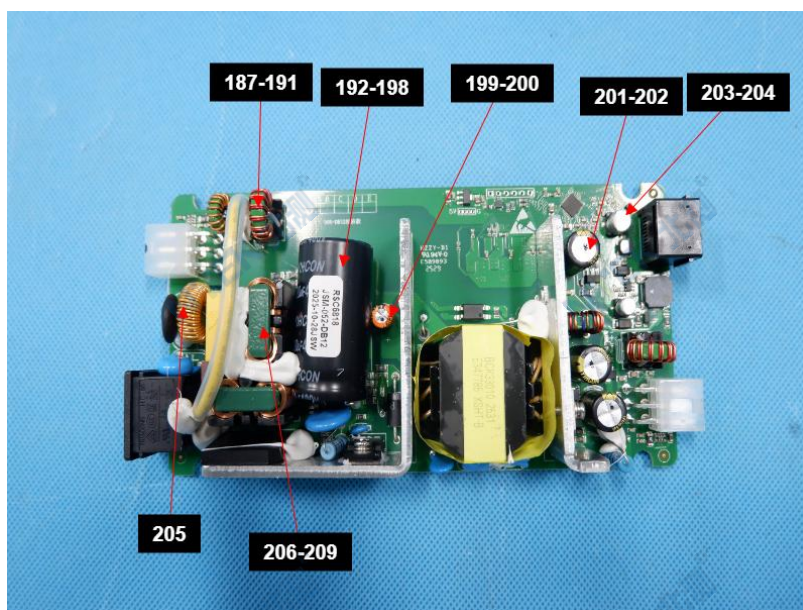


Fig.43

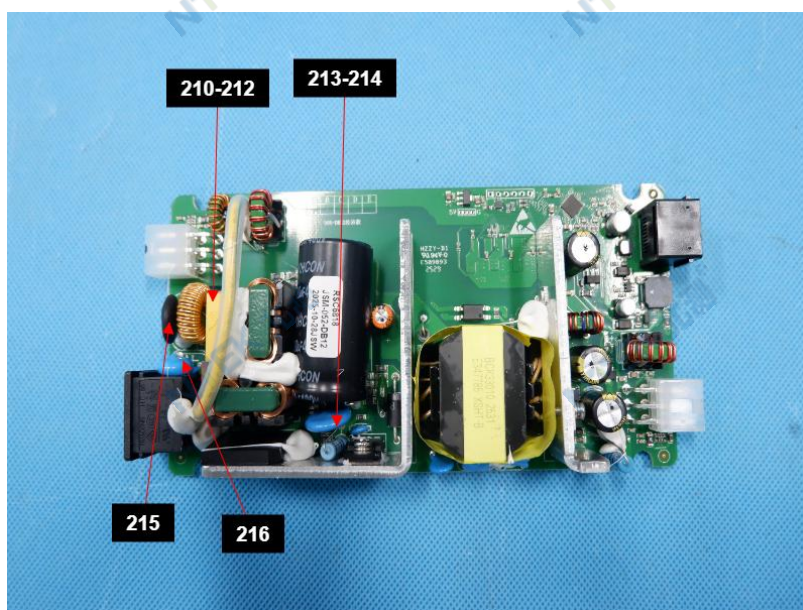


Fig.44

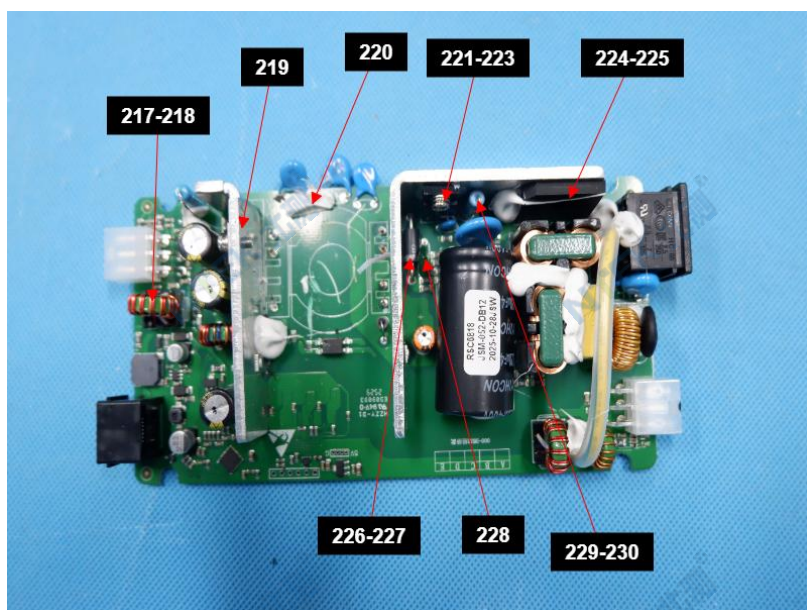


Fig.45

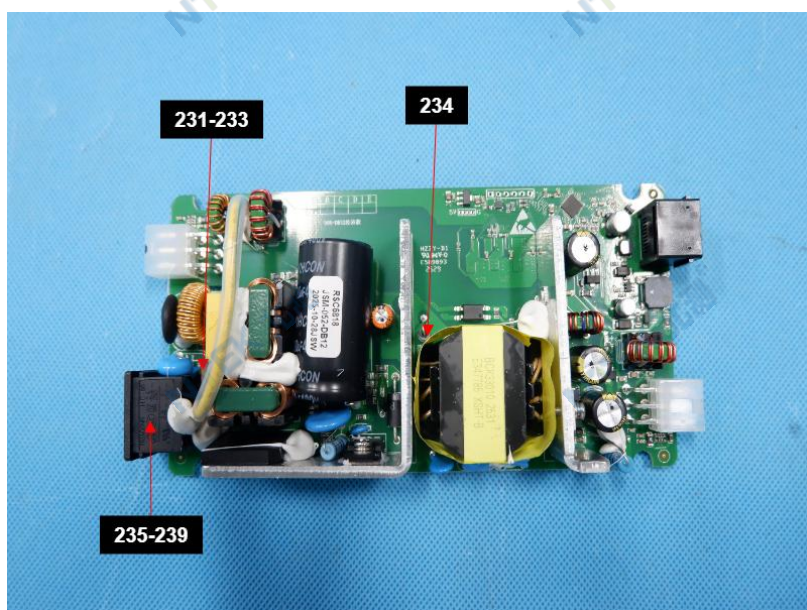


Fig.46

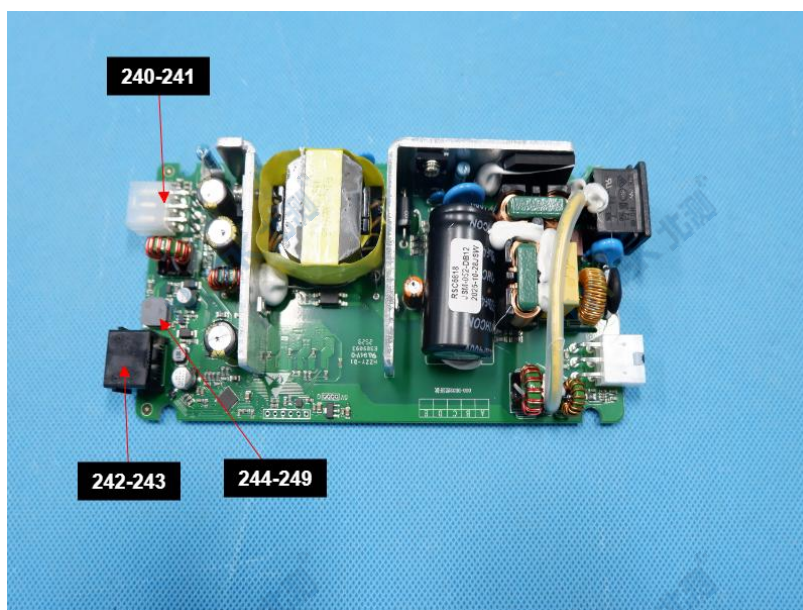


Fig.47

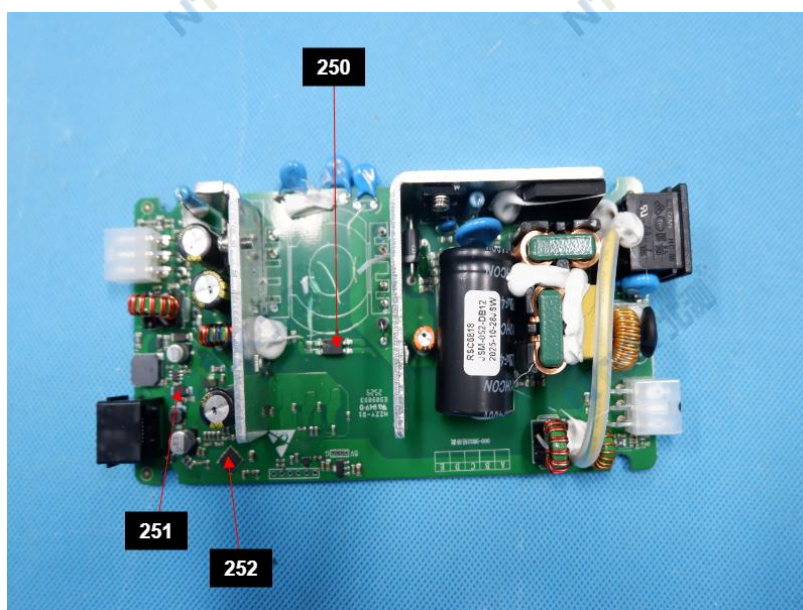


Fig.48

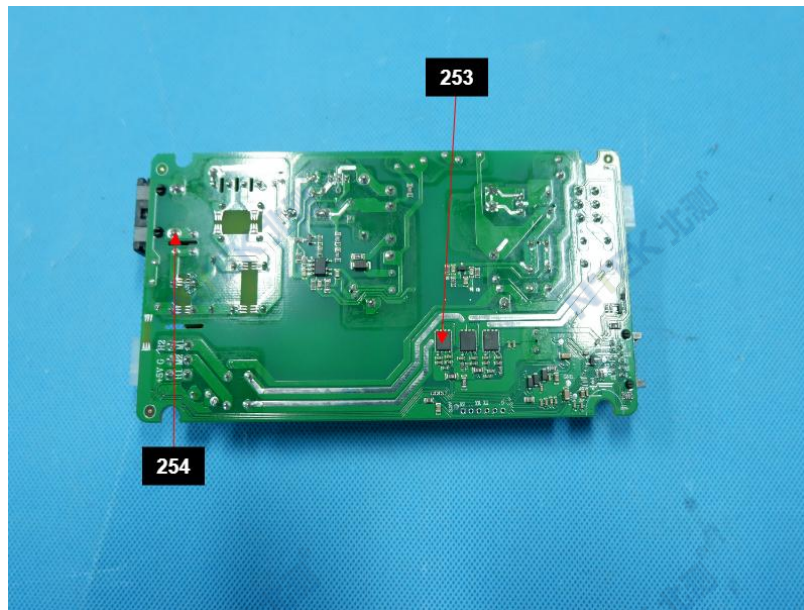


Fig.49

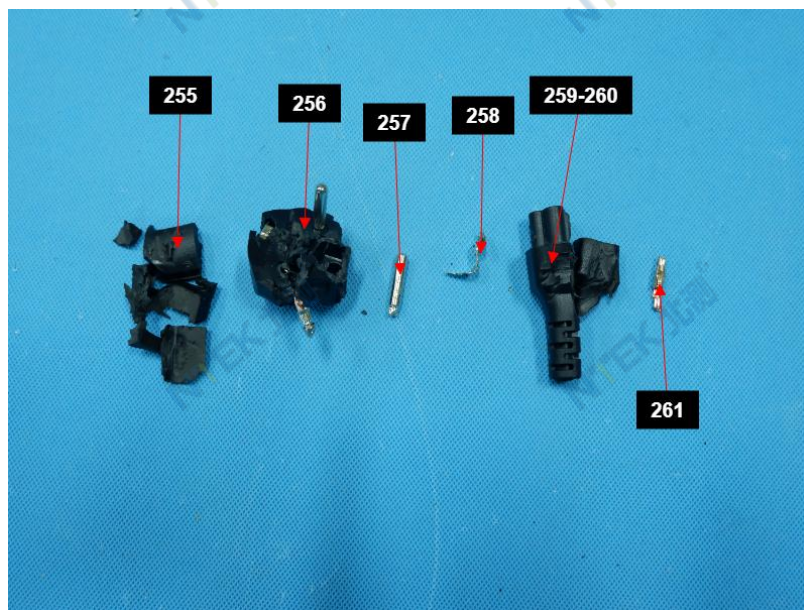


Fig.50



Fig.51



Fig.52



Fig.53



Fig.54



Fig.55

****End of Report****

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