

Prepared for:

EDA Technology Shanghai Co.,Ltd

Building 29, Shengchuang Enterprise Park, No.1661 Jialuo Road, Jiading District, Shanghai, PRC

Product Name: ED-IPC2600

ED-IPC2610, ED-IPC2612, ED-IPC2613, ED-IPC2614

Model No.: ED-IPC2620, ED-IPC2622, ED-IPC2623, ED-IPC2624

ED-IPC2630, ED-IPC2632, ED-IPC2633, ED-IPC2634

Trade Mark: EDA

Date of Test: From June 20, 2024 to June 27, 2024

Date of Report: July 16, 2024

Report Number: HK2406199666-1RR

Prepared by:

Shenzhen HUAK Testing Technology Co., LTD.

1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

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Approved by:

Lab Manager

TEST REPORT

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Information of the Test Laboratory

Shenzhen HUAK Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community,

Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:

A2LA Accreditation Code is 4781.01.

FCC Designation Number is CN1229.

Canada IC CAB identifier is CN0045.

CNAS Registration Number is L9589.

CPSC Certification Number is 1710.

Test Method:

- 1. Sample prepared with reference to IEC 62321-1:2013 / IEC 62321-2:2021
- 2. Sample Screening testing with reference to IEC 62321-3-1:2013
- 3. Wet Chemical Test Method
 - a. Determination of Lead, Cadmium by ICP-OES with reference to IEC 62321-5:2013
 - b. Determination of Mercury by ICP-OES with reference to IEC 62321-4:2013+AMD1:2017
 - c. Determination of Hexavalent Chromium in colourless and coloured corrosion-protected coatings on metals by UV-VIS method reference to IEC 62321-7-1:2015
 - d. Determination of Hexavalent Chromium in polymers and electronics by UV-Vis Method with reference to IEC 62321-7-2:2017.
 - e. Determination of PBBs and PBDEs by GC-MS with reference to IEC 62321-6:2015
 - f. Determination of DBP, BBP, DEHP and DIBP by GC-MS with reference to IEC 62321-8:2017

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Test Results:

Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	W TESTING	Pb	BL	HUAK TE	Comply
	O HUAN	Cd	BL		Comply
		Hg	BL	LAKTESTING	Comply
45	ING TESTING	Cr(VI)	BL ^{mc}	HO	Comply
HUAKTE	White coating	PBBs	HUAN	HUAK TE	NA
	(Silver metal)	PBDEs			NA
		DBP	Olo		NA
UAKTESTIN	HUAKTESTING	BBP	WILL TESTING	WAK TESTING	NA
	0,	DEHP		<u></u>	NA
ESTING	.6	DIBP	-6	X TESTING	NA
	- JUAN TESTING	Pb	MY TESTING BL	O HO.	Comply
		Cd	BL	TING-	Comply
		Hg	BL	HUAK TES	Comply
JAK TES	ING - JUAN TESTING	Cr(VI)	BL	JOK TESTIN	Comply
2	Plack plactic	PBBs	BL	W. Ho.	Comply
2	Black plastic	PBDEs	BL		Comply
ESTING	ESTING	DBP	ESTING	N.D.	Comply
UAK	MAKIL	BBP	HUAKT	N.D.	Comply
-ING		DEHP		N.D.	Comply
ESTI	STING	DIBP	STRIG-	N.D.	Comply
	HUAKTE	Pb	BL		Comply
		Cd	BL	TESTING	Comply
	NG STING	Hg	BL _N 🚳	HUAR	Comply
HUAKTES	HUAKTE	Cr(VI)	BL	HUAK TES	Comply
2	Black coating	PBBs			NA
3	(silver metal screws)	PBDEs			NA
AK TESTING	AK TESTING	DBP	ANTESTING	OK TESTING	NA
Or	() HOW	BBP	O HUM	W HOW	NA
ESTING		DEHP		TESTING	NA
	V TESTING	DIBP	W TESTING	HUAKT	NA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS	
ESTING		Pb	BL	V TESTING	Comply	
	LAKTESTING	(Cd	BL	MIAN	Comply	
	O HO	Hg 💮 💮	BL	-m/G-	Comply	
	Black, silver	Cr(VI)	BL	HUAKTESTA	Comply	
4	coating	PBBs	BL	AKTESTIN	Comply	
H. 4	(transparent plastic viscose)	PBDEs	BL	HUAN	Comply	
	plastic viscose)	DBP		N.D.	Comply	
-STING	STING	BBP	STING	N.D.	Comply	
UAKTE	HUAKTE	DEHP	HUAKTE	N.D.	Comply	
NG.	*	DIBP		N.D.	Comply	
ES.III	TING	Pb	BL	HUAYTEST	Comply	
	HUAKTES	Cd	BL	——	Comply	
		Hg	BL	TESTING	Comply	
	ne cune	Cr(VI)	BL _N G (6)	HUAK .	Comply	
HUAK TES	HIAK TEST	PBBs	HUAK TES	HUAKTEST	NA	
3	Silver screw	PBDEs		<u></u>	NA	
		DBP			NA	
AK TESTING	AKTESTING	BBP	OK-ESTING	OK TESTING	NA	
Or.	(C) HOW	DEHP	O HO	O HOW	NA	
ESTING		DIBP		-TSTING	NA	
	AK TESTING	Pb	W.TESTING BL	HUAK !	Comply	
	Mylan Holan	Cd	BL		Comply	
		Hg	BL	WAX TESTING	Comply	
15	NG ON TESTING	Cr(VI)	BL BL	TESTI	Comply	
6	White costing	PBBs	BL	HUAK.	Comply	
U	White coating	PBDEs	BL		Comply	
TING	TING	DBP		-myG	NA	
UAK TES.	HUAKTES	BBP	HUAKTES	THE AK TES	NA	
		DEHP		<u></u>	NA	
ESTINIC	,n/G	DIBP	-11/2	ALTESTING	NA	

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING	6	Pb	BL	OK TESTING	Comply
	HAKTESTING	(Cd	BL	MIA	Comply
ò		Hg 💮 💮	BL	mG-	Comply
		Cr(VI)	BL	HUAKTEST	Comply
7 TES	Small silver metal	PBBs	TAK TESTING	ALTESTI	NA
D HUND	screws	PBDEs		HUAN	NA
		DBP			NA
-STING	CTING	BBP		STING	NA
WAKTES	HUAKTES	DEHP	HUAKTE	AND AKTES	NA
.16		DIBP			NA
ESTITUTE	TING	Pb	BL	WAY TESTIN	Comply
	HUAK TES	Cd	BL	<u></u>	Comply
		Hg	BL	TESTING _	Comply
	NG TING	Cr(VI)	BL @	HIVER I	Comply
WHAK TES	O HUAKTES	PBBs	BL	HUAK TESTI	Comply
8	Gray coating	PBDEs	BL	<u></u>	Comply
		DBP			NA
N TESTING	K TESTING	BBP	W.T.STING	X TESTING	NA ~
No.	O HUAN	DEHP	MHUAT	M HUAN	NA
STING		DIBP		GTNG	NA
	W TESTING	Pb	BL	HUAK	Comply
	HUAN	Cd	BL		Comply
		MULLY TESTING Hg	BL	LAK TESTING	Comply
45	ING TESTING	Cr(VI)	BL ®	ESTI	Comply
HUAKIL	A HUAN	PBBs	HUAN	HUAKTA	NA
9	Silver metal	PBDEs			NA
-m ^G	-m/G	DBP	_M G	O	NA
UAKTESTIL	HUAKTEST	BBP	HUAKTESTI	THE AK TESTIN	NA
E	(3)	DEHP		<u> </u>	NA
ESTING	a)G	DIBP	-01/5	AKTESTING	NA

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No. Part Name Substances EDXRF (1) Testing (2) (mg/kg) Pb BL 0 Cd BL 0 Hg BL 0 Cr(VI) BL 0 PBBs PBDEs DBP DEHP DIBP	clusion on
Cd BL (1) Hg BL (1) Cr(VI) BL (1) PBBs PBDEs DBP DEHP DIBP	RoHS
Hg BL (Cr(VI) BL (DBP DBP	Comply
Cr(VI) BL OF CRIME SILVER SCIENT SCIENT SILVER SCIENT	Comply
PBBs PBDEs DBP DEHP DIBP	Comply
PBBs PBDEs DBP DEHP DIBP	Comply
DBP DIBP	NA
BBP DIBP	NA
DEHP	NA
DIBP	NA
STAIN STAIN	NA
Pb BL	NA
	Comply
Cd BL	Comply
	Comply
LAKE LAKE	Comply
Gold coating PRRs	NA
11 (silver metal) PBDEs	NA
DBP	NA
BBP THIS YTESTING YTESTING	NA TESTING
DEHP	NA
DIBP	NA
Pb restribe Pb	Comply
400	Comply
-1700	Comply
	Comply
Plack print (Silver PRBs Bl III	Comply
12 plastic sticker)	Comply
DBP	NA
BBP BBP	NA
DEHP	NA
DIBP	INA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING	.0	Pb	BL	V-TESTING	Comply
	LAKTESTING	(Cd	NE TESTING	MUAN	Comply
	(a) HO.	Hg	BL	- NO	Comply
		Cr(VI)	BL	HUAK TESTING	Comply
40 TES	Black print (White	PBBs (STING	BL	VIESTI	Comply
13	sticker)	PBDEs	BL	HUAN	Comply
		DBP			NA
-TIME	TING	BBP	TING	TING	NA
UAKTES	HUAKTES	DEHP	HUAK TES	AN AN TES	NA
ı,Gı		DIBP			NA
ESTITUTE	TING	Pb	BL	MAYTESTIN	Comply
	HUAK TES.	Cd	BL	<u></u>	Comply
		Hg	BL	ESTING_	Comply
	NG THE	Cr(VI)	BL @	HIVER I	Comply
WHAK TES	White, orange print	PBBs	BL	HUAK TESTI	Comply
14	(White sticker)	PBDEs	BL	<u></u>	Comply
		DBP		N.D.	Comply
AK TESTING	AK TESTING	BBP	NE STING	N.D.	Comply
On.	O HOLE	DEHP	O HON	N.D.	Comply
STING		DIBP		N.D.	Comply
	V TESTING	Pb Pb	BL	HUAK	Comply
	O HUAN	Cd	BL		Comply
		Hg	BL	LAK TESTING	Comply
45	ING WIESTING	Cr(VI)	BL	TSTM	Comply
HUAK	Disabatia	PBBs	BL	HUAK .	Comply
15	Black plastic	PBDEs	BL		Comply
-msc	Olm	DBP	_M G	N.D.	Comply
UAKTESI	HUAKTESI	BBP	HUAKTESI	N.D.	Comply
	(1)	DEHP		N.D.	Comply
ESTING	Die	DIBP	-010	N.D.	Comply

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING		Pb	BL	TESTING	Comply
	LAKTESTING	(Cd	AK TESTING BL	MUAN	Comply
	(a) HU	Hg	BL	-16	Comply
		Cr(VI)	BL	WAY TESTING	Comply
10 TES	THE O LIK TESTING (III	PBBs	BL	TESTI	Comply
16	Orange plastic	PBDEs	BL	HUAN	Comply
		DBP		N.D.	Comply
	TING	BBP		N.D.	Comply
	HUAK TES	DEHP	HUAK TES	N.D.	Comply
		DIBP		N.D.	Comply
ESTITUTE	TING	Pb	BL	MAYTESTAR	Comply
	HUAK TES!	Cd	BL	<u></u>	Comply
	9	Hg	BL	TSTING_	Comply
	og mg 📶	Cr(VI)	BL @	HIVAK TE	Comply
ULIAK TES	STATE HUAY TESTING	PBBs	HUAK TEST	WAK TESTI	NA
17	Silver screw	PBDEs	<u></u>		NA
		DBP			NA
	TESTING	BBP STING	STING	TESTING	NA
	MUAN.	DEHP	MUAN-	MINAN	NA
		DIBP		TING	NA
	TESTING	Pb	, TESTING BL	HUAKTE	Comply
	HUAN	Cd	BL		Comply
		Hg	BL	ON TESTING	Comply
	TING TESTING	Cr(VI)	BL ®	HO.	Comply
HUAKTE	HUAN	PBBs	BL	HUAKTE	Comply
18	Green plastic	PBDEs	BL		Comply
	Sim.	DBP		N.D.	Comply
	MAKTESTING	BBP	HUAKTESTIL	N.D.	Comply
		DEHP		N.D.	Comply
	26	DIBP		N.D.	Comply

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING		Pb	BL	V-TESTING	Comply
	JAKTESTING	(Cd	BL	MINAR	Comply
	1 House	Hg	BL	-0/6	Comply
		Cr(VI)	BL	HUAKTESTII.	Comply
10 TES	ING LOW TESTING	PBBs	NY TESTING W	TEST	NA
19	Silver metal spring	PBDEs	3 HO	HUAR	NA
		DBP			NA
	TING	BBP		TING	NA
	HUAKTES	DEHP	HUAK TES	-MAK TES	NA
	-	DIBP			NA
STILL	TING	Pb	BL	- WAKTESTI	Comply
	HUAKTES	Cd	BL		Comply
		Hg	BL	TSTING.	Comply
	or The	Cr(VI)	BL _s © @	HUAK I	Comply
HAN TES	HUAK TEST	PBBs	BL	- HUAK TEST	Comply
20	Black plastic	PBDEs	BL	<u></u>	Comply
		DBP		N.D.	Comply
	AK TESTING	BBP	NESTING	N.D.	Comply
	(HOW	DEHP	MINITED TO	N.D.	Comply
		DIBP		N.D.	Comply
	V TESTING	Pb	BL	HUAK	Comply
	MINION HUMAN	Cd	BL		Comply
		Hg	BL	WAX TESTING	Comply
	ING OF TESTING	Cr(VI)	BL 0		Comply
	Crov video cover	PBBs	BL	HI ME I	Comply
21	Gray wire cover	PBDEs	BL		Comply
	-mG	DBP	_M G	N.D.	Comply
	HUAK TEST	BBP	HUAKTESI	N.D.	Comply
	(W)	DEHP		N.D.	Comply
	n)G	DIBP		N.D.	Comply

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING		Pb	BL	W TESTING	Comply
	JAKTESTING	(Cd	NE TESTING	MUAN	Comply
	(a) HO.	Hg	BL	- OVO	Comply
		Cr(VI)	BL	HUAKTESTIN	Comply
oo TES	NG CHANGE THE CO	PBBs (STING	BL	VIESTI	Comply
22	Gray coating	PBDEs	BL	HUAN	Comply
		DBP			NA
	TING	BBP	TING		NA
	HUAKTES	DEHP	HUAK TES	-NJAK TES	NA
		DIBP			NA
ESTIM	TING	Pb	BL	WAY TEST	Comply
	HUAK TES.	Cd	BL	<u></u>	Comply
		Hg	BL	TSTING_	Comply
	of the	Cr(VI)	BL _s @	HUAK IL	Comply
WAR TES	Grey coating	PBBs	HUAKTES.	WAY TESTI	NA
23	(Silver metal)	PBDEs		<u></u>	NA
		DBP			NA
	W TESTING	BBP	W TESTING	W TESTING	NA TESTING
	O HUAD	DEHP	MHUAT-	M HUAN	NA
		DIBP		STNG	NA
	W TESTING	Pb	BL	HUAK	Comply
	O HUAN	Cd	BL		Comply
		Hg	BL	LAKTESTING	Comply
	ING WESTING	Cr(VI)	BL	TESTI	Comply
HUAK	Silver metal head	PBBs	HUAR	HUAKTE	NA
24	screws	PBDEs			NA
	-mS	DBP			NA
	HUAKTESI	BBP	HUAKTESI	THAK TEST	NA
	(9)	DEHP		<u> </u>	NA
	-NG	DIBP	- 	LAKTESTING	NA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING		Pb	OL [®]	1.6*10 ⁴	Comply
	LAKTESTING	© HUME Cd	AK TESTING	MUAN	Comply
	O HO	Hg	BL	- NO	Comply
		Cr(VI)	BL	HUAK TESTING	Comply
OFTEST	ING CHANTESTING	PBBs	NY TESTING	TESTI	NA
25	Gold screw	PBDEs	1 HO	HUAR	NA
		DBP			NA
	TING	BBP	TING	TING	NA
UAK TES.	HUAK TES	DEHP	HUAK TES	ALIAK TES	NA
ı,G		DIBP			NA
ESTIM	TING	Pb	BL	WAY TESTING	Comply
	HUAK TES.	Cd	BL	<u></u>	Comply
		Hg	BL	TESTING_	Comply
	NG TING	Cr(VI)	BL _s © @	HIVAK I	Comply
WILAK TEST	HUAK TES	PBBs	BL	- HUAKTESTI	Comply
26	Blue soft glue	PBDEs	BL	O .	Comply
		DBP		N.D.	Comply
	AK TESTING	BBP	NESTING	N.D. TESTING	Comply
N.	O HOM	DEHP	MINITED TO	N.D.	Comply
ESTING		DIBP		N.D.	Comply
	V TESTING	Pb	BL	HUAK.	Comply
	MINAR.	Cd	BL		Comply
		HJAK TESTING Hg	BL	LAK TESTING	Comply
	NG WIESTING	Cr(VI)	BL BL	TESTIN	Comply
HUAK	Cilvon	PBBs	MINION	HUAK.	NA
27	Silver screw	PBDEs			NA
	TING	DBP	TING		NA
	HUAKTES	BBP	HUAKTES	THE AK TES	NA
		DEHP		<u> </u>	NA
ESTING	-NG	DIBP	- NO	ALTESTING	NA .

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING		Pb	BL	V-TESTING	Comply
	LAKTESTING	(Cd	BL	MUAN	Comply
	O HO	Hg	BL	mi o -	Comply
		Cr(VI)	IN	N.D.	Comply
OOTEST	Silver metal	PBBs (57 ^{th/G}	LAKTESTING (III	XTESTI	NA
28	Sliver metal	PBDEs	3 HO.	HUAN	NA
		DBP			NA
	ETING	BBP	CTING	CTING	NA
	HUAKTES	DEHP	HUAK TES	WILLIAM TES	NA
		DIBP			NA
STILL	TING	Pb	BL	MAYTESTING	Comply
	HUANTES.	Cd	BL	<u></u>	Comply
		Hg	BL	ESTING_	Comply
	ag THE M	Cr(VI)	BL« 🦚	HIVAK IT	Comply
ULLAK TEST	White plastic	PBBs	BL	WAKTESTI	Comply
29	frame	PBDEs	BL	O	Comply
		DBP			NA
	WAY TESTING	BBP	V TESTING	V TESTING	NA TESTING
	MINN.	DEHP	MHUAT	M HUAT	NA
		DIBP		GTNG	NA
	"TESTING	Pb	BL	HUAK-	Comply
	HUAN	Cd	BL		Comply
		Hg	BL	LAK TESTING	Comply
	NUG OF TESTING	Cr(VI)	BL ®	TESTI	Comply
HUAK	Cream DOD by a large	PBBs	BL	HUAKTE	Comply
30	Green PCB board	PBDEs	BL		Comply
	-m/G	DBP	_M G	N.D.	Comply
	WAY TESTING	BBP	HUAKTEST	N.D.	Comply
		DEHP		N.D.	Comply
	a)G	DIBP	- 	N.D.	Comply

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING	.0	Pb	BL	W TESTING	Comply
	LAKTESTING	(Cd	BL	MUAN	Comply
	O HU	Hg	BL	all ^o	Comply
		Cr(VI)	BL	HUAK TESTING	Comply
OA TES	ING DISTRICTIONS (II)	PBBs (STING	BL	VIESTI	Comply
31	Black plastic	PBDEs	BL	HUAN	Comply
		DBP			NA
	TING	BBP	TING	TING	NA
	HUAK TES	DEHP	HUAK TES.	WAK TES	NA
		DIBP			NA
ESTAIG	TNG	Pb	BL	"IAY TESTING	Comply
	HUAKTES	Cd	BL	.	Comply
	(W)	Hg	BL	STING	Comply
	and and	Cr(VI)	BL @	HIVAK TE	Comply
ULIAK TEST	Silver metal	PBBs	HUAK TEST	JUAK TESTI	NA
32	housing (interface)	PBDEs	<u></u>	(a)	NA
		DBP			NA
	TESTING	BBP THIS	ESTING	TESTING	NA TO THE
	HUAN	DEHP	HUAN-	M HUAN	NA
		DIBP		TNG	NA
	TESTING	Pb	BL	HUAKTE	Comply
	HUAN	Cd	BL		Comply
		Hg	BL	LOK TESTING	Comply
	ING TESTING	Cr(VI)	BL ®	HO.	Comply
HUAKTE	HUAN	PBBs	HUAN	HUAKTE	NA
33	Silver metal	PBDEs			NA
	-m/G	DBP	_M G	G	NA
	HUAKTESTI	BBP	HUAKTESTI	THE AK TESTING	NA
	(iii)	DEHP		<u> </u>	NA
	e)G	DIBP	-01/5	AKTESTING	NA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING		Pb	BL	OK TESTING	Comply
	HAKTESTING	(Cd	BL	MIA	Comply
à	0	Hg 💮 💮	BL	mG-	Comply
		Cr(VI)	BL	HUAKTESTA	Comply
34	Cilver metal	PBBs	TAK TESTING	ALTESTI	NA
34	Silver metal	PBDEs		HUAN	NA
		DBP			NA
-STING	CTING	BBP		STING	NA
NAKTES	HUAKTES	DEHP	HUAKTE	AND AKTES	NA
J.G.		DIBP			NA
ESTINA	TING	Pb	BL	WAY TESTIN	Comply
	HUAK TES	Cd	BL	<u></u>	Comply
		Hg	BL	TESTING _	Comply
	ue The	Cr(VI)	BL @	HIVAK I	Comply
WHAK TEST	Silver metal	PBBs	HUAKTES	HUAK TESTI	NA
35	housing (interface)	PBDEs		<u></u>	NA
		DBP			NA
N TESTING	K TESTING	BBP	W.T.STING	X TESTING	NA TESTING
NA	O HUAN	DEHP	O HUM	White the state of	NA
STING		DIBP		GTNG	NA
	V TESTING	Pb	BL	HUAK-	Comply
	MIAN MINISTRA	Cd	BL		Comply
		Hg	BL	LAK TESTING	Comply
15	NIG TESTING	Cr(VI)	BL 0	STI	Comply
HUAK	Silver metal	PBBs	HUAN	HUAKTA	NA
36	housing (interface)	PBDEs			NA
- NG	O _{lm}	DBP	_M G	mG	NA
WAK TEST!	HUAKTEST	BBP	HUAKTEST	THE AK TEST	NA
		DEHP		<u> </u>	NA
ESTING	-NG	DIBP	- 	AI-TESTING	NA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING		Pb	BL	V-TESTING	Comply
	AKTESTING	(Cd	NE TESTING	MUAN	Comply
	O HOUSE	Hg	BL	- NG-	Comply
		Cr(VI)	BL	HUAK TESTI	Comply
37	White plastic	PBBs (5)	BL	XTESTI	Comply
31	frame	PBDEs	BL	HUAN	Comply
		DBP			NA
STING	CTING	BBP		STING	NA
UAKTED	HUAKTES	DEHP	HUAKTE	-NUAK TEC	NA
J.G		DIBP			NA
ESTIT	TING	- WAK TEN	BL	WAY TEST	Comply
	HUAKTES.	Cd	BL	<u></u>	Comply
		Hg	BL	TSTING_	Comply
	NG TING	Cr(VI)	BL @	HIVAK I	Comply
NAMES	Silver metal	PBBs	HUAKTES.	HUAK TESTI	NA
38	housing (interface)	PBDEs		<u></u>	NA
		DBP			NA
AK TESTING	AK TESTING	BBP	AN TESTING	AK TESTING	NA TOSTING
(UA)	O HUAN	DEHP	O HUM	White the state of	NA
STING		DIBP		-ESTING	NA
	Y TESTING	Pb Pb	BL	HUAK	Comply
	HUAN	Cd	BL		Comply
		Hg	BL	LAK TESTING	Comply
75	ING TESTING	Cr(VI)	BL ^{mc}	TESTI	Comply
HUAK	Diana di antantia	PBBs	BL BL	HUAKTE	Comply
39	Black plastic	PBDEs	BL		Comply
TING	-m ^G	DBP	_M G	G	NA
MAKTESTI	HUAKTEST	BBP	HUAKTEST	THE AK TEST	NA
	(W)	DEHP		<u> </u>	NA
ESTING	a)G	DIBP	-010	LAK-TESTING	NA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING		Pb	BL	V TESTING	Comply
	LAKTESTING	(Cd	BL	MUAN	Comply
	1 House	Hg	BL	- Allo	Comply
		Cr(VI)	BL	HUAK TESTIL	Comply
40	Drawn Plantin	PBBs	BL	XTESTI	Comply
40	Brown plastic	PBDEs	BL	HUAN	Comply
		DBP			NA
- CTING	STING	BBP		CTING	NA
UAKTES	HUAKTES	DEHP	HUAKTES	AND AKTES	NA
. iGi		DIBP			NA
ESTIT	TING	Pb	BL	WAY TEST	Comply
	HUAKTES	Cd	BL	<u></u>	Comply
		Hg	BL	TESTING_	Comply
	NG TING	Cr(VI)	BL _®	HUAK	Comply
HIAK TES	Caran plantin	PBBs	BL	HUAKTESTI	Comply
41	Green plastic	PBDEs	BL		Comply
		DBP			NA
AK TESTING	AK TESTING	BBP	NE STING	AK TESTING	NA
Un.	(C) HOW	DEHP	O HOM	@Linn	NA
ESTING		DIBP		-TESTING	NA
	AK TESTING	Pb	W.TESTING BL	HUAK !	Comply
	(HOM	Cd	BL		Comply
		Hg	BL	WAX TESTING	Comply
TES	NG AKTESTING	Cr(VI)	BL ®	TESTI	Comply
42	White plastic	PBBs	BL	HUAK	Comply
42	frame	PBDEs	BL		Comply
TING	TING	DBP	TING	-TING	NA
UAK TES.	HUAKTES	BBP	HUAKTES	HOAK TES	NA
.G		DEHP			NA
ESTING	-NG	DIBP	- NO	A ATESTING	NA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING	-1G	Pb	BL	OK TESTING	Comply
	MAKTESTING	Cd	BL	MIN	Comply
3	9 "	Hg 💮 💮	BL	TING -	Comply
		Cr(VI)	BL	HUAKTES	Comply
43	Black plastic frame	PBBs	BL	OKTESTIN	Comply
DH 4 5	black plastic frame	PBDEs	BL	₩Dra	Comply
		DBP			NA
STING	STING	BBP	STING	STING	NA
HUAKTE	HUAKTE	DEHP	HUAKTE	- HAKTE	NA
nIG.		DIBP		mG	NA
CIESIN.	STING	Pb	BL	HUAKTESTI	Comply
	HUAKTEE	Cd	BL	<u></u>	Comply
3		Hg	BL	TESTING_	Comply
	NG STING	Cr(VI)	BL 💮	HILAR .	Comply
44	Silver metal	PBBs	HUAK TE	HUAK TES!	NA
44	Silver metal	PBDEs			NA
		DBP			NA
LAKTESTING	LOK TESTING	BBP	LAKTESTING	AKTESTING	NA
100	(i) Ho.	DEHP	(a) HO	O HO	NA
ESTING		DIBP		-TSTING	NA
	LAKTESTING	MHUAK Pb	BL	MUAN-	Comply
3	O HO	Cd	BL		Comply
		Hg	BL	JUAK TESTING	Comply
TES	ING LANTESTING	Cr(VI)	BL	TESTIN	Comply
45	Black plastic frame	PBBs	BL	HUAR	Comply
40	Diack plastic frame	PBDEs	BL		Comply
TING	TING	DBP			NA
HUAKTES	HUANTES	BBP	HUAK TES	THE AN TES	NA
.,0.		DEHP			NA
ESTINE	TNG	DIBP	- NG-	HAN TESTINE	NA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS	
ESTING		Pb	BL	TESTING	Comply	
	LAKTESTING	(Cd	BL	MUAN	Comply	
	O House	Hg 💮 💮	BL	- NG-	Comply	
		Cr(VI)	BL	HUAK TESTI	Comply	
46	Silver metal solder	PBBs (STING	TAK TESTING	WIESTI	NA	
40	joints	PBDEs		HIJA	NA	
		DBP			NA	
STING	STING	BBP		STING	NA	
WAKTES	HUAKTES	DEHP	HUAKTE	-NUAK TEC	NA	
. 1G		DIBP		<u></u>	NA	
ESTI	TING	Pb	BL	WAY TEST	Comply	
	HUAK TES.	Cd	BL	<u></u>	Comply	
		Hg	BL	ESTING.	Comply	
	NG THE M	Cr(VI)	BL 🦠 🦓	HUAK I	Comply	
WHIAK TES	One and DOD to a said	PBBs	IN IN	N.D.	Comply	
47	Green PCB board	PBDEs	IN	N.D.	Comply	
		DBP		N.D.	Comply	
AK TESTING	AK TESTING	BBP	AK ESTING	N.D.	Comply	
N.	O HOM	DEHP	O HON	N.D.	Comply	
STING		DIBP		N.D.	Comply	
	V TESTING	Pb	BL	HUAK !	Comply	
	MINA.	Cd	BL		Comply	
		Hg	BL	WAX TESTING	Comply	
755	ING OF TESTING	Cr(VI)	BL ®	TESTI	Comply	
HUAK	Silver metal solder	PBBs	HUA	HUAKI	NA	
48	joints	PBDEs			NA	
TING	N/G	DBP		ONT	NA	
MAKTESI	HUAKTEST	BBP	HUAK TEST	THAN TEST	NA	
	(W)	DEHP		<u> </u>	NA	
ESTING	-nuG	DIBP	- 	AK-TESTING	NA	
		10.37		107		

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS	
ESTING		Pb	BL	TESTING	Comply	
	LAKTESTING	(Cd	BL	MUAN	Comply	
3	O HO	Hg	BL	- CHAN	Comply	
		Cr(VI)	BL	HUAK TESTII	Comply	
49	Green PCB board	PBBs	IN	N.D.	Comply	
49	Green PCB board	PBDEs	IN	N.D.	Comply	
		DBP		N.D.	Comply	
STING	TING	BBP		N.D.	Comply	
WAKTE	HUAKTED	DEHP	HUAKTE	N.D.	Comply	
, iG		DIBP		N.D.	Comply	
ESI.	TING	Pb	BL	- WAYTESTI	Comply	
	HUAKTES	Cd	BL	.	Comply	
		Hg	BL	TESTING .	Comply	
	NG TING	Cr(VI)	BL @	HUAK .	Comply	
50	Dark green PCB	PBBs	IN IN	N.D.	Comply	
50	board	PBDEs	IN	N.D.	Comply	
		DBP		N.D.	Comply	
AK TESTING	AK TESTING	BBP	OK ESTING	N.D.	Comply	
No.	O HOLD	DEHP	O HO	N.D.	Comply	
ESTING		DIBP		N.D.	Comply	
	A TESTING	M HUAN Pb	WTESTING BL	HUAK .	Comply	
	O HUAN	Cd	BL		Comply	
		Hg	BL	"IAK TESTING	Comply	
TES	ING NY TESTING	Cr(VI)	BL	TESTIN	Comply	
51	Silver metal solder	PBBs	MIN	HUAK.	NA	
31	joints	PBDEs			NA	
TING	TING	DBP			NA	
WAKTEST	HUAKTES	BBP	HUAKTES	THAN TEST	NA	
		DEHP		<u></u>	NA	
ESTING	ans	DIBP	- NO	LANTESTING	NA	

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING	.6	Pb	BL	OK TESTING	Comply
	HAKTESTING	Cd	BL	MIA	Comply
		Hg 💮 💮	BL	my G	Comply
		Cr(VI)	BL	HUAKTESTA	Comply
52	Silver metal solder	PBBs	TAK TESTING	XTESTI	NA
52	joints	PBDEs		HUAN AND AND AND AND AND AND AND AND AND A	NA
		DBP			NA
- STING	STING	BBP		CTING	NA
UAKTED	HUAKTES	DEHP	HUAKTE	-JUAK TEC	NA
, IG		DIBP			NA
ESTI	TING	Pb	BL	HUAYTEST	Comply
	HUAKTES	Cd	BL	——	Comply
		Hg	BL	TESTING _	Comply
	ue me	Cr(VI)	BL 🌑	HUAK.	Comply
53	Green PCB board	PBBs	BL	HUAK TEST	Comply
53	Green PCB board	PBDEs	BL	<u></u>	Comply
		DBP		N.D.	Comply
AK TESTING	AK TESTING	BBP	AK-ESTING	N.D.	Comply
No.	O HOM	DEHP	O HOM	N.D.	Comply
ESTING		DIBP		N.D.	Comply
	V TESTING	Pb	BL	HUAK.	Comply
	O HUAN	Cd	BL		Comply
		Hg	BL	WAX TESTING	Comply
45	ING OF TESTING	Cr(VI)	BL	TESTI	Comply
HUAK	Silver metal solder	PBBs	HUA	HUAK .	NA
54	joints	PBDEs			NA
-TING	-m/G	DBP	_{1N} G		NA
MAKTESI	HUAKTESI	BBP	HUAKTESI	THE AK TEST	NA
	(3)	DEHP			NA
ESTINIS	Dio	DIBP	- NG-	ALTESTING	NA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS	
	.0	Pb	BL	W TESTING	Comply	
	LAKTESTING	Cd	BL	MUAN	Comply	
	O HOW	Hg	BL	- NG-	Comply	
		Cr(VI)	BL	HUAK TESTI	Comply	
55	Blue PCB board	PBBs (Single	BL	XTESTI	Comply	
33	Blue PCB board	PBDEs	BL	HUAN	Comply	
		DBP		N.D.	Comply	
	STING	BBP		N.D.	Comply	
	HUAKTES	DEHP	HUAKTE	N.D.	Comply	
		DIBP		N.D.	Comply	
2111	TING	Pb	BL	WAY TEST	Comply	
	HUAKTES	Cd	BL	<u></u>	Comply	
		Hg	BL	TESTING .	Comply	
	ale TING	Cr(VI)	BL @	HIVAK I	Comply	
HILAK TEST	Silver metal solder	PBBs	HUAK TES	- HUAKTESTI	NA	
56	joints	PBDEs		O .	NA	
		DBP			NA	
	HUAKTESTING	BBP	W.T.STING	A TESTING	NA	
	O HUAN	DEHP	O HUAN	White the state of	NA	
		DIBP		-STING	NA	
	Y TESTING	Pb	BL	HUAK-	Comply	
	HUAN	Cd	BL		Comply	
		Hg	BL	LAK TESTING	Comply	
	ING TESTING	Cr(VI)	BL	HO.	Comply	
HUAKIL	District DOD !	PBBs	HUAN IN	N.D.	Comply	
57	Black PCB board	PBDEs	IN	N.D.	Comply	
	-m/G	DBP	_M G	N.D.	Comply	
	MAN TESTING	BBP	HUAKTESTI	N.D.	Comply	
		DEHP		N.D.	Comply	
		DIBP		N.D.	Comply	

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Part No.				Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
TESTING	-6	Pb	BL	V-TESTING	Comply
	LAKTESTING	(Cd	NE TESTING	MUAN	Comply
3	O HO	Hg	BL	- 100 -	Comply
		Cr(VI)	BL	HUAKTESTII	Comply
58	Silver metal solder	PBBs (STING	LAKTESTING (III	VTESTI	NA
58	joints	PBDEs	M HO.	HUAN	NA
		DBP			NA
-STING	STING	BBP		CTING	NA
HUAK TES	HUAK TES	DEHP	HUAK TES	AND AKTES	NA
-16		DIBP			NA
TESTIN	TING	Pb	BL	WAY TEST	Comply
	HUAKTES	Cd	BL	.	Comply
à		Hg	BL	TESTING_	Comply
	NG THE	Cr(VI)	BL _s @	HUAK	Comply
HILAK TES	Crear DCD haard	PBBs	IN IN	N.D.	Comply
59	Green PCB board	PBDEs	IN	N.D.	Comply
		DBP		N.D.	Comply
AK TESTING	AKTESTING	BBP	NE ESTING	N.D. TESTING	Comply
NO.	O HOM	DEHP	O HO	N.D.	Comply
ESTING		DIBP		N.D.	Comply
	AK TESTING	@ HUAN Pb	BL	HUAK !	Comply
	(HOM	Cd	BL		Comply
		Hg	BL	WAX TESTING	Comply
TES	MG KTESTING	Cr(VI)	BL	TESTA	Comply
S HUME	Disely plantin ages	PBBs	BL	HUAK.	Comply
60	Black plastic case	PBDEs	BL		Comply
TING	TING	DBP		-myG	NA
NAK TES.	WAY TESTINE	BBP	HUAKTES.	THE AK TES	NA
		DEHP			NA
TESTING	TNG	DIBP	- NO	MARTESTING	NA

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Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
ESTING		Pb	BL	V.TESTING	Comply
	HAKTESTING	Cd	BL	MI ALIAN	Comply
	(a)	Hg 💮 💮	BL	-11/G	Comply
		Cr(VI)	BL	HUAKTESTI	Comply
61	Silver metal solder	PBBs	TAK TESTING	KTESTI	NA
01	joints	PBDEs		HUAN-	NA
		DBP			NA
STING	STING	BBP		CTING	NA
WAKTER	HUAKTES	DEHP	HUAKTE	-MAKTED	NA
NG.		DIBP			NA
ESI	STING	Pb	BL	HUAYTEST	Comply
	HUAKTES	Cd	BL	—	Comply
		Hg	BL	TESTING	Comply
	ng cmg	Cr(VI)	BL 🌕	HILAK	Comply
62	Black wire cover	PBBs	BL	HUAK TES I	Comply
02	Black wife cover	PBDEs	BL	<u> </u>	Comply
		DBP		N.D.	Comply
LAK TESTING	LAK TESTING	BBP	LANCESTING	N.D.	Comply
801	O HO.	DEHP	(1) HO'	N.D.	Comply
ESTING		DIBP		N.D.	Comply
	AX TESTING	Pb	BL	MUNK	Comply
	(Holm	Cd	BL		Comply
		Hg	BL	MAKTESTING	Comply
TES	NG OK TESTING	Cr(VI)	BL	TESTIN	Comply
63	Black plastic case	PBBs	BL	HUAR	Comply
03	Diack plastic case	PBDEs	BL		Comply
TING	TING	DBP		N.D.	Comply
UAK TES.	HUAKTES	BBP	HUAK TES.	N.D.	Comply
C.	9	DEHP		N.D.	Comply
ESTING	- NG	DIBP		N.D.	Comply

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_			· · · · · , — · — ·		
Part No.	Part Name	Restricted Substances	Result of EDXRF (1)	Result of Chemical Testing (2) (mg/kg)	Conclusion on RoHS
	-0	Pb	BL	V TESTING	Comply
	WAXTESTING	Cd	BL	MINA	Comply
		Hg	BL	THE THE	Comply
		Cr(VI)	BL	HUAKTES I.	Comply
64	Black plastic case	PBBs	BL	OKTESTIN	Comply
1104	black plastic case	PBDEs	BL	₩ HUP	Comply
		DBP		N.D.	Comply
	TSTING	BBP	STING	N.D.	Comply
	HUAKTE	DEHP	HUAKTE	N.D.	Comply
		DIBP		N.D.	Comply

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Remark:

(1) (a) 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.

(b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr (VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if the

concentration exceeds the below warning value according to IEC62321-3-1:2013 (unit: mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	BL≤(70-3σ) <x<(130+3σ) ≤OL</x<(130+3σ) 	BL≤(70-3σ) <x<(130+3σ) td="" ≤ol<=""><td>LOD<x<(150+3σ) td="" ≤ol<=""></x<(150+3σ)></td></x<(130+3σ)>	LOD <x<(150+3σ) td="" ≤ol<=""></x<(150+3σ)>
Pb	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(500-3σ) <x<(1500+3σ) ≤OL</x<(1500+3σ)
Hg	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(700-3σ) <x<(1300+3σ) ≤OL</x<(1300+3σ) 	BL≤(500-3σ) <x<(1500+3σ) ≤OL</x<(1500+3σ)
es ^{ring} Br	BL≤(300-3σ) <x< td=""><td></td><td>BL≤(250-3σ)<x< td=""></x<></td></x<>		BL≤(250-3σ) <x< td=""></x<>
Cr	BL≤(700-3σ) <x< td=""><td>BL≤(700-3σ)<x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<></td></x<>	BL≤(700-3σ) <x< td=""><td>BL≤(500-3σ)<x< td=""></x<></td></x<>	BL≤(500-3σ) <x< td=""></x<>

- (c) BL = Below warning value, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection,
- -- = Not Regulated, NA = Not Applicable.
- (d) The XRF screening test for RoHS elements The reading may be different to the actual content in the sample be of non-uniformity composition.
- (2) (a) 1mg/kg = 1ppm = 0.0001%, N.D.= Not Detected (<MDL), --- = Not Conducted.
- (b) Unit and Method Detection Limit (MDL) in wet chemical test

Test Items	Pb	Cd	Hg	DBP	BBP	DEHP (DIBP
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	- 2	2	2	50	50	50	50 s

The MDL for single compound of PBBs & PBDEs is 5 mg/kg, MDL of Cr(VI) for polymer & composite sample is 8 mg/kg and MDL of DBP, BBP, DEHP and DIBP is 50mg/kg.

(c) When Cr(VI) for metal sample is testing according to IEC 62321-7-1:2015, the unit is $\mu g/cm^2$, and the MDL is 0,10 $\mu g/cm^2$. When the Cr (VI) concentration is > the 0,13 $\mu g/cm^2$, the sample is positive for Cr(VI) and considered to contain Cr(VI); when the Cr (VI) concentration is N.D.(< the 0,10 $\mu g/cm^2$), the sample is negative for Cr(VI) and considered a non-Cr(VI) based coating; when the Cr (VI) concentration is \geq the 0,10 $\mu g/cm^2$ and \leq the 0,13 $\mu g/cm^2$, the result is considered to be inconclusive - Unavoidable coating variations may influence the determination.

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(d) For necessary wet chemistry measurements (flame retardants, phthalates) components with a weight of less than 0.1 grams are not considered for testing and rating due to technical measurement reasons.

(3) The maximum permissible limit is quoted from the Directive (EU) 2015/863 - Amendment of EU RoHS Directive 2011/65/EU (RoHS 2.0) Annex II.

RoHS Restricted Substances	Maximum Concentration Value (by weight in homogenous materials)			
Lead (Pb)	0.1%			
Cadmium (Cd)	0.01%			
Mercury (Hg)	0.1%			
Hexavalent Chromium (Cr VI)	0.1%			
Polybrominated biphenyls (PBBs)	0.1%			
Polybrominated diphenylethers (PBDEs)	0.1%			
Dibutyl Phthalate (DBP)	0.1%			
Benzylbutyl Phthalate (BBP)	0.1%			
Bis-(2-ethylhexyl) Phthalate (DEHP)	0.1%			
Diisobutyl Phthalate (DIBP)	0.1%			

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Exemptions	"IAKTESI"
Directive (EU)2017/2102 amending Annex III to Directive 201	1/65/EU
Exemption Items	Expires Date
Mercury in single capped (compact) fluorescent lamps not exceeding (per burner):	What.
1(a), For general lighting purposes < 30 W:3,5 mg	Expires on 24 February 2023
1(b), For general lighting purposes≥ 30 W and < 50W:3,5mg	Expires on 24 February 2023
1(c), For general lighting purposes ≥ 50 W and < 150 W: 5 mg	Expires on 24 February 2023
1(d), For general lighting purposes ≥ 150 W: 15 mg	Expires on 24 February 2023
1(e), For general lighting purposes with circular or square structural shape and tube diameter ≤ 17 mm: 7 mg	Expires on 24 February 2023
1(f)-I,For lamps designed to emit mainly light in the ultraviolet spectrum: 5 mg	Expires on 24 February 2027
1(f)-II,For special purposes: 5 mg	Expires on 24 February 2025
1(g),For general lighting purposes < 30 W with a lifetime equal or above 20000 h: 3,5 mg	Expires on 24 August 2023
2(a),Mercury in double-capped linear fluorescent lamps for general lighting purposes not exceeding (per amp):	HUAKTESTA
2(a)(1),Tri-band phosphor with normal lifetime and a tube diameter < 9 mm (e.g. T2): 4 mg	Expires on 24 February 2023
2(a)(2),Tri-band phosphor with normal lifetime and a tube diameter ≥ 9 mm and ≤ 17 mm (e.g. T5): 3 mg	Expires on 24 August 2023
2(a)(3),Tri-band phosphor with normal lifetime and a tube diameter > 17 mm and ≤ 28 mm (e.g. T8):3.5mg	Expires on 24 August 2023
2(a)(4),Tri-band phosphor with normal lifetime and a tube diameter > 28 mm (e.g. T12): 5 mg	Expires on 24 February 2023
2(a)(5),Tri-band phosphor with long lifetime (≥ 25 000 h): 5 mg	Expires on 24 February 2023
2(b), Mercury in other fluorescent lamps not exceeding (per lamp):	TING
2(b)(1),Linearhalophosphate lamps with tube > 28 mm (e.g. T10 and T12): 10 mg	Expires on 13 April 2012
2(b)(2),Non-linear halophosphate lamps (all diameters): 15 mg	Expires on 13 April 2016
2(b)(3),Non-linear tri-band phosphor lamps with tube diameter > 17 mm (e.g. T9):15mg	Expires on 24 February 2023; 10 mg may be used p lamp from 25 February 2023 until 24 February 2025
2(b)(4) -I, Lamps for other general lighting and special purposes (e.g. induction lamps): 15 mg	Expires on 24 February 2025
2(b)(4) -II, Lamps emitting mainly light in the ultraviolet spectrum: 15 mg	Expires on 24 February 2027
2(b)(4) -III, Emergency lamps: 15 mg	Expires on 24 February 2027
3, Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes used in EEE placed on the market before 24 February 2022 not exceeding (per lamp):	MAKTE MUAK
3(a), Short length (≤500 mm):3.5mg	Expires on 24 February 2025
3(b), Medium length (> 500 mm and ≤ 1 500 mm):5mg	Expires on 24 February 2025
3(c), Long length (> 1 500 mm):13mg	Expires on 24 February 2025
4(a), Mercury in other low pressure discharge lamps (per lamp):15mg	Expires on 24 February 2023
4(a)-I,Mercury in low pressure non-phosphor coated discharge lamps, where the application requires the main range of the lamp-spectral output to be in the ultraviolet spectrum: up to 15 mg mercury may be used per lamp	Expires on 24 February 2027

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Supp.	Exemptions	Star. Star.
Directive (EU)2	2017/2102 amending Annex III to Directive 2011/6	65/EU
Exemption Items		Expires Date
4(b), Mercury in High Pressure Sodium (vapour) lamps for general lamps with improved colour rendering index Ra > 80: P \leq 105 W: 10		Expires on 24 February 2027
4(b) -l,rendering indexRa > 60:P ≤155 W:30mg	HUAK.	Expires on 24 February 2023
4(b) -II,rendering index Ra > 60:155 W < P ≤ 405 W:40mg		Expires on 24 February 2023
4(b) -III,rendering index Ra > 60: P > 405 W:40mg	THE STATE OF HUA	Expires on 24 February 2023
4(c),Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner):	UNITES IN MAKEE	MARYTES! MILARYTES
4(c)-I,P ≤ 155 W:20mg		Expires on 24 February 2027
4(c)-II,155 W < P ≤ 405 W:25mg	Din Din	Expires on 24 February 2027
4(c)-III,P> 405 W:25mg	TES!	Expires on 24 February 2027
4(d),Mercury in High Pressure Mercury (vapour) lamps (HPMV)		Expires on 13 April 2015
4(e),Mercury in metal halide lamps (MH)	NG	Expires on 24 February 2027
4(f)-I,Mercury in other discharge lamps for special purposes not spe	ecifically mentioned in this Annex	Expires on 24 February 2025
4(f)-II,Mercury in high pressure mercury vapour lamps used in projective required	ectors where an output ≥ 2000 lumen ANSI is	Expires on 24 February 2027
4(f)-III,Mercury in high pressure sodium vapour lamps used for horticulture lighting		Expires on 24 February 2027
4(f)-IV,Mercury in lamps emitting light in the ultraviolet spectrum	UAK TESTI	Expires on 24 February 2027
4(g),Mercury in hand crafted luminous discharge tubes used for sig lighting and light-artwork, where the mercury content shall be limite mg per tube length in cm, but not more than 80 mg, for outdoor app temperatures below 20 °C; (b) 15 mg per electrode pair + 0,24 mg per tube length in cm, but no applications.	d as follows: (a) 20 mg per electrode pair + 0,3 dications and indoor applications exposed to	Expires on 31 December 2018
5(a), Lead in glass of cathode ray tubes	NG	STING
5(b), Lead in glass of fluorescent tubes not exceeding 0,2 % by wei	ight	HARTE
6(a), Lead as an alloying element in steel for machining purposes a lead by weight	and in galvanized steel containing up to 0,35 %	TRIC HUAN
6(a)-I,Lead as an alloying element in steel for machining purposes batch hot dip galvanised steel components containing up to 0,2 $\%$ l	O ME HUM	LED.
6(b),Lead as an alloying element in aluminium containing up to 0,4	% lead by weight	WAKTES! HUAKTE
6(b)-I, Lead as an alloying element in aluminium containing up to 0	4 % lead by weight	
6(b)-II, Lead as an alloying element in aluminium containing up to 0	0,4 % lead by weight	
6(c), Copper alloy containing up to 4 % lead by weight	TESTING	WTESTING
7(a), Lead in high melting temperature type solders (i.e. lead- base lead)	d alloys containing 85 % by weight or more	O HUM
7(b), Lead in solders for servers, storage and storage array system switching, signalling, transmission, and network management for te	· c	WHAN TESTING

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TING TING	Exemptions	Sign. Sign.
AKTES.	Directive (EU)2017/2102 amending Annex III to Directive	2011/65/EU
Exemption Items		Expires Date
7(c)-I, Electrical and electronic components capacitors, e.g. piezoelectronic devices, or i	containing lead in a glass or ceramic other than dielectric ceramic n a glass or ceramic matrix compound	o in The Testing
7(c)-II, Lead in dielectric ceramic in capacito	ors for a rated voltage of 125 V AC or 250 V DC or higher	HUART
7(c)-III, Lead in dielectric ceramic in capacit	ors for a rated voltage of less than 125 V AC or 250 V DC	Expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market befor 1 January 2013
7(c)-IV, Lead in PZT based dielectric ceram semiconductors	ic materials for capacitors being part of integrated circuits or discre	and control instruments; -21 July 2023 for category 8 in vitro diagnostic medical devices;
STING ON TESTING	MANATES TIMES	-21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11. Expires on 1 January 2012 and after that date may be
8(a), Cadmium and its compounds in one sh 8(b), Cadmium and its compounds in electri	TES HIG	used in spare parts for EEE placed on the market before 1 January 2012
8(b)-I,Cadmium and its compounds in electr-circuit breakers, - thermal sensing controls, - thermal motor protectors (excluding hermal) - AC switches rated at: 6 A and more at 250 - DC switches rated at 20 A and more at 18	etic thermal motor protectors), O V AC and more, or 12 A and more at 125 V AC and more, V DC and more, and	HUANTESTING HUANTESTING
SECTION AND ADDRESS OF THE PERSON AND ADDRES	agent of the carbon steel cooling system in absorption refrigerate	ors O
carbon steel cooling systems of absorption	weight, used as an anticorrosion agent in the cooling solution of refrigerators (including minibars) designed to operate fully or partly power input < 75 W at constant running conditions	Applies to categories 1-7 and 10 and expires on 5
earbon steel cooling systems of absorption i	ctrical heater, having an average utilised power input ≥ 75 W at	Applies to categories 1-7 and 10 and expires on 21 July 2021.
9(a)-III,Up to 0,7 % hexavalent chromium by carbon steel sealed circuit of gas absorption	weight, used as an anticorrosion agent in the working fluid of the heat pumps for space and water heating	Applies to category 1 and expires on 31 December 2026.

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TING	TING	Exemptions	EVITTE EVITTE
AK TES	Directive (EU)2017/210	02 amending Annex III to Directive 20	11/65/EU
Exemption Items			Expires Date
9(b), Lead in bearing shells and conditioning and refrigeration (F	bushes for refrigerant-containing compress	sors for heating, ventilation, air	Applies to categories 8, 9 and 11; expires on: - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring ar control instruments and for category 11, - 21 July 2021 for other subcategories of categories and 9.
3 1 1 1	nd bushes for refrigerant-containing hermet elow 9 kW for heating, ventilation, air condi		Applies to category 1; expires on 21 July 2019.
11(a), Lead used in C-press cor	npliant pin connector systems	3 TESTING	May be used in spare parts for EEE placed on the market before 24 September 2010
11(b), Lead used in other than 0	C-press compliant pin connector systems	O HURIN	Expires on 1 January 2013 and after that date may be used in spare parts for EEE placed on the market before 1 January 2013
12, Lead as a coating material f	or the thermal conduction module C-ring	MAKTESTING	May be used in spare parts for EEE placed on the market before 24 September 2010
13(a), Lead in white glasses uso	ed for optical applications	THE HUAKTESTING OF	Applies to all categories; expires on: - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring an control instruments and for category 11; - 21 July 2021 for all other categories and subcategories
13(b), Cadmium and lead in filte	er glasses and glasses used for reflectance	standards Standards	Applies to categories 8, 9 and 11; expires on: - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring ar control instruments and for category 11; - 21 July 2021 for other subcategories of categories 8 and 9
13(b)- (I),Lead in ion coloured o	ptical filter glass types	O HO	O HO.
13(b)- (II),Cadmium in striking o	ptical filter glass types; excluding applicatio	ns falling under point 39 of this Annex	TESTING.
13(b)- (III),Cadmium and lead ir	glazes used for reflectance standards	THIS TESTING OF	TSTING TESTING
	f more than two elements for the connection ntent of more than 80 % and less than 85 %		Expired on 1 January 2011 and after that date may be used in spare parts for EEE placed on the market before 1 January 2011

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TING	TUNG	Exemptions	TING TING	TING
	Directiv	ve (EU)2017/2102 amending Annex III to	Directive 2011/65/EU	
Exemption Items	9	9	Expires Date	9
15, Lead in solders to c integrated circuit flip ch		on between semiconductor die and carrie	- 21 July 2021 for cate vitro diagnostic medical monitoring and contro - 21 July 2023 for cate medical devices;	egory 8 in vitro diagnostic
integrated circuit flip chi technology node of 90 i	ip packages where at least one of the	ction between the semiconductor die and ne following criteria applies:- a semicondu m2 or larger in any semiconductor techno con interposers of 300 mm2 or larger	Applies to categories	1 to 7 and 10 and expires on 21
16, Lead in linear incan	descent lamps with silicate coated to	ubes	Expires on 1 Septemb	per 2013
17, Lead halide as radia	ant agent in high intensity discharge	(HID) lamps used for professional reprog	graphy	
speciality lamps for diaz	10.73	nd by weight or less) of discharge lamps v insect traps,photochemical and curing pr	(0.9)	HUAKTESTING
	r in the fluorescent powder (1 % lead aining phosphors such as BSP (BaS	d by weight or less) of discharge lamps w ${\sf Gi}_2{\sf O}_5$:Pb)	diagnosticmedical dev and control instrument - 21 July 2023 for cate medical devices;	egories 8 and 9 other than in vitro vices and industrial monitoring ts; egory 8 in vitro diagnostic egory 9 industrial monitoring and
ETHA	or in the fluorescent powder (1 % lead P (BaSi2O5:Pb) when used in medica	ad by weight or less) of discharge lampso cal phototherapy equipment	ontaining	5 and 8, excluding applications Annex IV, and expires on 21
	lg and PbInSn-Hg in specific compos act energy saving lamps (ESL)	sitions as main amalgam and with PbSnH	Hg as auxiliary Expires on 1 June 201	11 HUAKTE
20,Lead oxide in glass Displays (LCDs)	used for bonding front and rear subs	strates of flat fluorescent lamps used for I	Liquid Crystal Expires on 1 June 201	11
HUAKTESTING	in printing inks for the application of	f enamels on glasses, such as borosilicate	- 21 July 2021 for cate vitro diagnostic medical monitoring and contro - 21 July 2023 for cate medical devices;	egory 8 in vitro diagnostic egory 9 industrial monitoring and
	used in colour printed glass to provide displays and control panels of EEE	le filtering functions, used as a componer	Applies to categories at in lighting	1 to 7 and 10 except application:) or entry 39 and expires on 21

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65/EU
65/EU
Expires Date
Applies to categories 1 to 7 and 10 except applications covered by entry 21(a) or 39 and expires on 21 July 2021.
Applies to categories 1 to 7 and 10 and expires on 21 July 2021.
May be used in spare parts for EEE placed on the market before 24 September 2010
Expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
WAY TESTING
Expires on 1 June 2011
Expired on 24 September 2010
Expires on: - 21 July 2021 for categories 1-7 and 10; - 21 July 2021 for categories 8 and 9 other than in vitro diagnosticmedical devices and industrial monitoring and ontrol instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
* HUAKTESTING
WHAPATE .
Expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and

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TSTING TSTING	Exemptions	TSTING TSTING
Dire	ective (EU)2017/2102 amending Annex III to Directive 2	2011/65/EU
Exemption Items		Expires Date
34, Lead in cermet-based trimmer potentiometer elemen	ntartestine huartestine huartestine huartestine	Applies to all categories; expires on: - 21 July 2021 for categories 1-7 and 10, - 21 July 2021 for categories 8 and 9 other than in vitro diagnostic medical devices and industrial monitoring and control instruments, - 21 July 2023 for category 8 in vitro diagnostic medical devices, - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
36, Mercury used as a cathode sputtering inhibitor in DC	plasma displays with a content up to 30 mg per displa	Expired on 1 July 2010
37, Lead in the plating layer of high voltage diodes on th	e basis of a zinc borate glass body	Expires on: - 21 July 2021 for categories 1-7 and 10; - 21 July 2021 for categories 8 and 9 other than in vitro diagnosticmedical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments, and for category 11.
38, Cadmium and cadmium oxide in thick film pastes use	ed on aluminium bonded beryllium oxide	HUS STAG
39(a), Cadmium selenide in downshifting cadmiumbased display lighting applications (< 0,2 µg Cd per mm2 of dis	ASSET AND SECURITY OF THE PERSON OF THE PERS	Expires for all categories on 31 October 2019
40, Cadmium in photoresistors for analogue optocoupler	rs applied in professional audio equipment	Expires on 31 December 2013
41, Lead in solders and termination finishes of electrical boards used in ignition modules and other electrical and reasons must be mounted directly on or in thecrankcase SH:1, SH:2, SH:3 of Directive 97/68/EC of the European	electronic engine control systems, which for technical or cylinder of hand-held combustion engines (classes	Applies to all categories and expires on: - 31 March 2022 for categories 1 to 7, 10 and 11; - 21 July 2021 for categories 8 and 9 other than in vitro diagnosticmedical devices and industrial monitoring and control instruments; - 21 July 2023 for category 8 in vitro diagnostic medical devices; - 21 July 2024 for category 9 industrial monitoring and control instruments.
42,Lead in bearings and bushes of diesel or gaseous fur road professional use equipment:- with engine total disp 15 litres and the engine is designed to operate in application is required to be less than 10 seconds; or regular mainteenvironment, such as mining, construction, and agricultum.	lacement ≥ 15 litres; or - with engine total displacement ations where the time between signal to start and full loo enance is typically performed in a harsh and dirty outdo	t < Applies to category 11, excluding applications covere by entry 6(c) of this Annex. Expires on 21 July 2024.

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TING TING	Exemptions	NG SAING
AN TES	Directive (EU)2017/2102 amending Annex III to Directive 201	11/65/EU
Exemption Items		Expires Date
intended solely for consumer use and provided that in membranes or into prolonged contact with human sk does not exceed: (a) 30 % by weight of the rubber for (i) gasket coating included in assemblies of at least three components and attached to the engine (b) 10 % by weight of the rubber for rubbercontaining	in engine systems, designed for use in equipment that is not no plasticised material comes into contact with human mucous in and the concentration value of bis(2-ethylhexyl) phthalate gs; (ii) solid-rubber gaskets; or (iii) rubber components using electrical, mechanical or hydraulic energy to do work, a components not referred to in point (a). For the purposes of its continuous contact of more than 10 minutes duration or day	Applies to category 11 and expires on 21 July 2024
and and	control units of combustion engines within the scope of ent and of the Council (4), installed in equipment used at fixe fessionals, but also used by non-professional users	Applies to category 11 and expires on 21 July 2024.
1000	ange lead (lead tetroxide), lead dioxide in electric and al) use and barium chromate in long time pyrotechnic delay	Applies to category 11 and expires on 20 April 2026

** Modified History **

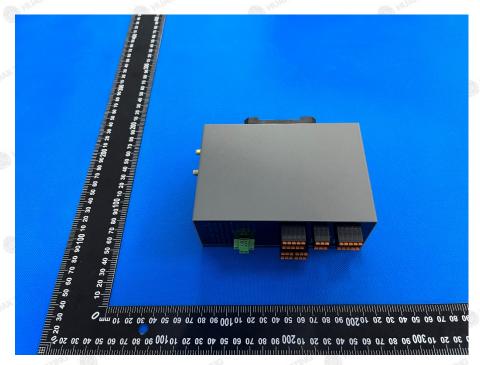
Revision	De	escription	Issued Dat	a ()	Remark
Revision 1.0	Initial Tes	t Report Release	2024/07/16) Ja	son Zhou
TING	TING	TING	TING	TING	-TRV
UAKTE	DAKTES	HUAKTE	HUAKTES	HJAKTE	HUAKTES

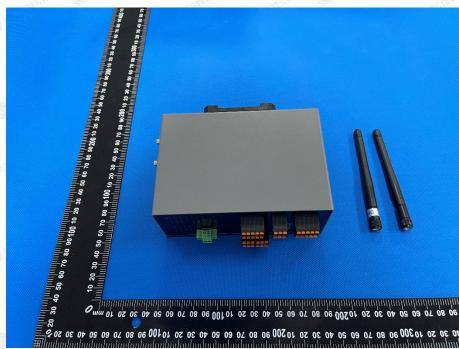
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Photo(s) of the sample(s)

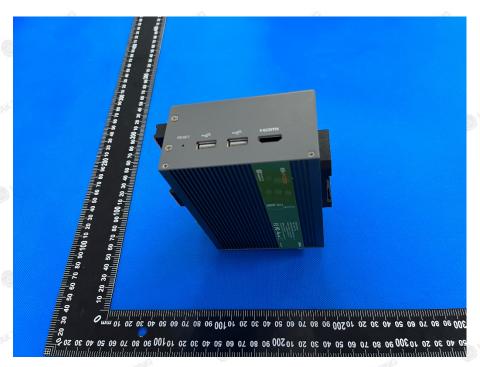


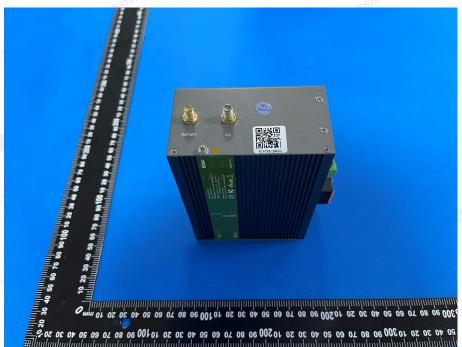


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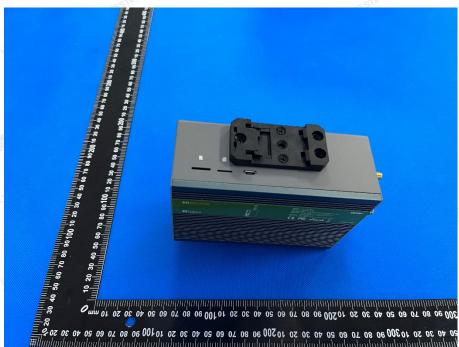






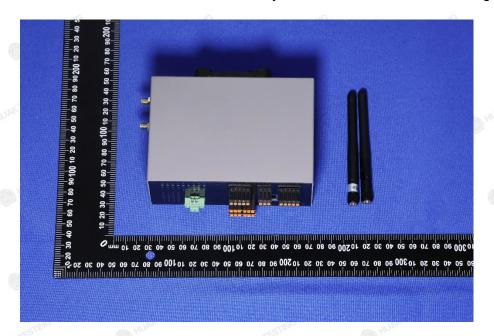
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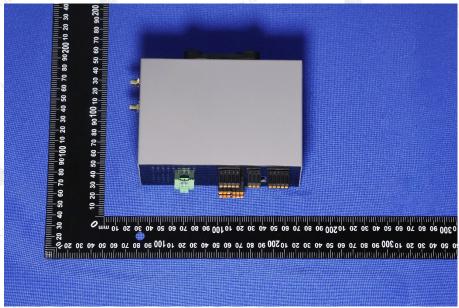






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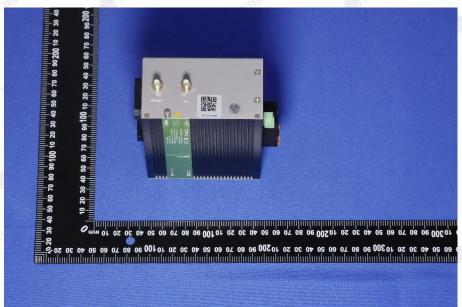






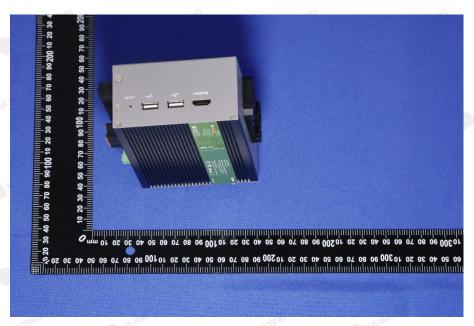
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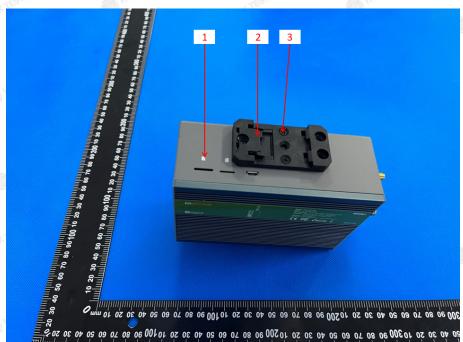






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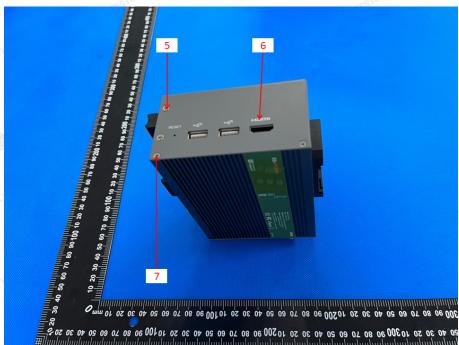






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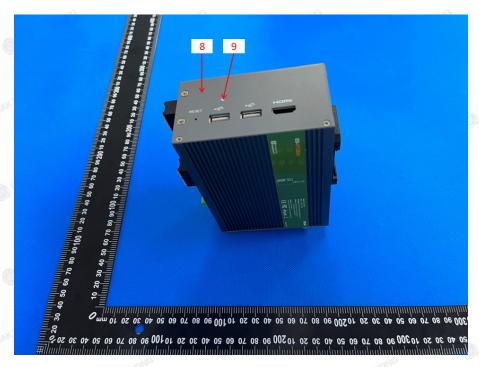


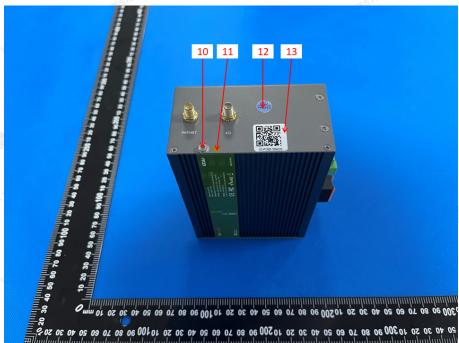
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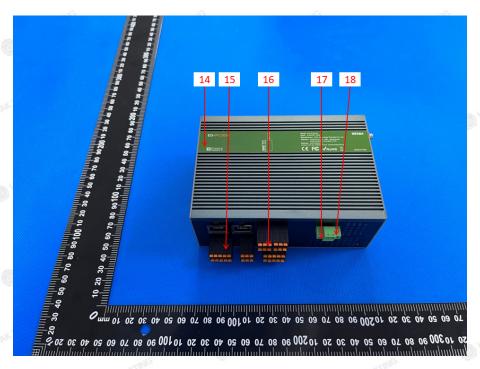
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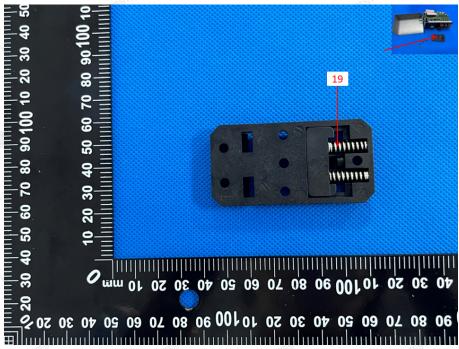






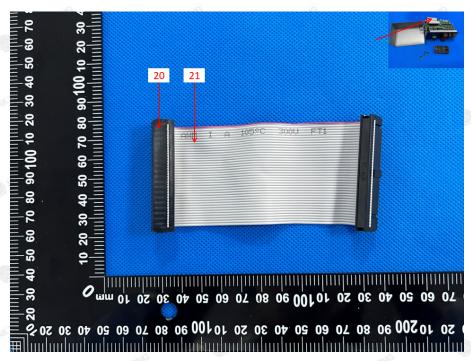
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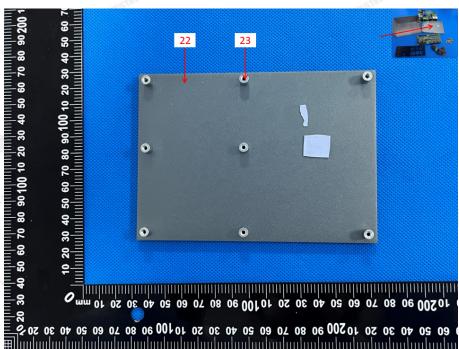






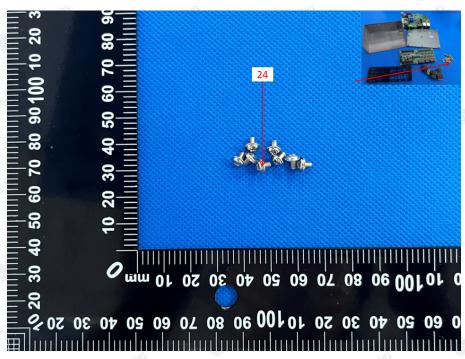
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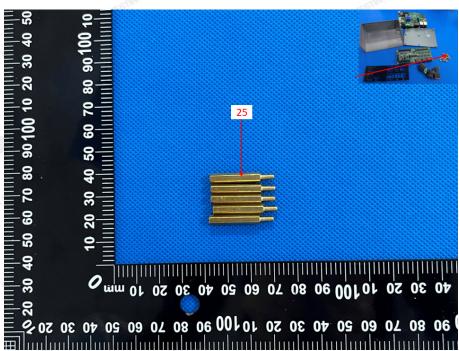






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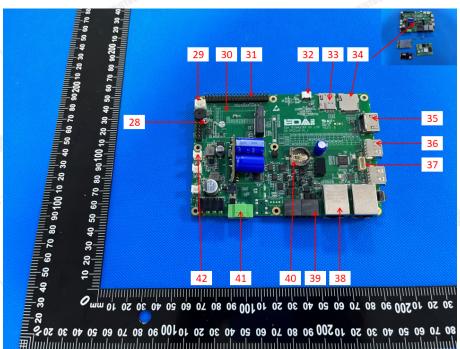






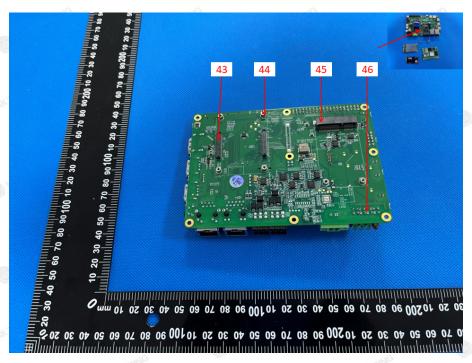
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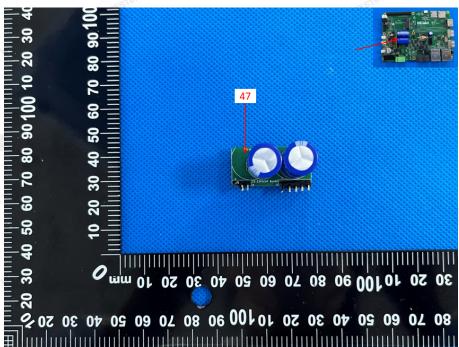






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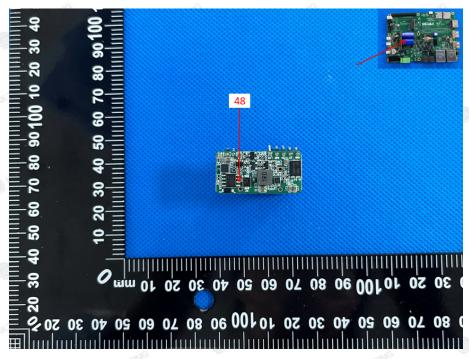


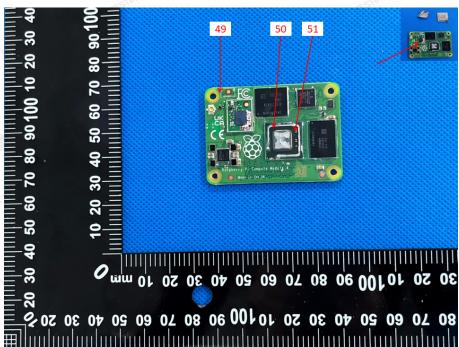


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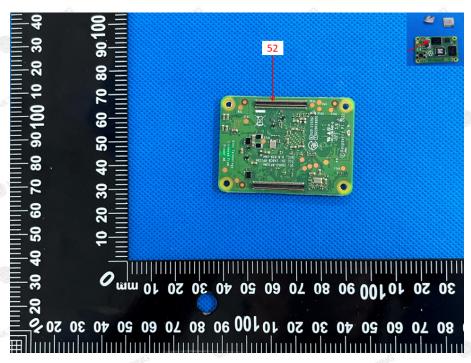
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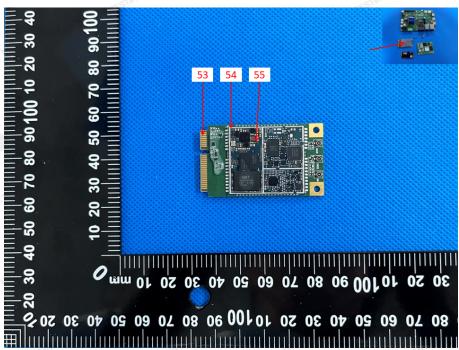






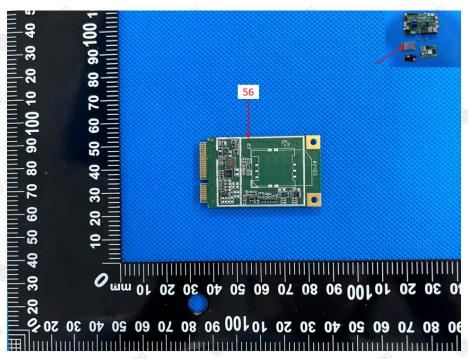
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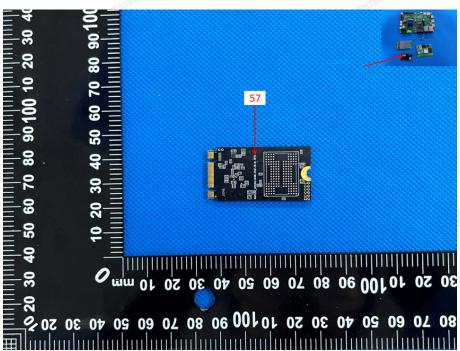






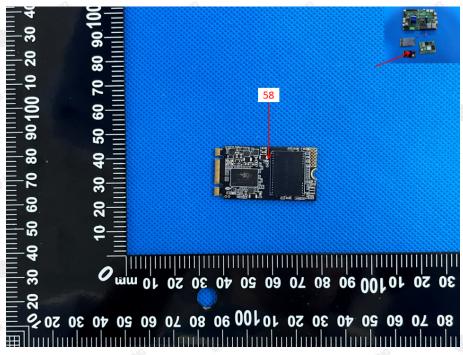
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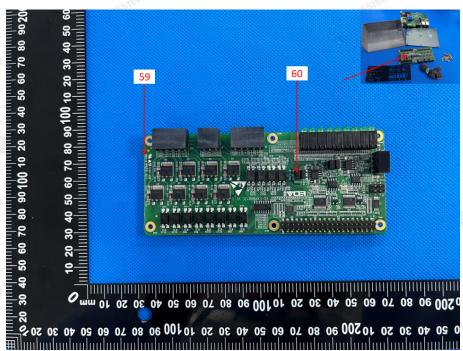






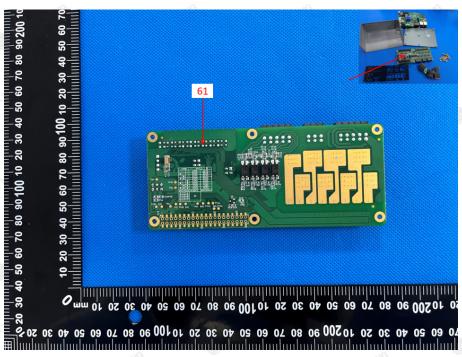
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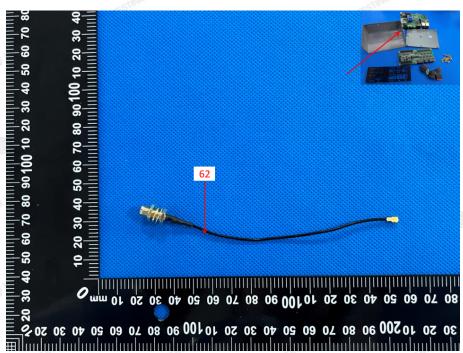






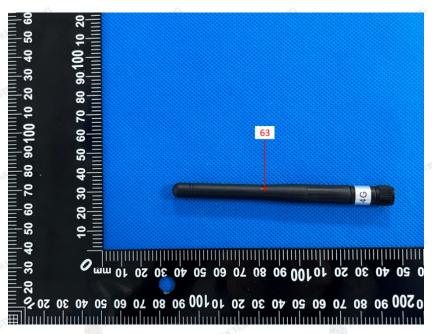
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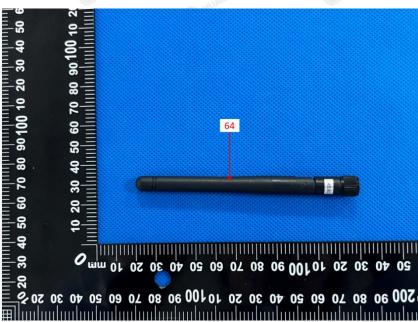






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