

## 验证报告

No. SHAEC1922444101

日期: 2019年11月22日 第1页,共29页

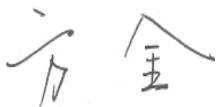
南京欣威视通信息科技股份有限公司

中国(南京)软件谷.科创城C1北8层(南京市雨花台区凤展路30号1幢)

样品名称: PCBA  
SGS工作编号: SP19-033713 - SH  
测试基本型号: SWH5186  
客户参考信息: SWH5180, SWH5119, SWH5288, SWH5166, SWH5190, SWH5191, SWH5161, SWH5185, SWH3188, SWH1383, SWH1385, SWH1076, DS3288-A, DS3288-B, DS3128, DS3128-L, DS3288-L, AI3288, LIFT3288, WB811, BOX3288, DSXXXX, DSXXXX-XXXX, AIXXXX, AIXXXX-XXXX, KMXXXX, KMXXXX-XXXX, POSXXXX, POSXXXX-XXXX, LIFTXXXX, LIFTXXXX-XXXX, BOXXXXX, BOXXXXX-XXXX, XWXXXX, XWXXXX-XXXX, FMXXXX, FMXXXX-XXXX, GVXXXX, GVXXXX-XXXX, WBXXXX, WBXXXX-XXXX, HJXXXX, HJXXXX-XXXX, QXLXXXX, QXLXXXX-XXXX, FM3288-PF1, QXL3288-V2, FM3288-PF2, HJ3288-2, FM3288-1+3, FM3288-1+1  
注: XXXX代表芯片名称, 项目或功能特点, X可用0~9, A~Z或空白表示。

样品接收日期: 2019年10月12日  
验证周期: 2019年10月12日 - 2019年11月22日  
验证要求: 参考欧盟RoHS指令2011/65/EU的修正指令(EU) 2015/863。  
验证方法: 请参见后续页。  
验证结果: 请参见后续页。  
验证结论: 依据对所提供样品的相关验证, 铅、汞、镉、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)和邻苯二甲酸酯(如邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP))的测试结果符合欧盟RoHS指令2011/65/EU附录II修正指令(EU) 2015/863的限值要求。

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Peter Fang 方金  
批准签署人



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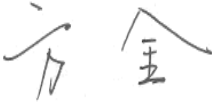
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## 验证报告

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## 验证报告

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验证方法:

1. 参考IEC 62321-2:2013, 拆分申请者提供的成品。
2. 参考IEC 62321-1:2013, 仅对本报告照片中标识的样品进行了下列测试分析。
  - (1) 参考IEC 62321-3-1: 2013, 用能量色散型X射线荧光分析仪器进行筛选
  - (2) 湿法化学测试方法
    - a. 参考IEC 62321-5:2013, 用ICP-OES测定镉的含量
    - b. 参考IEC 62321-5:2013, 用ICP-OES测定铅的含量
    - c. 参考IEC 62321-4:2013+A1:2017, 用ICP-OES测定汞的含量
    - d. 参考IEC 62321-7-1:2015, IEC 62321-7-2:2017和ISO 17075-1:2017, 用紫外-可见分光光度计比色法测定六价铬的含量
    - e. 参考IEC 62321-6:2015, 用GC-MS测定多溴联苯和多溴二苯醚的含量
3. 参考IEC 62321-8:2017, 用GC-MS测定邻苯二甲酸酯的含量



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样品编号	样品描述	限用物质	EDXRF 测试结果(1)	PHTH筛分结果(2)	化学测试结果(3) (mg/kg)	EU RoHS 结论	样品提交/再次提交日期
1	SWH5186-黑色金属散热块	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	符合 符合 符合 符合 --- --- --- --- --- ---	12 Oct 2019
2	SWH5186-电池盒上金色金属导电片	Pb Cd Hg Cr(VI)▼ PBBs PBDEs DBP BBP DEHP DIBP	BL BL BL BL --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	--- --- --- --- --- --- --- --- --- ---	符合 符合 符合 符合 --- --- --- --- --- ---	12 Oct 2019



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3	SWH5186-棕色塑料电池盒	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			
4	SWH5186-电解电容上黑色塑料底板	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			



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5	SWH5186-银色金属盖板	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	
6	SWH5186-接口上银色金属外壳	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	



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7	SWH5186-接口上银色金属插针	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	
8	SWH5186-接口上黑色塑料支架	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
		DIBP	---	IN	ND	符合	



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9	SWH5186-银色晶振本体	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	BL	---	符合	
		BBP	---	BL	---	符合	
		DEHP	---	BL	---	符合	
DIBP	---	BL	---	符合			
10	SWH5186-绿色IC1本体	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	IN	---	ND	符合	
		PBDEs	IN	---	ND	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			



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11	SWH5186-插座上白色塑料外壳	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	IN	---	ND	符合	
		PBDEs	IN	---	ND	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			
12	SWH5186-插座上银色金属插针	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
DIBP	---	---	---	---			



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样品编号	样品描述	限用物质	EDXRF 测试结果(1)	PHTH筛分结果(2)	化学测试结果(3) (mg/kg)	EU RoHS 结论	样品提交/再次提交日期
13	SWH5186-金色金属插针	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	
14	SWH5186-插针上黑色塑料固定板	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	IN	---	ND	符合	
		PBDEs	IN	---	ND	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
		DIBP	---	IN	ND	符合	



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样品编号	样品描述	限用物质	EDXRF 测试结果(1)	PHTH筛分结果(2)	化学测试结果(3) (mg/kg)	EU RoHS 结论	样品提交/再次提交日期
15	SWH5186-黑色IC1本体	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			
16	SWH5186-黑色IC2本体	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			



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样品编号	样品描述	限用物质	EDXRF 测试结果(1)	PHTH筛分结果(2)	化学测试结果(3) (mg/kg)	EU RoHS 结论	样品提交/再次提交日期
17	SWH5186-黑色IC3本体	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			
18	SWH5186-绿色IC2本体	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			



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样品编号	样品描述	限用物质	EDXRF 测试结果(1)	PHTH筛分结果(2)	化学测试结果(3) (mg/kg)	EU RoHS 结论	样品提交/再次提交日期
19	SWH5186-黑色IC4本体	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			
20	SWH5186-电感上黑色塑料外壳	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			



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样品编号	样品描述	限用物质	EDXRF 测试结果(1)	PHTH筛分结果(2)	化学测试结果(3) (mg/kg)	EU RoHS 结论	样品提交/再次提交日期
21	SWH5186-黑色IC5本体	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			
22	SWH5186-标签上白色塑料粘纸	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			



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23	SWH5186-卡槽上银色金属外壳	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	IN	---	ND	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	
24	SWH5186-卡槽上银色金属弹簧	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	



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25	SWH5186-卡槽上银色金属卡条	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	IN	---	ND	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
		DIBP	---	---	---	---	
26	SWH5186-卡槽上黑色塑料支架	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
		DIBP	---	IN	ND	符合	



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27	SWH5186-开关上黑色塑料按钮	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			
28	SWH5186-开关上银色金属上盖	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
DIBP	---	---	---	---			



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样品编号	样品描述	限用物质	EDXRF 测试结果(1)	PHTH筛分结果(2)	化学测试结果(3) (mg/kg)	EU RoHS 结论	样品提交/再次提交日期
29	SWH5186-开关上白色塑料外壳	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	BL	---	---	符合	
		PBDEs	BL	---	---	符合	
		DBP	---	IN	ND	符合	
		BBP	---	IN	ND	符合	
		DEHP	---	IN	ND	符合	
DIBP	---	IN	ND	符合			
30	SWH5186-银色金属焊锡	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	---	---	---	---	
		PBDEs	---	---	---	---	
		DBP	---	---	---	---	
		BBP	---	---	---	---	
		DEHP	---	---	---	---	
DIBP	---	---	---	---			



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样品编号	样品描述	限用物质	EDXRF 测试结果(1)	PHTH筛分结果(2)	化学测试结果(3) (mg/kg)	EU RoHS 结论	样品提交/再次提交日期
31	SWH5186-黑色PCB本体	Pb	BL	---	---	符合	12 Oct 2019
		Cd	BL	---	---	符合	
		Hg	BL	---	---	符合	
		Cr(VI)▼	BL	---	---	符合	
		PBBs	IN	---	ND	符合	
		PBDEs	IN	---	ND	符合	
		DBP	---	BL	---	符合	
		BBP	---	BL	---	符合	
		DEHP	---	BL	---	符合	
		DIBP	---	BL	---	符合	



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备注

- (1) (a) 对于限用物质是 PBBs 和 PBDEs, 其结果显示的是总 Br 含量; 限用物质是 Cr(VI), 其结果显示的是总 Cr 含量。  
 (b) EDXRF 所得的测试结果只作初步筛选, 如果 EDXRF 结果超出 IEC62321-3-1:2013 所规定的警戒范围, 我们建议客户用更精确的化学测试方法测试样品, 如用 ICP-OES 测试 Cd, Pb, Hg; 用 UV-Vis 测试 Cr(VI); 用 GC-MS 测试 PBBs 和 PBDEs (单位: mg/kg)。

元素	聚合物	金属	复合材料
Cd	$BL \leq (70-3 \sigma) < X < (130+3 \sigma) \leq OL$	$BL \leq (70-3 \sigma) < X < (130+3 \sigma) \leq OL$	$LOD < X < (150+3 \sigma) \leq OL$
Pb	$BL \leq (700-3 \sigma) < X < (1300+3 \sigma) \leq OL$	$BL \leq (700-3 \sigma) < X < (1300+3 \sigma) \leq OL$	$BL \leq (500-3 \sigma) < X < (1500+3 \sigma) \leq OL$
Hg	$BL \leq (700-3 \sigma) < X < (1300+3 \sigma) \leq OL$	$BL \leq (700-3 \sigma) < X < (1300+3 \sigma) \leq OL$	$BL \leq (500-3 \sigma) < X < (1500+3 \sigma) \leq OL$
Br	$BL \leq (300-3 \sigma) < X$	--	$BL \leq (250-3 \sigma) < X$
Cr	$BL \leq (700-3 \sigma) < X$	$BL \leq (700-3 \sigma) < X$	$BL \leq (500-3 \sigma) < X$

(c) BL = 低于限度, OL = 超出限度, IN = 不确定, LOD = 检测限, -- = 未规定。

(d) 对于复合材料, XRF 筛选测试 RoHS 元素所得数据可能与样品中实际含量不同。

- (2) PHTH 筛分结果只作初步筛选, 如果测试结果超出下表所规定的警戒范围, 我们采用更精确的化学测试方法测试样品, 用 GC-MS 测试 DBP、BBP、DEHP 和 DIBP (单位: mg/kg)。

化合物	聚合物
DBP	$BL \leq 600 < X$
BBP	$BL \leq 600 < X$
DEHP	$BL \leq 600 < X$
DIBP	$BL \leq 600 < X$

(a) mg/kg = 0.0001%, MDL=方法检测限, ND =未检出(低于 MDL), --- =未检测, - = 无清单编号。

(b) 化学测试方法的表达单位和方法检测限

测试项目	Pb	Cd	Hg	DBP	BBP	DEHP	DIBP
单位	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
方法检测限	10	10	10	100	100	100	100

任何一种 PBBs 和 PBDEs 的方法检测限是 100 mg/kg;

聚合物, 复合材料和皮革样品中 Cr(VI)的方法检测限是 10 mg/kg。

金属样品中 Cr(VI)的方法检测限是 0.10µg/cm<sup>2</sup>。



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(c) ▽ = 金属样品中

- a. 当六价铬的浓度高于 0.13  $\mu\text{g}/\text{cm}^2$  时, 样品为阳性, 即含有六价铬;
- b. 当六价铬的浓度为 ND(低于 0.10  $\mu\text{g}/\text{cm}^2$  )时, 样品为阴性, 即未检测到六价铬;
- c. 当六价铬的浓度介于 0.10  $\mu\text{g}/\text{cm}^2$  与 0.13  $\mu\text{g}/\text{cm}^2$  之间时, 无法直接判定是否检测到六价铬, 因不同个体的样品表面差异可能会影响测定结果;

由于未获知样品的存储条件和生产日期, 样品的六价铬测试结果仅能代表测试时样品含六价铬的状态。

(4) RoHS 指令中限制物质及均质材料中最大允许浓度值: Cd: 0.01%,

Pb/Hg/Cr(VI)/PBBs/PBDEs/DEHP/DBP /BBP/DIBP: 0.1%, 限值引用自 RoHS 指令(EU) 2015/863。

IEC 62321 系列等同于 EN 62321 系列

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检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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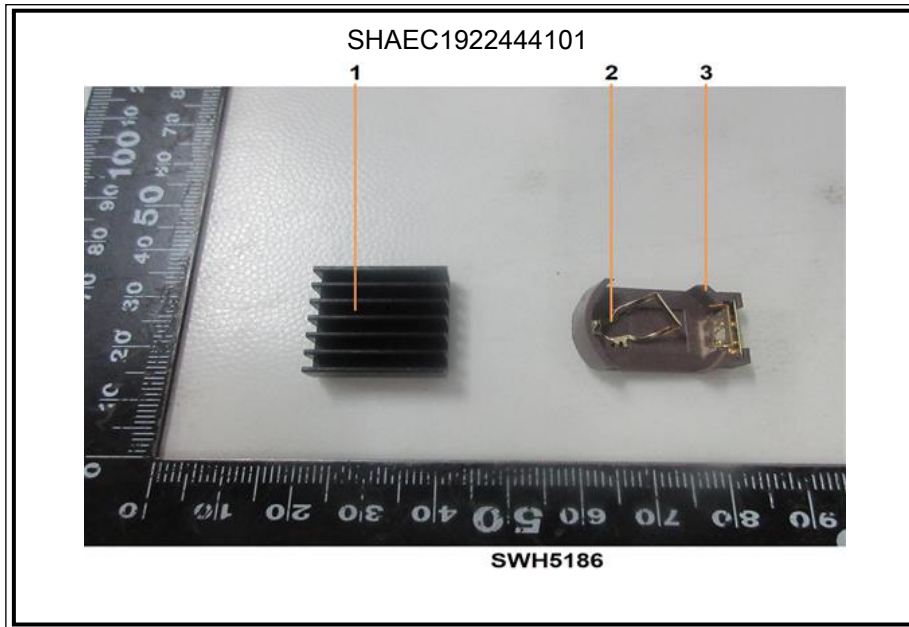
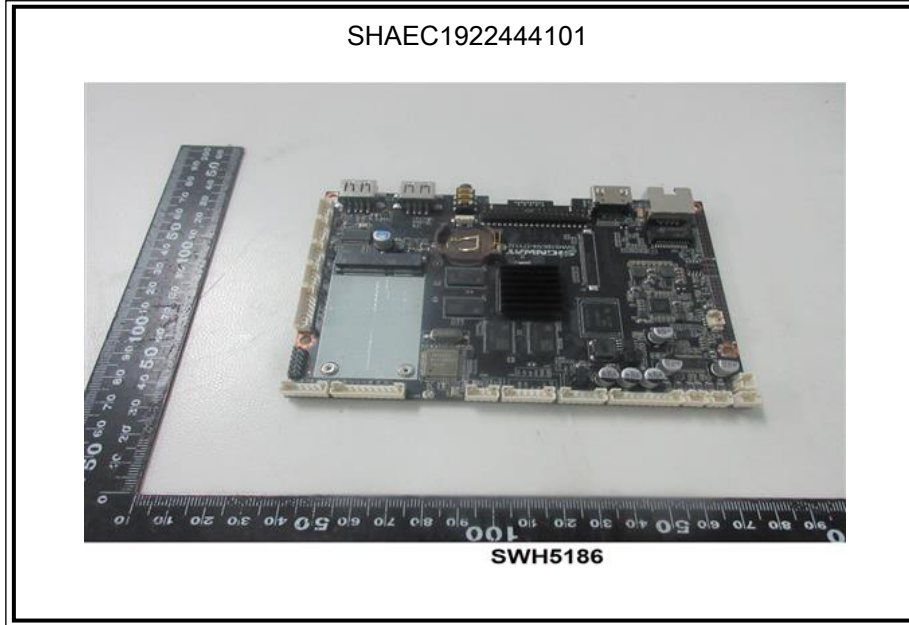
(5) 根据申请商申明, 型号“SWH5186”的材质与型号“SWH5180, SWH5119, SWH5288, SWH5166, SWH5190, SWH5191, SWH5161, SWH5185, SWH3188, SWH1383, SWH1385, SWH1076, DS3288-A, DS3288-B, DS3128, DS3128-L, DS3288-L, AI3288, LIFT3288, WB811, BOX3288, DSXXXX, DSXXXX-XXXX, AIXXXX, AIXXXX-XXXX, KMXXXX, KMXXXX-XXXX, POSXXXX, POSXXXX-XXXX, LIFTXXXX, LIFTXXXX-XXXX, BOXXXXX, BOXXXXX-XXXX, XWXXXX, XWXXXX-XXXX, FMXXXX, FMXXXX-XXXX, GVXXXX, GVXXXX-XXXX, WBXXXX, WBXXXX-XXXX, HJXXXX, HJXXXX-XXXX, QXLXXXX, QXLXXXX-XXXX, FM3288-PF1, QXL3288-V2, FM3288-PF2, HJ3288-2, FM3288-1+3, FM3288-1+1(注: XXXX 代表芯片名称, 项目或功能特点, X 可用 0~9, A~Z 或空白表示。)”的相同, 其测试结果用于替代型号“SWH5180, SWH5119, SWH5288, SWH5166, SWH5190, SWH5191, SWH5161, SWH5185, SWH3188, SWH1383, SWH1385, SWH1076, DS3288-A, DS3288-B, DS3128, DS3128-L, DS3288-L, AI3288, LIFT3288, WB811, BOX3288, DSXXXX, DSXXXX-XXXX, AIXXXX, AIXXXX-XXXX, KMXXXX, KMXXXX-XXXX, POSXXXX, POSXXXX-XXXX, LIFTXXXX, LIFTXXXX-XXXX, BOXXXXX, BOXXXXX-XXXX, XWXXXX, XWXXXX-XXXX, FMXXXX, FMXXXX-XXXX, GVXXXX, GVXXXX-XXXX, WBXXXX, WBXXXX-XXXX, HJXXXX, HJXXXX-XXXX, QXLXXXX, QXLXXXX-XXXX, FM3288-PF1, QXL3288-V2, FM3288-PF2, HJ3288-2, FM3288-1+3, FM3288-1+1(注: XXXX 代表芯片名称, 项目或功能特点, X 可用 0~9, A~Z 或空白表示。)”的测试结果。申请公司将承担所有的差异和风险。



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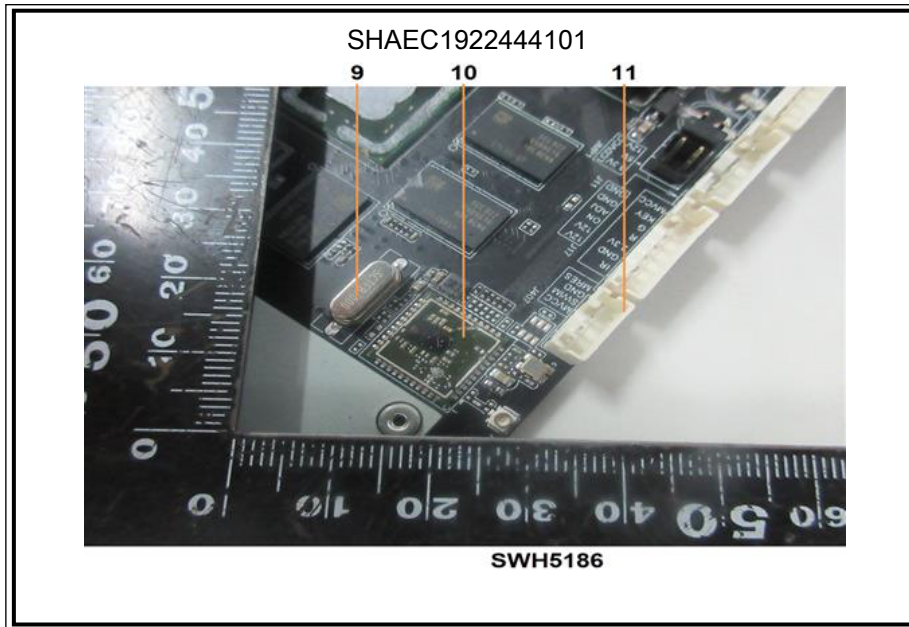
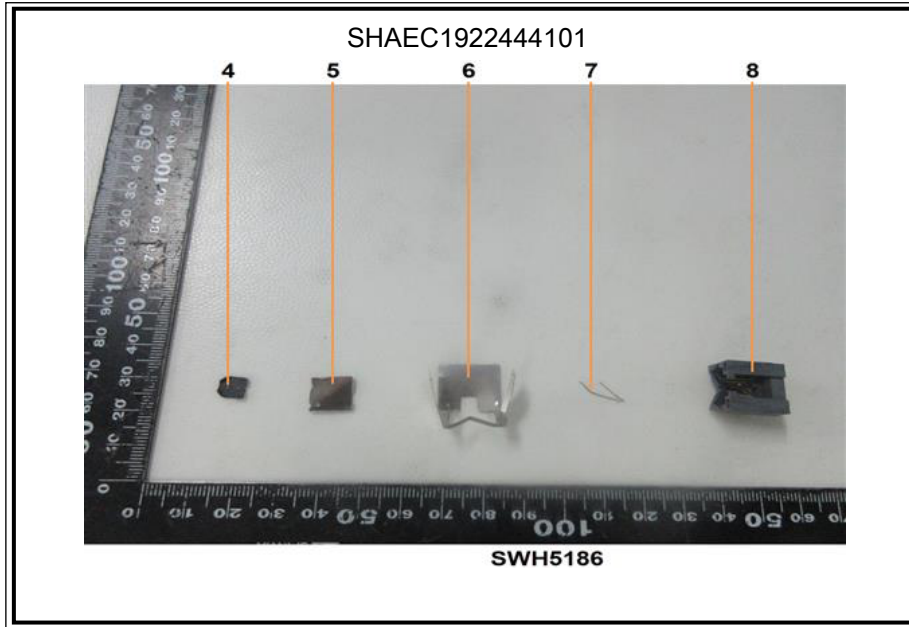
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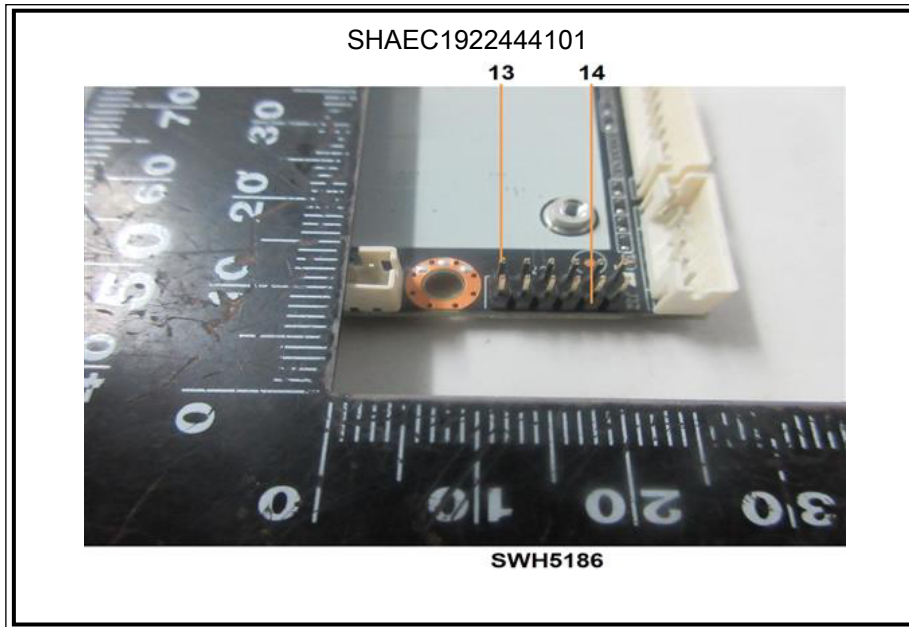
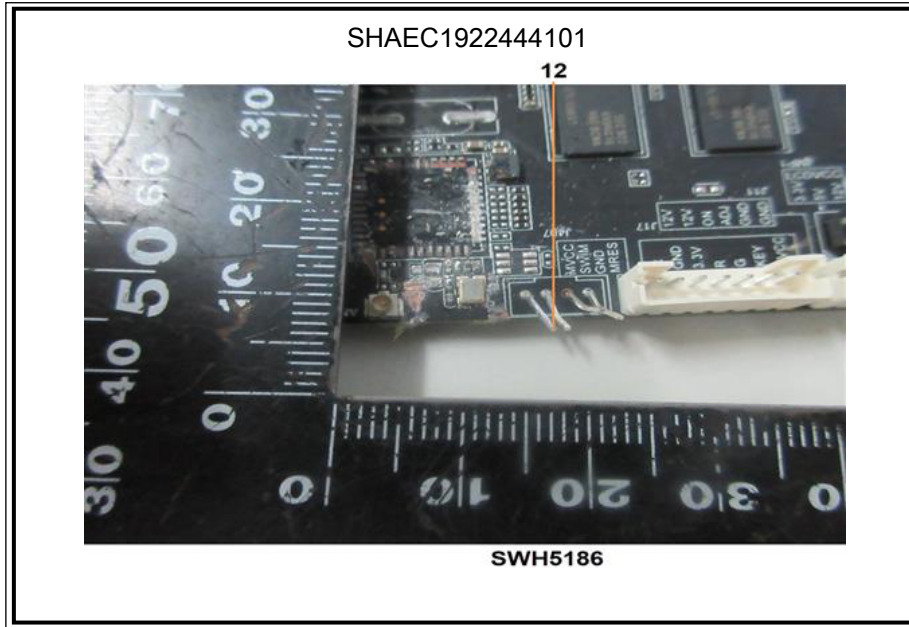
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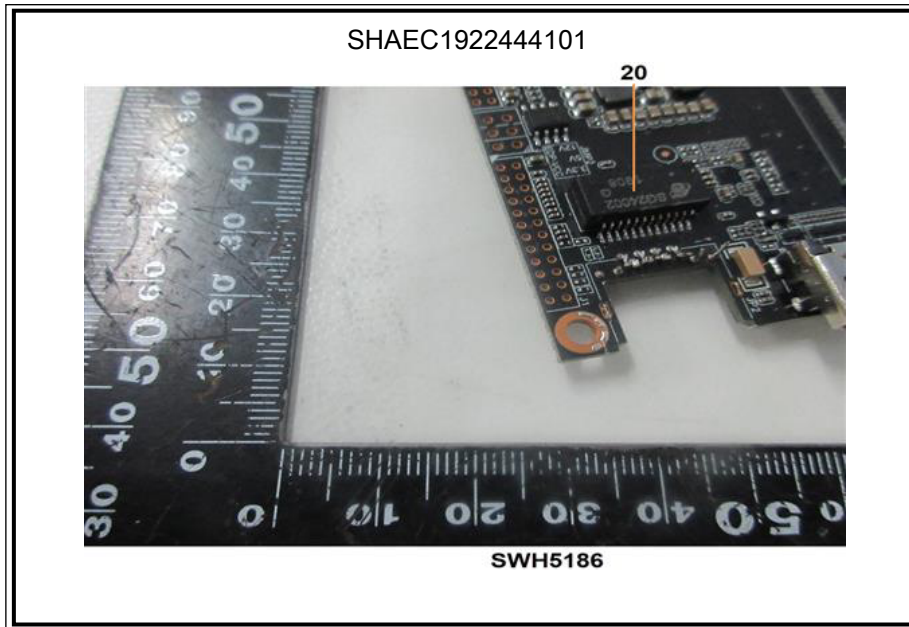
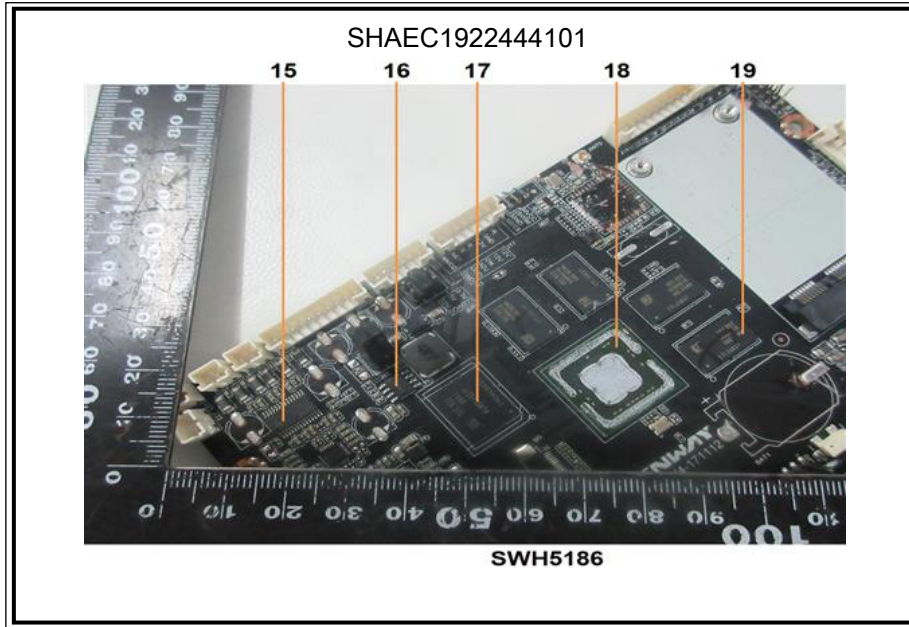
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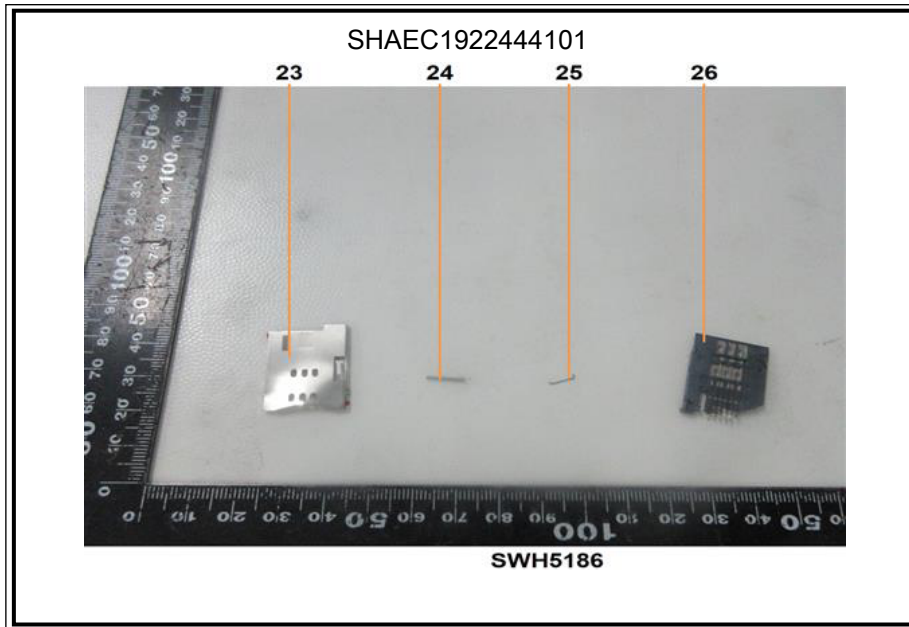
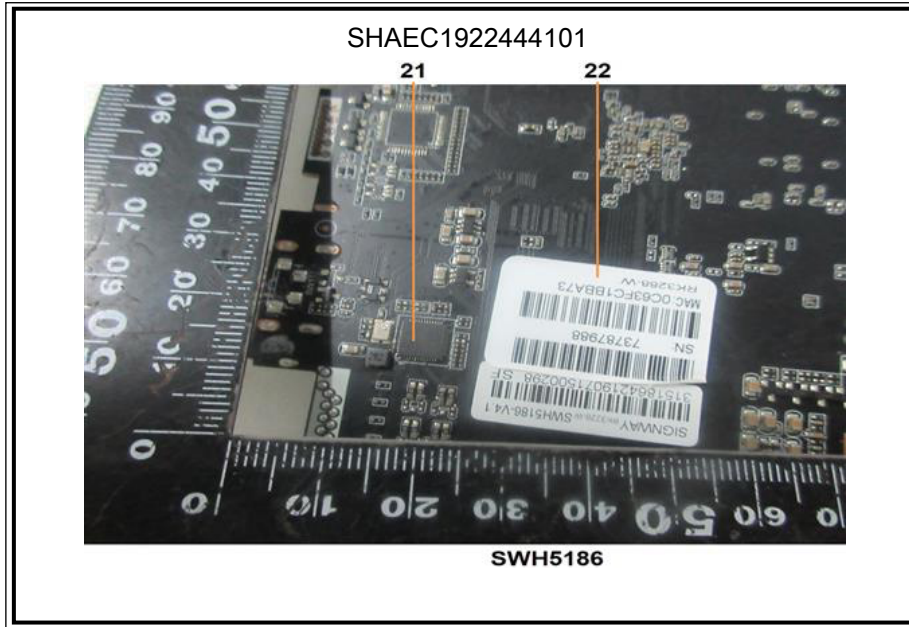
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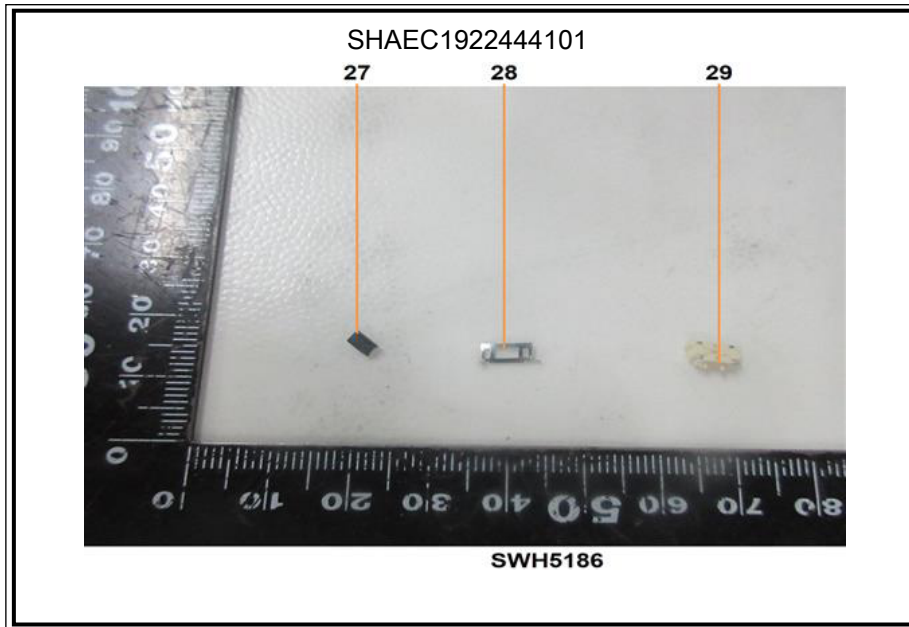
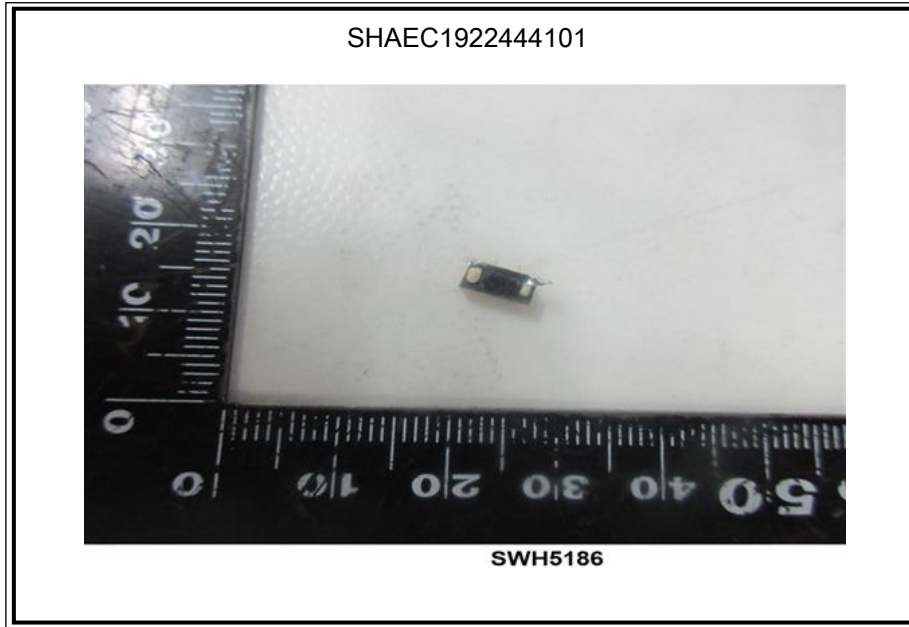
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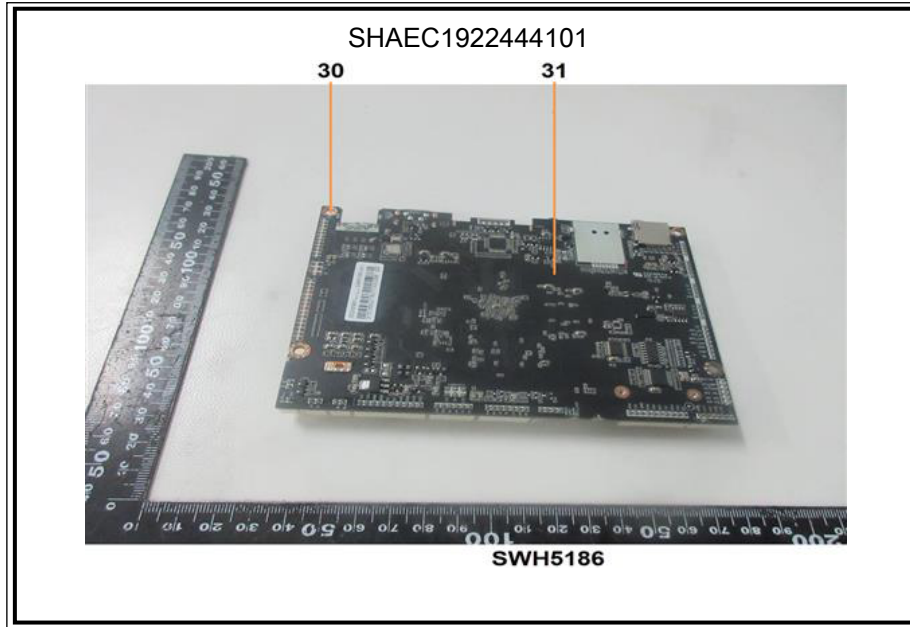
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