



检测报告

TEST REPORT

报告编号/ Report No..... : WTH24H01003420C

委托方/ Applicant : 梅州市超捷电子有限公司/ Meizhou Chaojie Electronics Co., Ltd

地址/ Address : 梅州市丰顺县汤坑镇新坑边 513 号厂房/ Plant 513, xinkengbian, tangkeng Town, Fengshun County, Meizhou City

样品名称/ Sample Name : 单面 PCB/ Single-sided PCB

检测要求/ Test Requested : 参照美国有毒物质控制法(TSCA), 检测样品中的五项持久性、生物累积性和毒性(PBT)化学物质的含量。/ Determine the five Persistent, Bioaccumulative and Toxic (PBT) chemicals content in the sample with reference to Toxic Substances Control Act (TSCA).

样品接收日期/ Date of Receipt sample : 2024-01-05

检测周期/ Testing period : 2024-01-05 ~ 2024-01-08

报告日期/ Date of Issue..... : 2024-01-09

检测结果/ Test Result..... : 参见报告下页/ Refer to next page (s)

报告制作/ Prepared By:
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Signed for and on behalf of
Shenzhen Hongcai Testing Technology Co.,
Ltd.



Michael Huang

黄胜明/Michael Huang
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<http://www.hct-test.com>

检测结果/ Test Result(s):

检测方法/仪器/ Test Method/Equipment: HCT/SZ-SOP-YJ-PI067; GC-MS

检测项目 Test Item(s)	CAS 号 CAS No.	单位 Unit	方法检出限 MDL	结果 Result(s)	限值 Limit
				(1+2+3+4+5+6 +7+8+9) [#]	
十溴二苯醚 ^{a1} Decabromodiphenyl ether(DecaBDE) ^{a1}	1163-19-5	mg/kg	5	ND	禁用 Prohibited
异丙基化磷酸三苯酯(PIP(3:1)) ^{a2} Phenol, isopropylated phosphate(PIP (3:1)) ^{a2}	68937-41-7	mg/kg	5	ND	禁用 Prohibited
2,4,6-三(叔丁基)苯酚(2,4,6-TTBP) ^{a3} 2,4,6-Tris(tert-butyl)phenol(2,4,6-TTBP) ^{a3}	732-26-3	mg/kg	50	ND	3000
六氯丁二烯 Hexachlorobutadiene (HCBd)	87-68-3	mg/kg	5	ND	禁用 Prohibited
五氯苯硫酚 Pentachlorothiophenol (PCTP)	133-49-3	mg/kg	50	ND	10000

备注/ Note:

mg/kg (毫克每千克) = ppm (百万分之)/ mg/kg (milligram per kilogram) = ppm (parts per million)

ND=未检出/ ND=Not Detected

MDL=Method Detection Limit

^{a1} =若送测样品来自于含有十溴二苯醚的产品或物品的回收塑料，则可豁免。/ ^{a1}=Exemption is available if the samples submitted for testing are from Plastic for recycling from products or articles containing DecaBDE.

^{a2} =提交的样品有下列情形之一的，不在法规的管控范围内：①用于航空或军事用途的液压油；②润滑剂和润滑脂；③汽车和航空航天车辆的新零件和替换零件；④在封闭系统中作为生产氰基丙烯酸酯胶粘剂的中间体；⑤机车和船用专用发动机空气滤清器；⑥来自于含有 PIP(3:1)的产品或物品的回收塑料。/ ^{a2}=The submitted sample is exempted from the regulated scope if it is anyone of the following: ①Hydraulic fluids for aviation or military industry; ②Lubricants and grease; ③New and replacement parts for motor and aerospace vehicles; ④Intermediate in a closed system to produce cyanoacrylate adhesive; ⑤Specialized engine air filters for locomotive and marine applications; ⑥Finished products or articles made of plastic recycled from products or articles containing PIP (3:1).

^{a3} =提交的样品如果不是油或润滑剂，则超出法规的范围。/ ^{a3}=The submitted sample is out of the regulated scope if it is not oil or lubricant.

[#]= 根据客户要求等进行等比混合检测，检测结果基于最小样品质量计算。本报告中显示的结果可能与任何均质材料的含量不同。/ [#]= As specified by client, the samples were equal mass proportional mixed to test, and the test results are calculated based on the minimum sample quality.The result(s) shown on this report may be different from the content of any homogeneous material.



样品描述/ Sample Description:

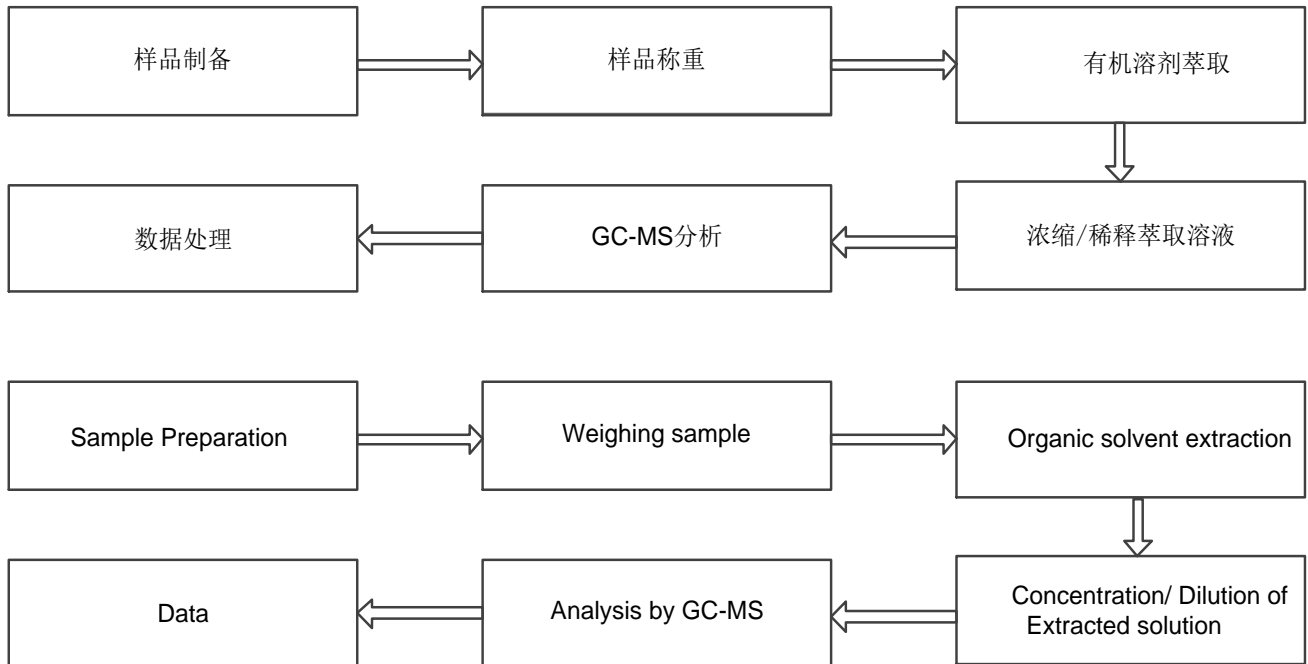
序号 No.	HCT 样品 ID HCT Sample ID	检测点描述 Test Part Description		备注 Note
1	WTH24H01003419C~3421C.1	1	浅黄色覆铜层压板连深蓝色, 白色涂层 (PCB 板)	•
2	WTH24H01003419C~3421C.2	2	棕色覆铜层压板连绿色, 白色涂层 (PCB 板)	•
3	WTH24H01003419C~3421C.3	3	浅棕色覆铜层压板连绿色, 黑色, 红色涂层 (PCB 板)	•
4	WTH24H01003419C~3421C.4	4	黄色覆铜层压板连绿色, 黑色, 红色, 白色涂层 (PCB 板)	•
5	WTH24H01003419C~3421C.5	5	浅棕色覆铜层压板连绿色, 黑色, 红色涂层 (PCB 板)	•
6	WTH24H01003419C~3421C.6	6	浅黄色覆铜层压板连绿色, 黑色, 红色, 白色涂层 (PCB 板)	•
7	WTH24H01003419C~3421C.7	7	米白色覆铜层压板连绿色, 黑色, 红色, 白色涂层 (PCB 板)	•
8	WTH24H01003419C~3421C.8	8	黄色覆铜层压板连绿色, 黑色, 红色涂层 (PCB 板)	•
9	WTH24H01003419C~3421C.9	9	黄色覆铜层压板连绿色, 黑色, 红色涂层 (PCB 板)	•

备注/ Note:

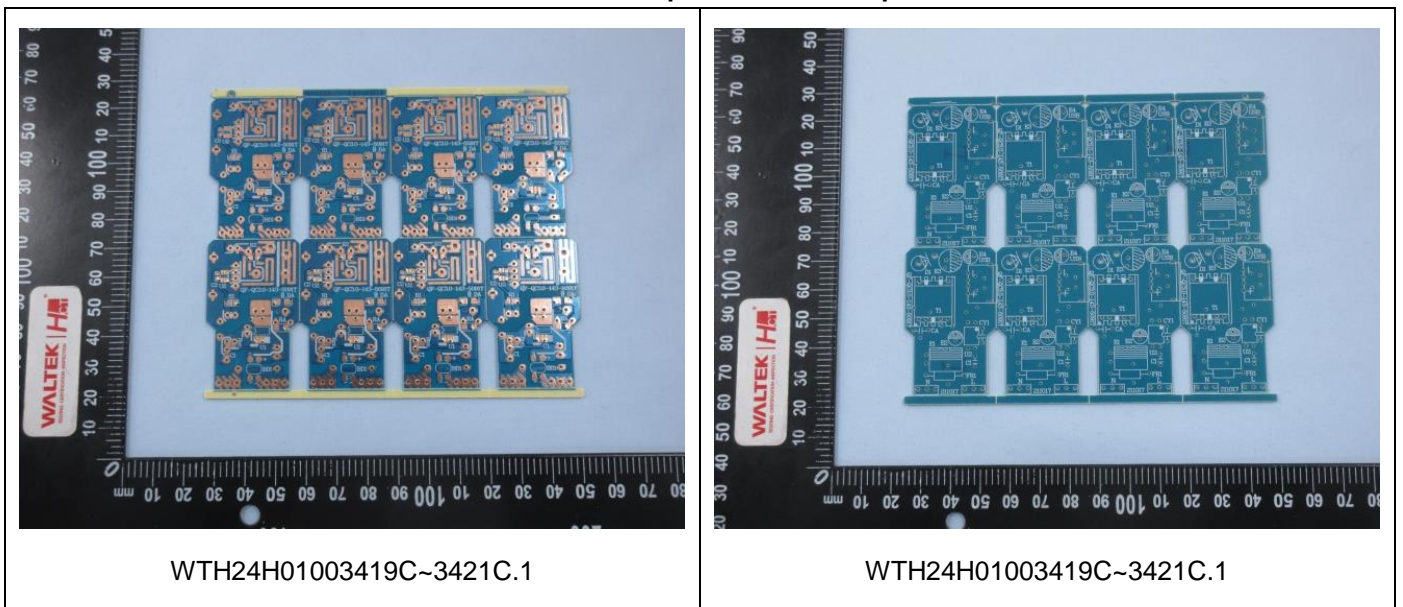
●=实际检测样品/●=Actual tested sample

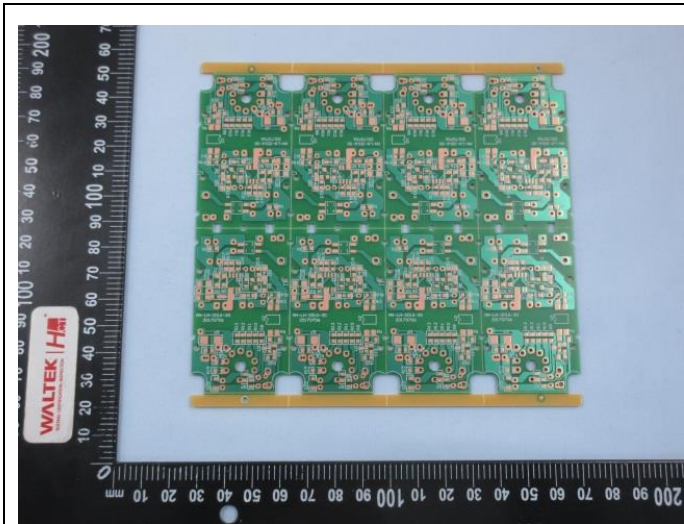


检测流程图/ Test Flow Chart:

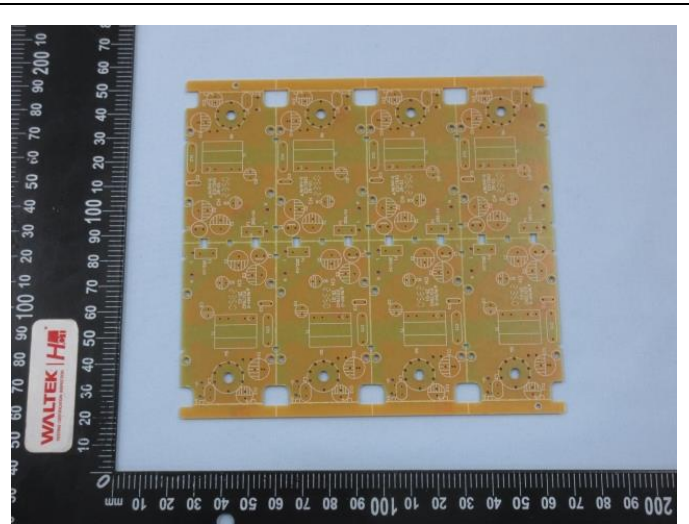


样品附图/ The photo of the sample

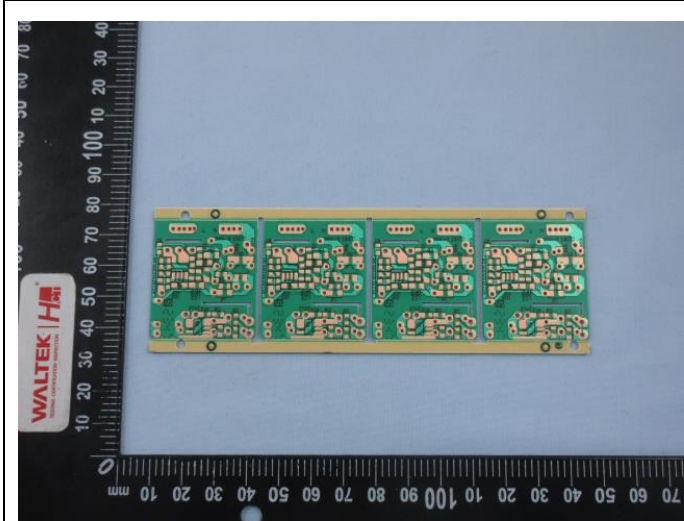




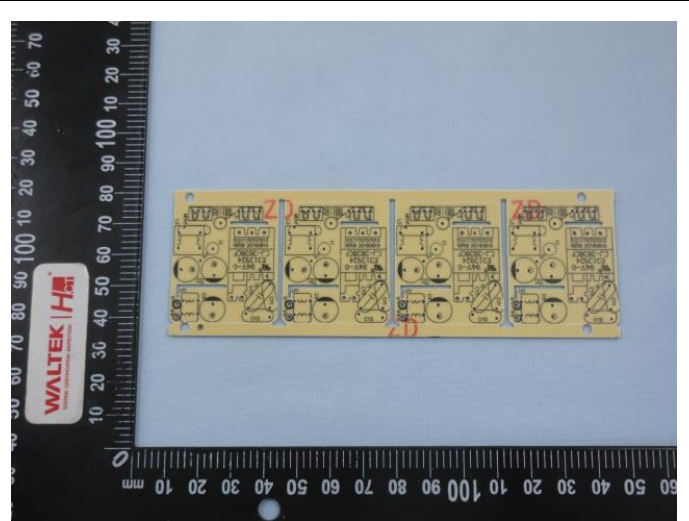
WTH24H01003419C~3421C.2



WTH24H01003419C~3421C.2

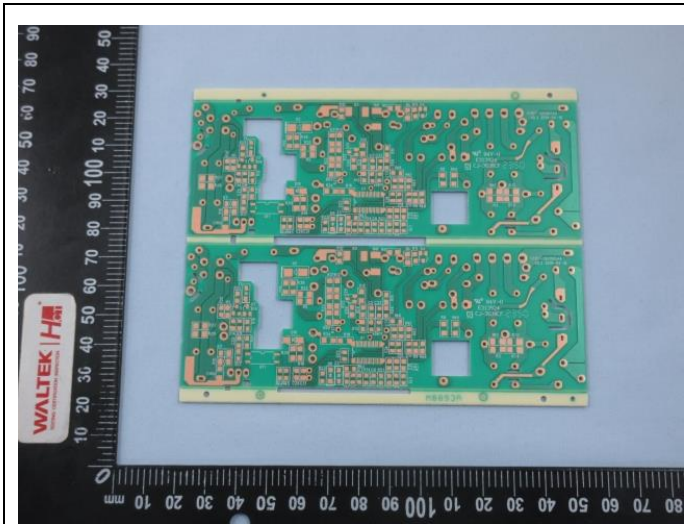


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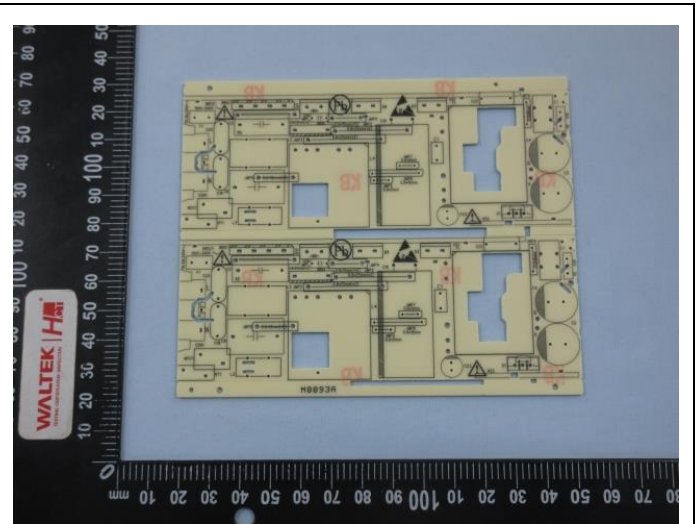


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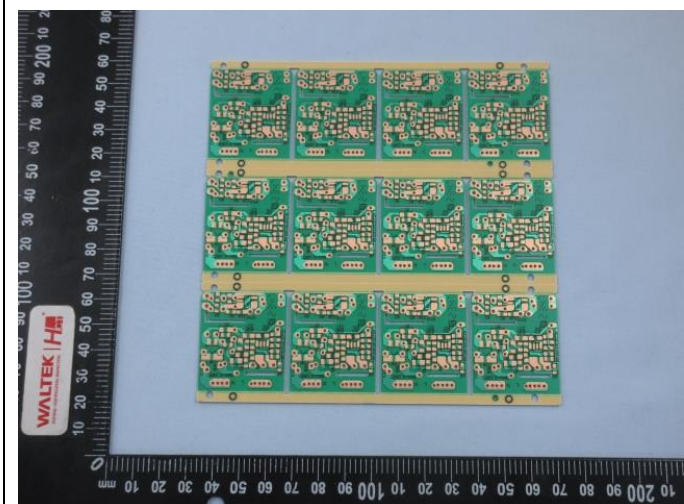




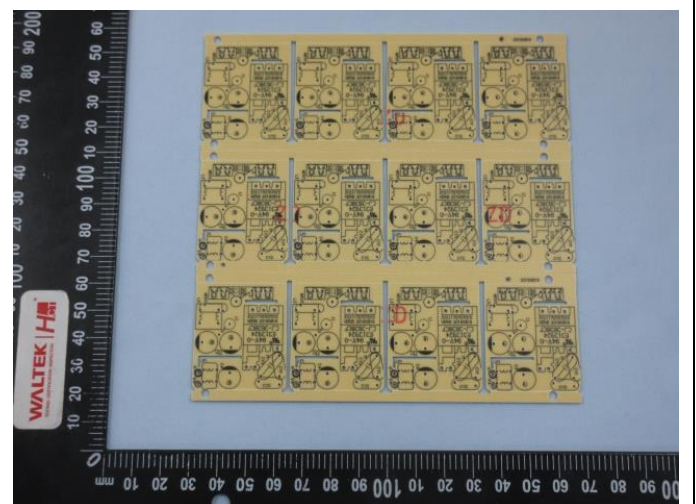
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WTH24H01003419C~3421C.4

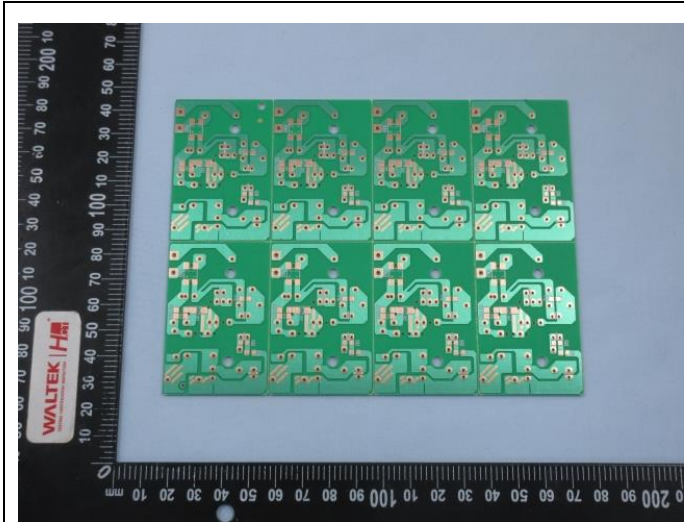


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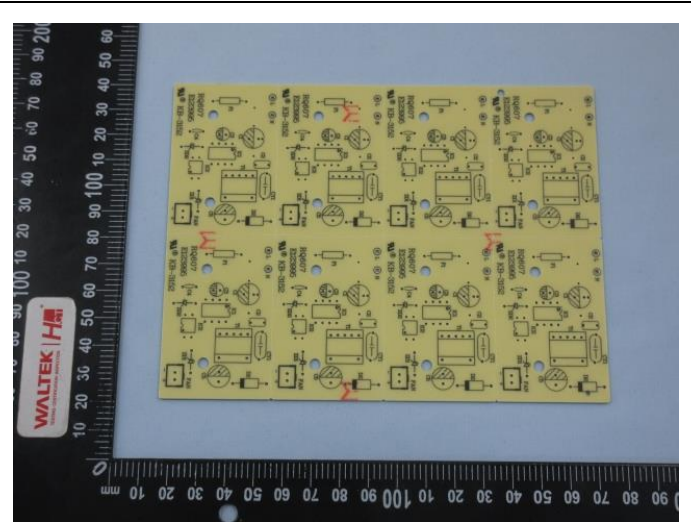


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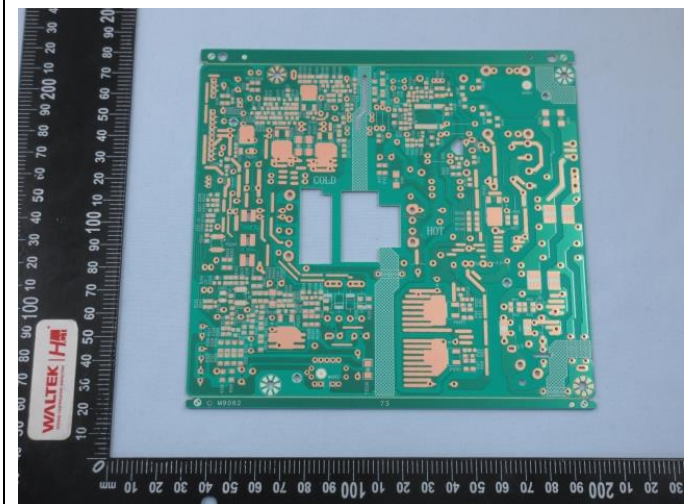




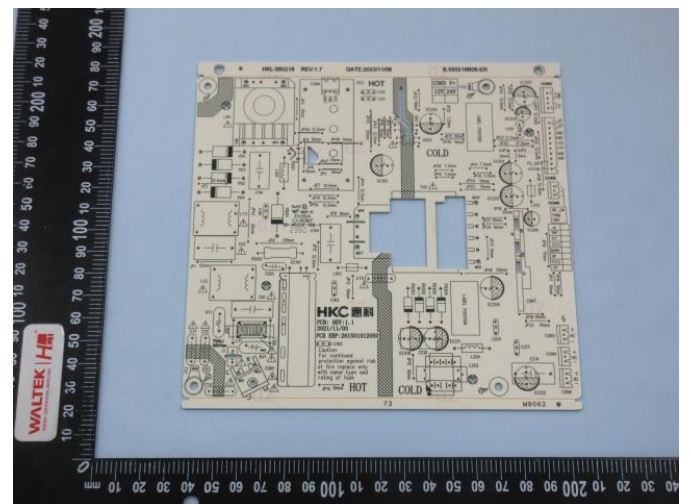
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WTH24H01003419C~3421C.6

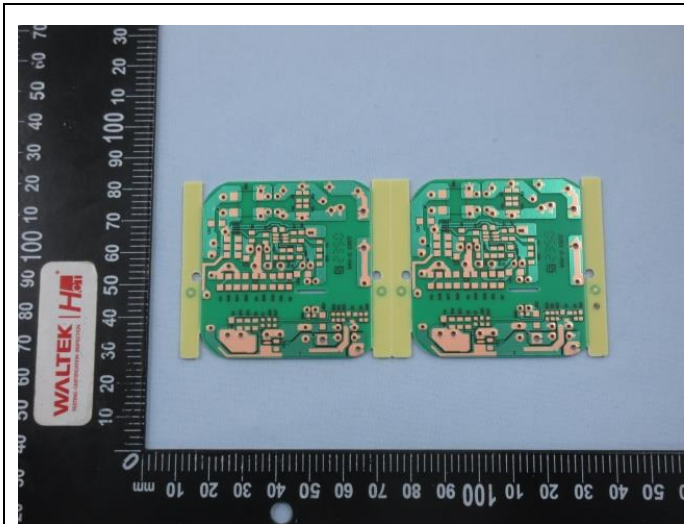


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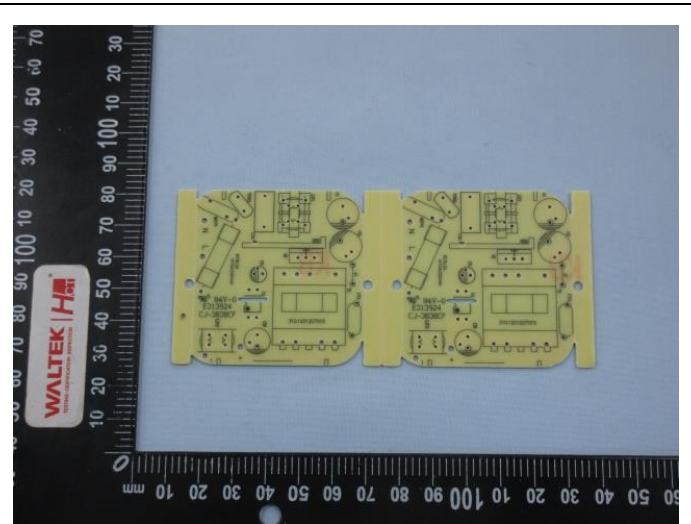


WTH24H01003419C~3421C.7

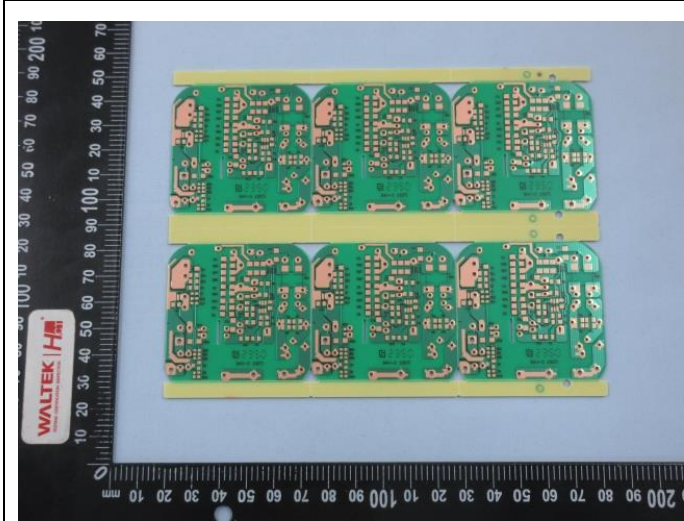




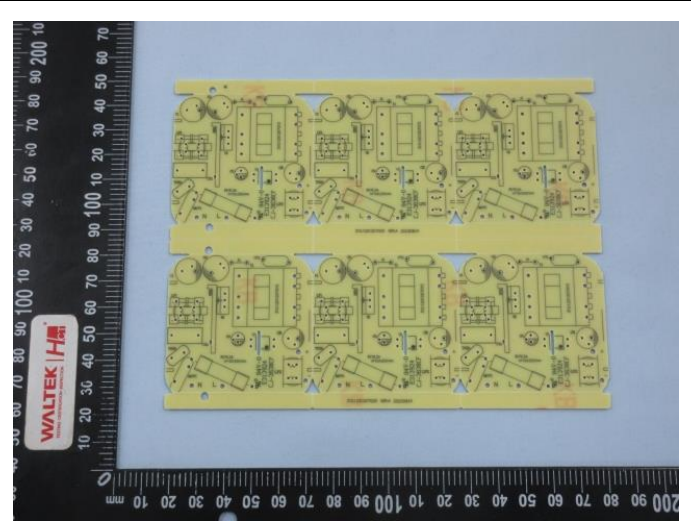
WTH24H01003419C~3421C.8



WTH24H01003419C~3421C.8



WTH24H01003419C~3421C.9



WTH24H01003419C~3421C.9



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