

PCB 製造 品質管理 O-システム

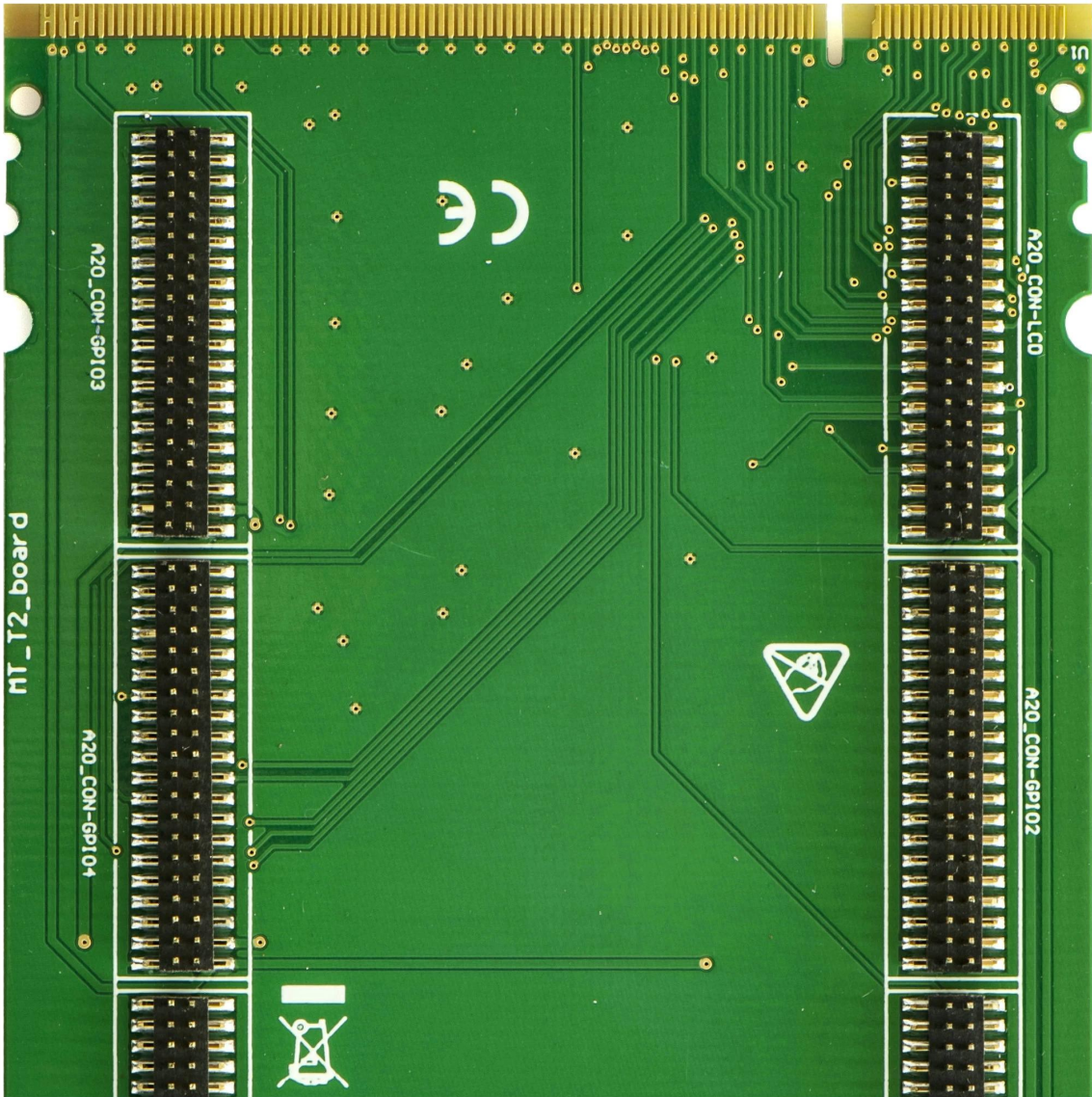
品質管理 O-Leading システムは、製造現場の品質管理を強化し、顧客の要求を満たすために EMS 企業に提供されるシステムです。このシステムは、製造現場の品質管理を強化し、顧客の要求を満たすために EMS 企業に提供されるシステムです。製造現場の品質管理を強化し、顧客の要求を満たすために EMS 企業に提供されるシステムです。

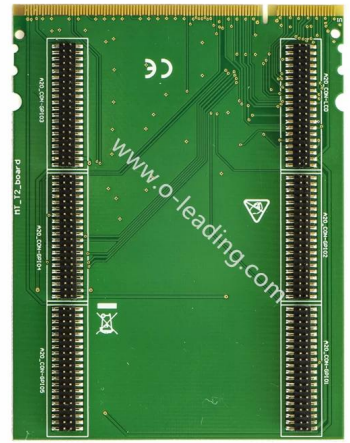
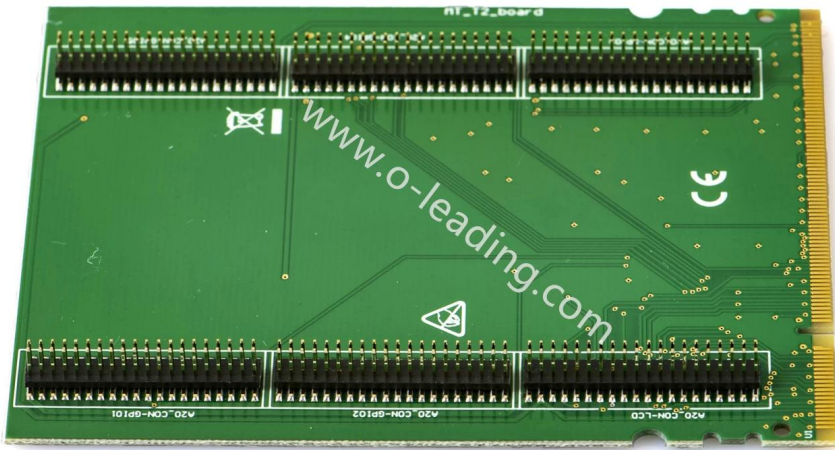
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品質管理 システム





فریقنا



Factory PCB



Automatic vacuum press machine



Drilling Machine



Pattern Plating Machine



Scrubbing Machine



Developing Machine



Routing Machine



High-speed flying probe machine



E-test Machine

Factory SMT



الشهادات

CICC INSPECTION CERTIFICATION



嘉泰认证

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 18118Q10347R05

We hereby certify that

O-LEADING SUPPLY CHAIN(HK) CO.,LIMITED

Credit No: 61691591-000-07-18-7

Registration Add: FLAT/RM 1205 12/F TAI SANG BANK BUILDING 130-132 DES VODEUS ROAD CENTRAL HK

Business Add: 1213, Floor 13, Fortune Building, Danshui Town, Huiyang District, Huizhou, Guangdong, China

Has implemented and maintains a **Quality Management System** Which fulfills the requirements of the following standards
GB/T19001-2016 idt ISO9001:2015

Scope of certification
Sales of printed circuit boards

Initial issuance period: February 27, 2018
Renewal date: April 22, 2019
This certificate is valid during: April 22, 2019 – February 26, 2021
This certificate is invalid without CICC qualified label in the following period

First supervision and audit	Second supervision and audit	Qualified mark
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The certificate registration number does not include those production stages which fail to be covered by the relevant effective administrative procedures and qualification procedures stipulated by the state. The effectiveness of this certificate shall be restricted to those activities which are covered by the certificate. The actual information of this certificate can be searched on the internet of CICC www.cicc.com.cn






CICC INSPECTION CERTIFICATION



嘉泰认证

质量管理体系认证证书

证书号: 18118Q10347R05

兹证明

诚领供应链(香港)有限公司

统一社会信用代码: 61691591-000-07-18-7

注册地址: 香港中環德輔道中130-132號大生銀行大廈1205室

经营地址: 广东惠州惠阳淡水南亨西路财富大厦13楼1313

建立的质量管理体系符合
GB/T19001-2016 idt ISO9001:2015 质量标准适用条款的要求

认证范围
印刷线路板的销售

初次获证日期: 2018年02月27日
换证日期: 2019年04月22日
证书有效期: 自2019年04月22日至2021年02月26日
在下列期限内, 未经CICC黏贴合格标贴, 本证书无效

第一次监督	第二次监督	黏贴处
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本证书认证范围不包括未取得有效的国家规定的行政许可、资质许可的产品/服务范围; 本证书通过CICC定期监督审核保持, 与年度《保持认证通知书》共同方为有效; 本证书信息可在国家认监委网站: www.cnca.gov.cn及CICC网站www.cicc.com.cn查询








Test Report

No. SZXEC1900530401 Date: 30 Mar 2019 Page 1 of 6

O-LEADING SUPPLY CHAIN (HK) CO., LIMITED

1313.FLOOR 13, FORTUNE BUILDING, DANSHUI TOWN, HUIYANG DISTRICT, HUIZHOU, GUANGDONG, CHINA

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

SGS Job No. : RP19-005089 - SZ
Date of Sample Received : 22 Mar 2019
Testing Period : 22 Mar 2019 - 30 Mar 2019
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Conclusion : Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP) , Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) , and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Tina
Tina Fan
Approved Signatory



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Test Report

No. SZXEC1900530401 Date: 30 Mar 2019 Page 2 of 6

Test Results :

Test Part Description :

Table with 3 columns: Specimen No., SGS Sample ID, Description. Row 1: SN1, SZX19-005304.001, Green"PCB"

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method : With reference to IEC 62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Table with 5 columns: Test Item(s), Limit, Unit, MDL, 0/1. Lists various substances like Cadmium, Lead, Mercury, Hexavalent Chromium, Sum of PBBs, etc. with their respective limits and detection results.



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ZPMV2.E490354 - WIRING, PRINTED - COMPONENT

Wiring, Printed - Component

See General Information for Wiring, Printed - Component

O-LEADING SUPPLY CHAIN (HK) CO LTD
 ROOM 1205, 12/F
 TAI SANG BANK BLDG
 130-132 DES VOEUS ROAD
 CENTRAL, HONG KONG

E490354

Type	Cond Width		Cond Thk	SS/ DS/ DSO	Max	Max		Meets	C			
	Min	Edge			Area	Solder	Oper			Flame		
	mm(in)	mm(in)	mic(mil)		mm(in)	C	sec	C	Class	UL796	DSR	I
Multilayer (mass laminate) printed wiring boards.												
O-LEADING-401	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	12.7 (0.5)	260	10	130	V-0	-	-	-
O-LEADING-407	0.08 (0.003)	0.2 (0.008)	17 (0.67)	DS	9.7 (0.4)	260	10	130	V-0	All	-	-
Multilayer printed wiring boards.												
O-LEADING-408	0.125 (0.005)	0.125 (0.005)	12 (0.47) Int:136	DS	50.8 (2.0)	280	20	130	V-0	All	*	*
Single layer printed wiring boards.												
O-LEADING-002	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	105	V-0	All	-	-
O-LEADING-003	0.38 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	130	V-0	▲	-	-
O-LEADING-033	0.15 (0.006)	0.3 (0.012)	34 (1.34)	SS	25.4 (1.0)	260	10	120	V-0	All	-	-
O-LEADING-205	0.1 (0.004)	0.3 (0.012)	34 (1.34)	DS	69.6 (2.7)	260	10	130	V-0	All	-	-
O-LEADING-206	0.15 (0.006)	0.33 (0.013)	17 (0.67)	DS	69.6 (2.7)	260	10	130	V-0	All	-	-
O-LEADING-D01	0.14 (0.006)	0.15 (0.006)	33 (1.30)	DS	25.4 (1.0)	260	10	130	V-0	All	*	*
O-LEADING-S01	0.25 (0.010)	0.25 (0.010)	17 (0.67)	SS	25.4 (1.0)	260	4	130	V-0	All	*	*

WIRING, PRINTED - COMPONENT | UL Product iQ

O-LEADING-S02	0.2 (0.008)	0.2 (0.008)	17 (0.67)	SS	25.4 (1.0)	260	4	130	HB	▲	*	*
O-LEADING-S03	0.25 (0.010)	0.25 (0.010)	34 (1.34)	SS	25.4 (1.0)	260	4	130	V-0	All	*	*

* - CTI marking is optional and may be marked on the printed wiring board.

Marking: Company name or file number and type designation. May be followed by a suffix to denote factory identification or burning test classification.

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القدرة العملية

قدرات إنتاج ثنائي الفينيل متعدد الكلور		SMT قدرات إنتاج	
عدد الطبقات	طبقة 32- طبقة 1	مادة ثنائي الفينيل متعدد الكلور	لوح من الألمونيوم ، CEM-1 ، CEM-3 ، FR-4
سمك النحاس النهائي	1 / 3oz-12oz	الحد الأقصى لحجم ثنائي الفينيل متعدد الكلور	510x460 مم
الحد الأدنى لعرض الخط / التباعد الداخلي	3.0 ميل / 3.0 ميل	الحد الأدنى لحجم ثنائي الفينيل متعدد الكلور	50x50 مم
الحد الأدنى لعرض / تباعد الخط الخارجي	4.0 ميل / 4.0 ميل	سمك ثنائي الفينيل متعدد الكلور	0.5 مم - 4.5 مم
أقصى نسبة العرض إلى الارتفاع	10: 1	سمكة مجلس	0.5-4 ملم
سمكة مجلس	0.2 مم - 5.0 مم	الحد الأدنى لحجم المكونات	0201
(الحد الأقصى لحجم اللوحة (بال بوصة	635 * 1500 مم	مكون حجم رقاقة قياسي	0603 وأكبر
الحد الأدنى لحجم الثقب المحفور	4 ميل	ارتفاع المكون الأقصى	15 ملم
Plated التسامح مع ثقب	میل 3 +/-	الحد الأدنى للرصاص	0.3 ملم
Blind / Buried Vias (All أنواع)	نعم	الحد الأدنى لملمع الكرة بفا	0.4 مم
(غير التعتية (موصلة وغير موصلة	نعم	دقة التنسيب	+/- 0.03 ملم
مادة أساسية	FR-4 ، FR-4hg Tg. ، روجرز ، مادة خالية من الهالوجين ، بوليميد ، نحاس ثقيل ،		
التشطيبات السطحية	HASL ، OSP ، ENIG ، HAL-LF ، Immersion silver ، القصدير ، أصابع ، الذهب ، حبر الكربون		

التعبئة والتغليف والتسليم

Shipping service



Quick Turn Lead Time		
Layer Count:	Lead Tim	Special Requirement
1L/2L	2-3days	24 Hours,48 Hours
4L	3-4days	48 Hours
6L	4-5days	72 Hours
8L	5-6days	NA
10L	6-7days	NA
12L	7-8days	NA
14L	8-9days	NA

Standard Lead Time		
Layer Count:	Sample Lead Time	Volume order lead time
2L	4 days	10 days
4L	5 days	11 days
6L	6 days	12 days
8L	8 days	14 days
10L	10 days	16 days
12L	12 days	18 days
14L	14 days	20 days
16-32L	18 days	24 days

التعليمات

1. اختبار O-Leading

يتم اختبار O-Leading في جميع الحالات. يجب أن تكون العملية متوافقة مع المواصفات القياسية 1.1 ISO 9001: 2008. 1.2 يجب أن تكون العملية متوافقة مع المواصفات القياسية 1.3 AOI (اختبار البصريات الآلي) في جميع الحالات. 1.4 يجب أن تكون العملية متوافقة مع المواصفات القياسية 1.5

2 O-Leading

يتم اختبار O-Leading في جميع الحالات. يجب أن تكون العملية متوافقة مع المواصفات القياسية 31 في جميع الحالات. 1.3 AOI (اختبار البصريات الآلي) في جميع الحالات. 1.4 يجب أن تكون العملية متوافقة مع المواصفات القياسية 1.5

.3 O-Leading

FR4 Rogers Arlon Telfon PI

.4

4.1 4.2 PCB Gerber.

4.3 PCB PCBA.

4.4

4.5

.5

AOI PTH AOI E / T

.6 HDI

VCP LDI

LDI Screen Hitachi

.7

ENIG OSP LF-HASL OSP ENIG + ENIG HDI OSP OSP + ENIG BGA PAD 0.3

.8 FPC O-Leading SMT

8 2000mm * 240mm "Flex Flexability" SMT

- 9

.10 PCB PWB FPC

PWB Wire Wire Board FPC

.11 PCB

Tg CTE 250

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00000000000 000000 00000 0000 **.13**
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POLAR INSTRUMENTS.
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