O를 선도하는

O-Leading은 PCB 설계, PCB 제조 및 PCB 어셈블리 (PCBA)를 포함하여 EMS 공급망에서 원 스톱 솔루션 파트너가되기 위해 노력하고 있으며 HDI PCB, 다층 PCB, 강성-유연성 PCB를 포함한 최첨단 PCB 기술을 제공합니다. 우리는 빠른 회전 프로토 타입에서 중간 규모 및 대량 생산까지 지원할 수 있습니다. (OEM Pcb 프로토 타입 제조업체 중국)

일반적으로 전 세계 고객은 빠른 응답, 경쟁력있는 가격 및 품질 약속이라는 서비스에 깊은 감명을받습니다.보다 가치있는 기술 서비스와 전반적인 솔루션을 제공하는 것이 O를 선도하는 방법입니다.

앞으로도 O-leading은 전자 제조 기술의 혁신과 개발에 항상 집중하고, 일류 서비스를 제공하고 고객에게 더 많은 가치를 창출하기 위해 PCB 및 PCBA 원 스톱 서비스에 지속적으로 노력할 것입니다.

우리는 10 년 이상의 경험을 가진 전문 PCB 제조업체입니다. 제품은 단일, 양면, 다층 PCB, 유연한 PCB 및 MCPCB를 제공합니다. 우리는 빠른 프로토 타입 서비스를 제공 할 수 있습니다. 24 시간 내에 S / S, 48-96 시간 근무 시간에 4-8 층. 주문 회로 기판 china

구리 플레이트 구멍 최소 .025 AVG, .020 분 구멍이 막히지 않아야합니다

무색 투명한 거품 필름, 25 PCS / bag, 측면에 건조제를 넣고 상단에 습도 표시기 카드를 넣습니다

제품 설명

PCB P / N	BGA 8mil를 가진 6L 높은 TG170 pcb
레이어 수	6L
재료	FR-4 TG170
보드 thk	1.60mm
구리 thk	1 / 1 / 1 / 1 / 1 / 1oz
가장 작은 구멍 크기	0.20mm
구멍 수 (개)	683
라인 w / s	4/4 밀
임피던스 제어. Y / N (톨 %)	와이
표면 마무리	ENIG Au : 0.05-0.10UM
솔더 마스크 실크 스크린	그린 / 위트이자형
싱글 보드 크기	희미한 X (mm) : 63.7; 희미한 Y (mm) : 47.1
패널화	희미한 X (mm) : 143.4; 희미한 Y (mm) : 94.2; UPS 없음 : 4
특수 : 박피 마스크	엔
라우팅 / 펀칭	CNC

-

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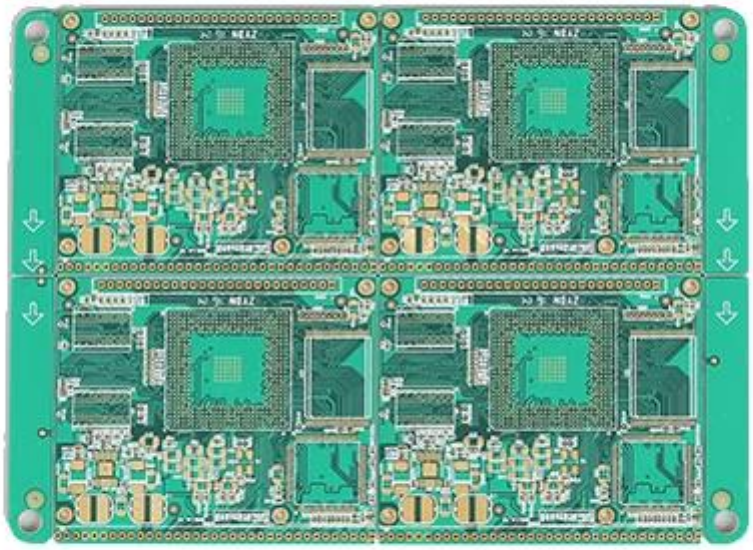

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□□ □

O-LEADING

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

CICC INSPECTION CERTIFICATION

CICC CERTIFICATION
嘉泰认证

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 18118Q10347R0S

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 VOEUS ROAD CENTRAL HK

Business Add: 1313, Floor 13, Fortune Building, Danshui Town, Huiyang District, Huizhou, Guangdong, China

Has implemented and maintains a **Quality Management System**

Which fulfils 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

CICC IAF CNAS

CICC INSPECTION CERTIFICATION

CICC CERTIFICATION
嘉泰认证

质量管理体系认证证书

证书号：18118Q10347R0S

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

在下列期间内，未经 CICC 贴贴合格标贴，本证书无效

第一次监审		第二次监审	贴标处

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CICC IAF CNAS

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 Fan
Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
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, IEC62321-5:2013, IEC62321-7-2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	8
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1,000	mg/kg	8	ND
Sum of PBBs	1,000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND
Dibromodiphenyl ether	-	mg/kg	5	ND
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND

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UL Product iQ™

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 Min mm(in)	Min Edge mm(in)	Cond Thk mic(mil)	SS/ DS/ DSO	Max Area Diam mm(in)	Solder Limits C	sec	Max Oper Temp C	Flame Class	Meets UL796 DSR	CTI
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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□□ □ □□

Shipping service

DHL WORLDWIDE EXPRESS TNT FedEx Express UPS

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

공정 능력

PCB 생산 능력

레이어 수 : 1Layer-32Layer
완성 된 구리 두께 : 1 / 3oz-12oz
최소 라인 폭 / 간격 내부 : 3.0mil / 3.0mil
최소 라인 폭 / 간격 외부 : 4.0mil / 4.0mil
최대 종횡비 : 10 : 1
보드 두께 : 0.2mm-5.0mm
최대 패널 크기 (인치) : 635 * 1500mm
최소 드릴 구멍 크기 : 4mil
Plated 구멍 공차 : +/- 3mil
Blind / Buried Vias (All 유형) : 예
충전을 통해 (전도성, 비전 도성) : 예
기본 재료 : FR-4, FR-4high Tg.Halogen free material, Rogers, Aluminium base,폴리이 미드,
무거운 구리
표면 마감 : HASL, OSP, ENIG, HAL-LF, 침지은,침수 주석, 금 손가락, 탄소 잉크

SMT 생산 능력

PCB 물자 : FR-4, CEM-1, CEM-3, 알루미늄 기반 보드
최대 PCB 크기 : 510x460mm
최소 PCB 크기 : 50x50mm
PCB 두께 : 0.5mm-4.5mm
보드 두께 : 0.5-4mm
최소 구성 요소 크기 : 0201
표준 칩 크기 구성 요소 : 0603 이상
부품 최대 높이 : 15mm
최소 리드 피치 : 0.3mm
최소 BGA 볼 피치 : 0.4mm
배치 정밀도 : +/- 0.03mm