

Welkom bij O-leiding

O-toonaangevende streeft naar uw One Stop Solution Partner in EMS Supply Chain, inclusief PCB-ontwerp, PCB-fabricage- en PCB-assemblage (PCBA). We bieden enkele van de meest geavanceerde PCB-technologie, waaronder HDI-PCB's, Multilayer PCB's, stijve-flexibele PCB's, . We kunnen ondersteunen bij Quick Turn-prototype tot middelgrote en massaproductie.

In het algemeen zijn onze wereldwijde klanten erg onder de indruk van onze diensten: snelle reactie, concurrerende prijs en kwaliteitsverbintenis. Providen waardevollerte technische service en algemene oplossing is de manier waarop u naar voren leidt.

O-toonaangevend op de toekomst zal zich concentreren op de innovatie en ontwikkeling van elektronica-productietechnologie zoals altijd, en persistente inspanningen leveren op PCB & PCBA one-stop-service om eersteklas diensten te bieden en meer waarde voor onze klanten te creëren. [PCB-assemblage fabrikant China](#)

Productomschrijving

snelle details

PCB P / N	CD539
Laagtelling	2L
Materiaal	FR-4 TG130
Bord thk	0.8mm
koper thk	2 / 2oz
Kleinste gatsgrootte	0,5 mm
Aantal gaten (pc's)	477
lijn w / s	12 / 12MIL
Impedantiecontrole. Y / n (tol%)	N
Oppervlakte-afwerkingG	Hasl-lf
Soldermasker zeefdruk	Wit / n / a
Enkele bordmaat	DIM X (mm): 301; DIM Y (MM): 75.8
Panelen	DIM X (mm): 320; Dim y (mm): 240; nr. UPS: 3
Special: Peelable Mask	N
Routing / ponsen	CNC

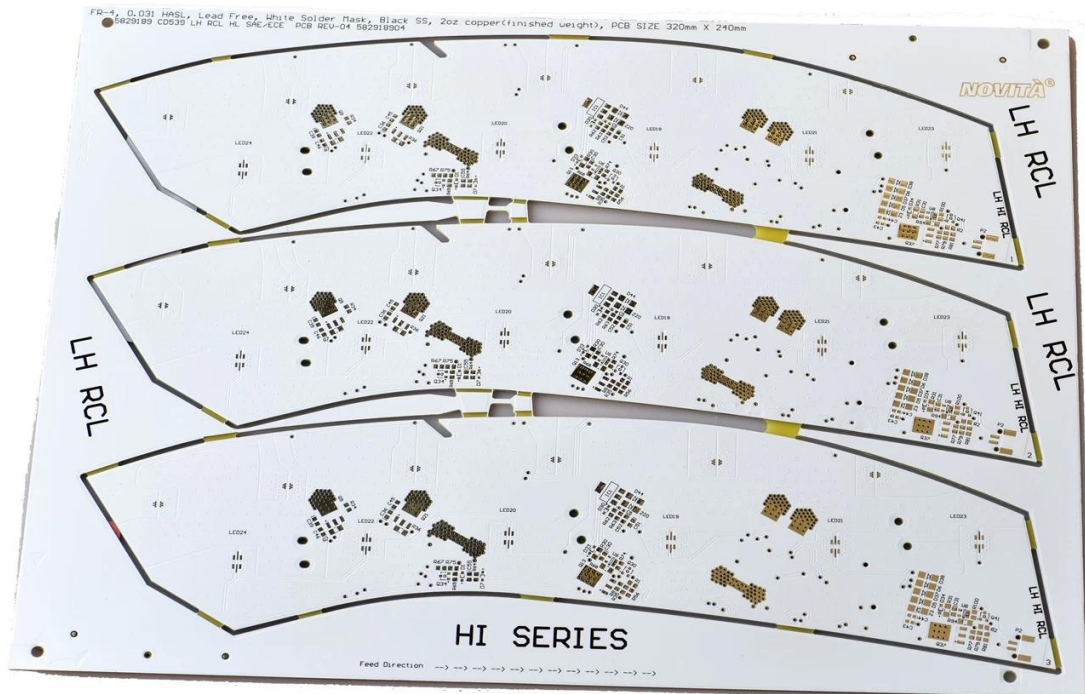
Productie mogelijkheden

16 jaar Professional OEM PCB Board Manufacture ([PCB-indeling fabrikant China](#))

item	2014		2015 ~ 2016		2017 ~ 2018	
	Volume	Steekproef	Volume	Steekproef	Volume	Steekproef
Laagtelling	32	42	38	44	42	48
Min lijn / ruimte (µm)	50/50	40/45	40/45	40/40	35/40	35/35
Min boorgatdiameter (mm)	0,15	0,10	0,15	0,10	0,15	0,10

Beeldverhouding van PTH	14: 1	16: 1	16: 1	18: 1	18: 1	20: 1
N + c + n	4 + C + 4	5 + C + 5	5 + C + 5	6 + C + 6	5 + C + 5	6 + C + 6
Elke laagonderzoek	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
Plaatvulling via	JA	-	JA	-	JA	-
Min. Kerndikte (exclusief koper) (µm)	50	40	40	30	40	30
Min. Laserboordiameter (µm)	75	65	65	50	50	40
Via op begraven gat / gestapeld via	JA	-	JA	-	JA	-
Materiaal	FR4, MEGTRON, NELCO, ROGERS, zwaar koper, enz.					
Ingebouwde condensator PCB	JA	-	JA	-	JA	-
Oppervlakteproces	Loodvrij Hasl, Enig, OSP, Immersion Silver, Immersion Tin, Flash Gold, Gold Finger Plating, Selective Hard Gold Plating, Peelable Solder Mask, Carbon Ink					

O-LEADING
To Be Reliable, To Be Valuable



www.o-leading.com

Ons team



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



Certificeringen

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
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 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 certification registration number shown in this certificate does not include those product/service ranges which shall be examined by the relevant effective administrative authorities and qualification permission required by the state. The effectiveness of this certificate shall be subject to annual surveillance audits of CICC. The certificate shall be valid when used together with the certificate audit certificate.
The initial information of this certificate can be searched on the internet of CICC. See also the link on the left side of homepage 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

初次发证日期: 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

第一次监审	第二次监审	贴标处
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本证书认证范围不包括未获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



Member of the SGS Group (SGS SA)



Test Report

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

Test Results :

Test Part Description :

Table with columns: Specimen No., SGS Sample ID, Description. Row: 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.

Table with columns: Test Item(s), Limit, Unit, MDL, %??. Rows list various substances like Cadmium, Lead, Mercury, Hexavalent Chromium, Sum of PBBs, etc.



Member of the SGS Group (SGS SA)



ZPMV2.E490354 - WIRING, PRINTED - COMPONENT

Wiring, Printed - Component

See General Information for Wiring, Printed - Component

O-LEADING SUPPLY CHAIN (HK) CO LTD

E490354

ROOM 1205, 12/F
TAI SANG BANK BLDG
130-132 DES VOEUS ROAD
CENTRAL, HONG KONG

Type	Cond Width			SS/ DS/ DSO	Max	Max		Meets UL796	C T	
	Min	Cond	Area		Solder	Oper	Flame			
	mm(in)	Edge Thk	Diam		Limits	Temp				Class
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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Verpakking en levering

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

Procescapaciteit

PCB-productiemogelijkheden

Laagcellen: 1Layer-32Layer

Afgewerkte koperdikte: 1 / 3OZ-12OZ

MIN-lijn breedte / afstand Intern: 3.0MIL / 3.0MIL

MIN-lijn breedte / afstand extern: 4.0MIL / 4.0MIL

MAX AFFECT RATIO: 10: 1

Raadsdikte: 0,2 mm-5.0mm

MAX PANEL MAAT (INCHES): 635 * 1500 mm

Minimum geboorde gat Maat: 4mil

Gepolde gatolerantie: +/- 3MIL

Biind / Buried Vias (All-typen): Ja

Via vulling (geleidende, niet-geleidende): Ja

Basismateriaal: FR-4, FR-4HOG TG.HALOGEN GRATIS MATERIAAL, ROGERS, Aluminium basis, Polyimide, Zwaar koper

Oppervlakafwerkingen: HASL, OSP, ENIG, HAL-LF, LMMERING zilver, LMMERING TIN, GOUDVINGERS, Koolstofinkt

SMT-productiemogelijkheden

PCB-materiaal: FR-4, CEM-1, CEM-3, Aluminium-gebaseerd bord

MAX PCB Maat: 510x460mm

Min PCB Maat: 50x50mm

PCB-dikte: 0,5 mm-4,5 mm

Raadsdikte: 0,5-4 mm

Min componenten Grootte: 0201

Standaard chipmaat Component: 0603 en groter

Component Max Hoogte: 15 mm

Min Lood Pitch: 0.3mm

Min BGA Ball Pitch: 0.4mm

Plaatsing Precisie: +/- 0,03 mm