

# Tervetuloa O-johtaviin

O-johtava pyrkii olemaan yhden luukun ratkaisu kumppani EMS-toimitusketjussa, mukaan lukien PCB-suunnittelu, PCB-valmistus ja PCB-kokoonpano (PCBA). Tarjoamme joitakin kehittyneimmistä PCB-tekniikoista, mukaan lukien HDI PCB: t, monikerroksiset PCB: t, jäykät joustavat PCB: t. Voimme tukea nopeasti vuoroprototyypin keskipitkän ja massatuotantoon. [Kaksinkertainen PCB-valmistaja Kiina](#)

Yleensä maailmanlaajuiset asiakkaamme ovat erittäin vaikuttuneita palveluistamme: nopea vastaus, kilpailukykyinen hinta ja laatu sitoutuminen [Painettu piirilevy Kiinassa](#)

Tulevaisuuden näköinen O-johtava keskittyy elektroniikan valmistusteknologian innovointiin ja kehittämiseen, ja tekee pysyviä ponnisteluja PCB & PCBA: n yhden luukun palveluun ensiluokkaisten palveluiden ja CRE: n tarjoamiseksi enemmän arvoa asiakkaillemme.

Napsauta näitä lisätietoja: [Painettu piirilevy yritys](#)

## Tuotteen Kuvaus

### Pikatiedot

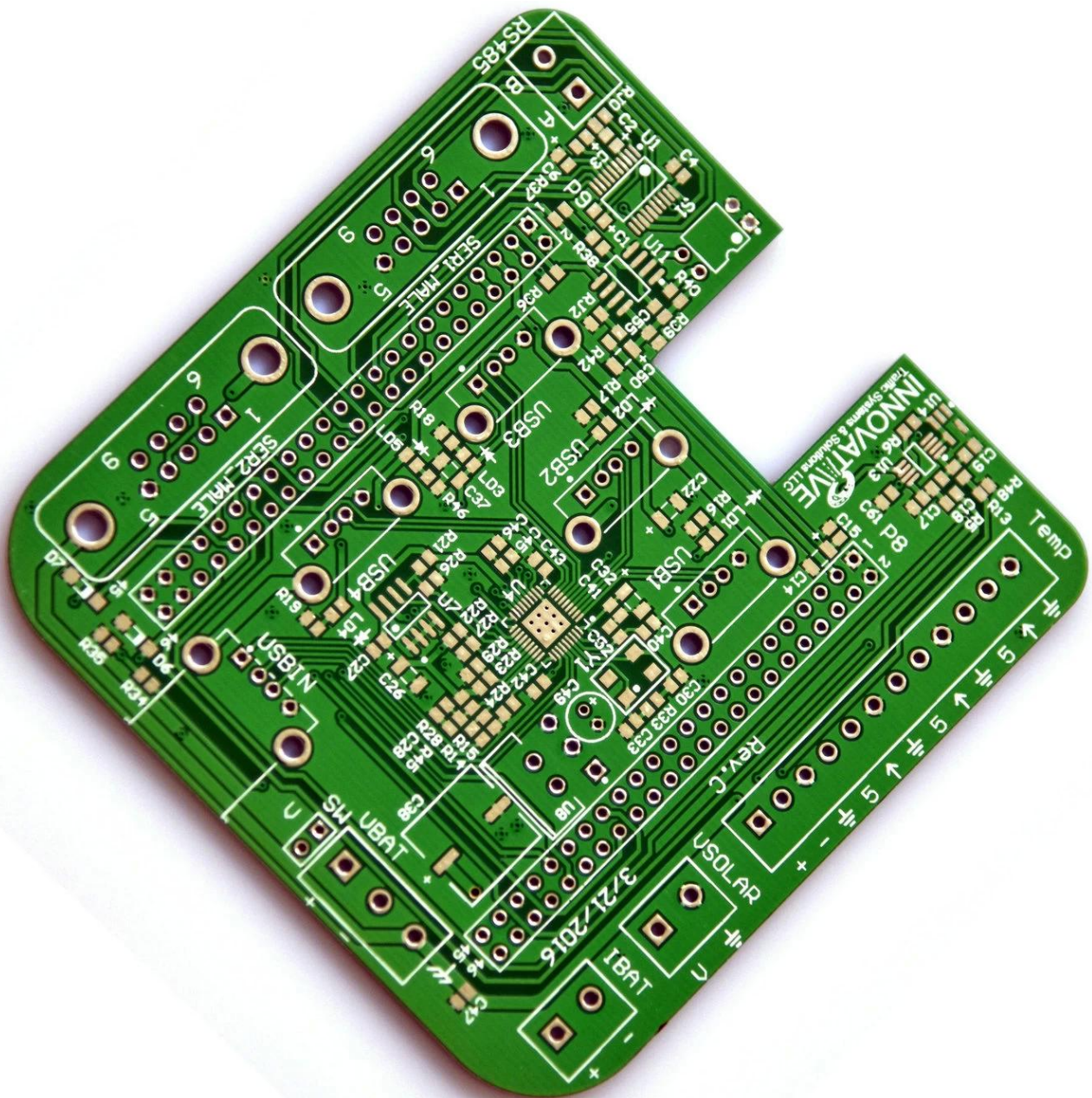
Lähtöisin	Guang Dong, Kiina (Manner)	Tuotenimi	O-johtava
Pohjamateriaalia	FR-4, alumiini	Kuparipaksuus	0.5oz-5oz
Min. Reiän koko	0,2 mm	Min. Viivan leveys	0,2 mm
Pinnan viimeistely	Upotus kulta, OSP, Lead Free Hasl	Paksuus	0,1-5mm
sovellettava	LED, matkapuhelin, ilmastointilaitteet, pesukoneet	merkki	Teollisuuden ohjaus PCB
sertifikaatit	ISO9001, UL, ROHS, SGS	Q / CTN	10PCS-100PCS
paino	0,01 kg -5kg	Moq	10 kpl
Mallinumero	Power Bank PCB: n kokoonpano PCBA-valmistaja	hinta	\$ 0.1 - 10 dollaria
väri-	Sininen, punainen, vihreä, musta.Yellow	Min. Riviväli	0,2 mm
Desiule tyyppi	Asiakkaan vaatimus	koko	0,01m3-10m3

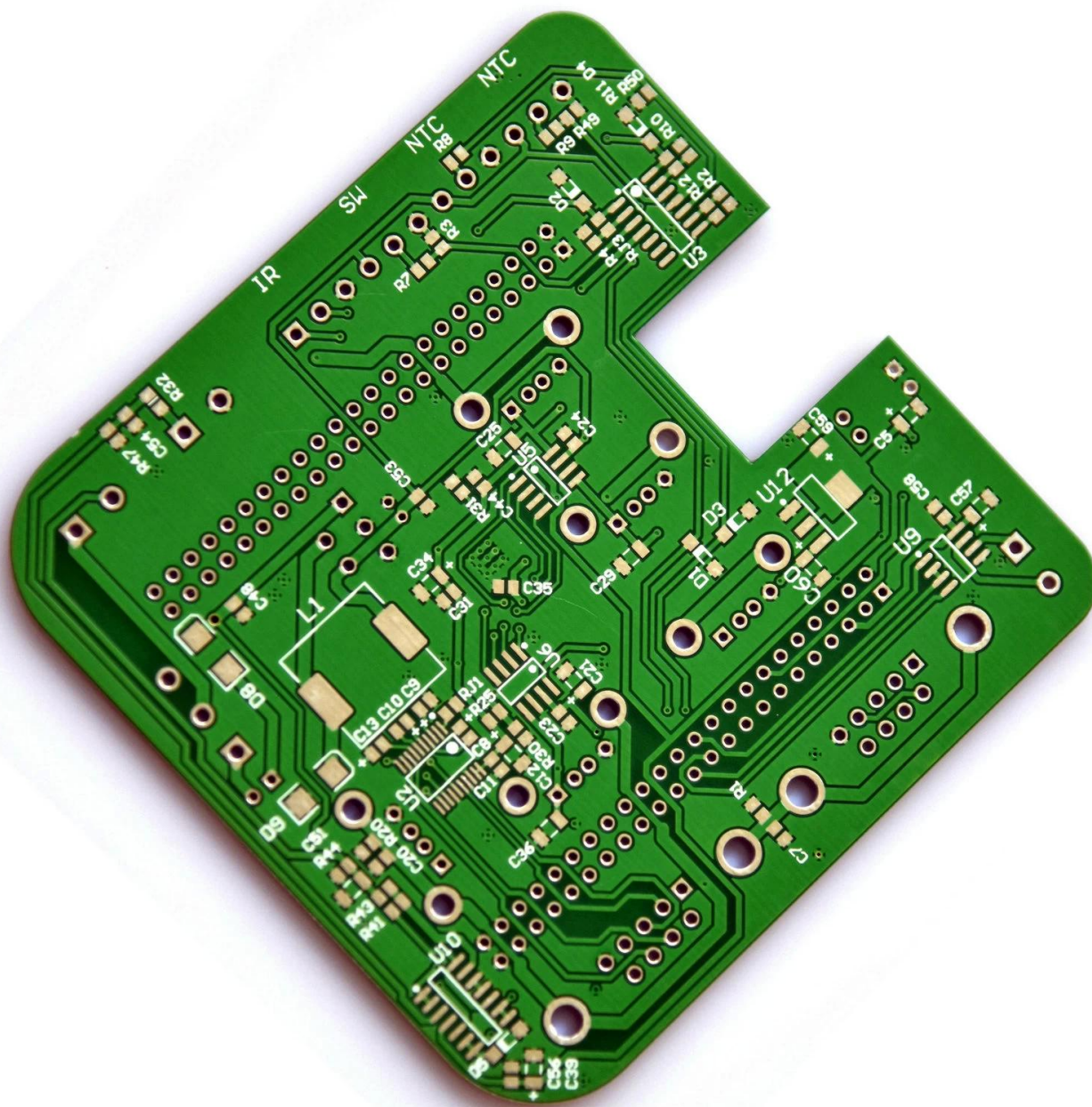
### Tuotteen Kuvaus

#### 16 vuotta ammatillinen OEM PCB-kortin valmistus

tuote	2014		2015 ~ 2016		2017 ~ 2018	
	Määrä	Näyte	Määrä	Näyte	Määrä	Näyte
Kerroslaskenta	32	42	38	44	42	48
Min Line / Space (µm)	50/50	40/45	40/45	40/40	35/40	35/35
Min porausreikä Halkaisija (mm)	0,15	0,10	0,15	0,10	0,15	0,10
Kuvasuhde 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
Kaikki kerroksen yhteenliittäminen	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6	5 + 2 + 5	6 + 2 + 6
Levyn täyttö	J00	-	J00	-	J00	-
Min. Core-paksuus (sulje kupari) (µm)	50	40	40	30	40	30

Min. Laserporaushalkaisija ( $\mu\text{m}$ )	75	65	65	50	50	40
Kautta haudattu reikä / pinottu kautta	J00	-	J00	-	J00	-
Materiaali	FR4, Megtron, Nelco, Rogers, Raskas kupari jne.					
Sulautettu kondensaattori PCB	J00	-	J00	-	J00	-
Pintaprosessi	Lyijytön HASL, ENIG, OSP, upotus hopea, upotus tina, Flash kulta, kulta sormi, valikoiva kova kultapinnoitus, Peelable juotosmaski, hiili muste					





Tiimimme



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Factory PCB

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Automatic vacuum press machine



Drilling Machine



Pattern Plating Machine



Scrubbing Machine



Developing Machine



Routing Machine



High-speed flying probe machine



E-test Machine

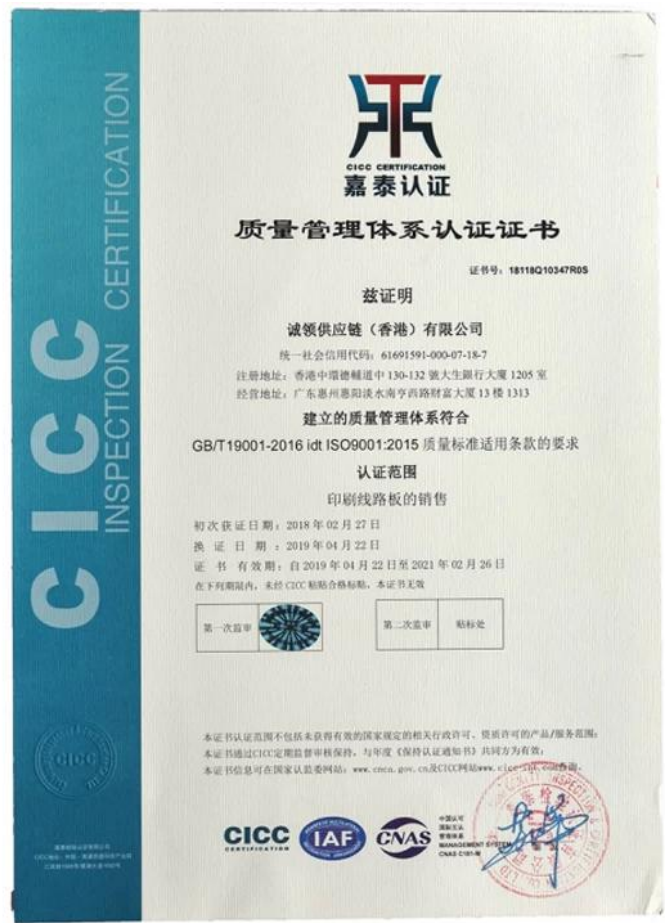
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Factory SMT

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# Sertifikaatit





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

<b>O-LEADING-S02</b>	0.2 (0.008)	0.2 (0.008)	17 (0.67)	SS	25.4 (1.0)	260	4	130	HB	▲	*	
<b>O-LEADING-S03</b>	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



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

## Prosessin kyky

### PCB-tuotantominaisuudet

Kerroslaskenta: 1Layer-32Layer

Valmis kupari Paksuus: 1 / 3oz-12oz

Min Line Leveys / Sijainti Sisäinen: 3.0mil / 3.0mil

Min Line Leveys / Spacing Ulkoinen: 4.0mil / 4.0mil

Max kuvasuhde: 10: 1

Hallituksen paksuus: 0,2 mm - 5.0mm

Max-paneelin koko (tuumaa): 635 \* 1500mm

Pienin porausreikä Koko: 4mil

Pied Reikien toleranssi: +/- 3mil

BiD / Haudattu Vias (All-tyypit): Kyllä

Täytä (johtava, ei-johtava): Kyllä

Perusmateriaali: FR-4, FR-4HIGH TG.HALogen Free materiaali, Rogers, Aluminium Base,Polyimidi,

Raskas kupari

Pintapäälyste: HASL, OSP, ENIG, Hal-LF, LMMERSION SILVER,LMMERSION TIN, KULJETUKSET, Hiilimen muste

## **SMT Tuotantotoiminnat**

PCB Materiaali: FR-4, CEM-1, CEM-3, alumiinipohjainen levy

Max PCB koko: 510x460mm

Min PCB koko: 50x50mm

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

Hallituksen paksuus: 0,5-4mm

MIN Komponentit Koko: 0201

Standardi sirun kokoinen komponentti: 0603 ja suurempi

Komponentti Max Korkeus: 15mm

Min Lead Pitch: 0,3mm

Min Bga Ball Pitch: 0.4mm

Sijoittelun tarkkuus: +/- 0.03mm