

# O-leading

O-Leading PCB PCB PCB PCB EMS HDIPCB PCB PCB PCB

O

O-leading PCB&PCBA

PCB



H03R0x 3.3V / 1A DC 5-40V DC DC-DC

Hexabitz SMD 3.3V GND

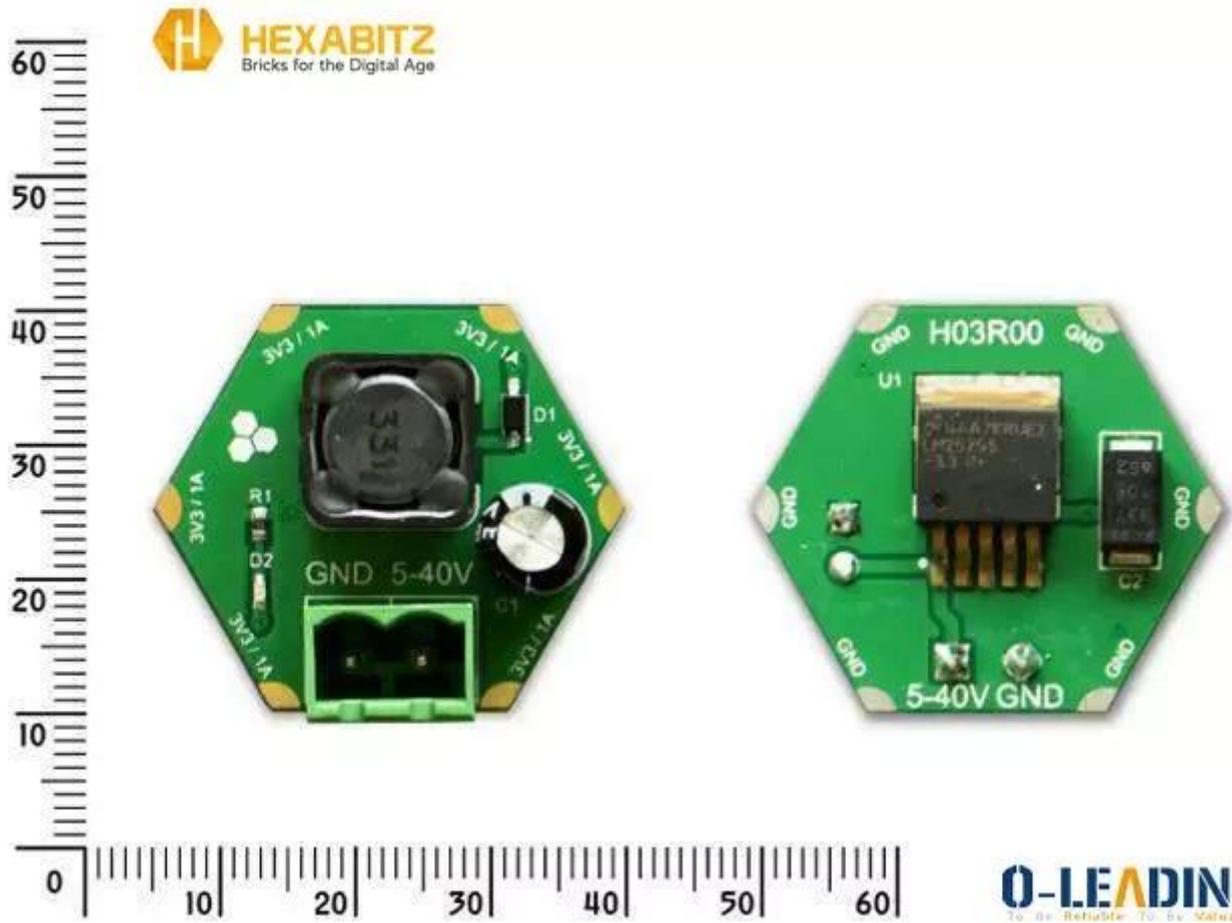
T 5.08mm J DC

DC AC / DC Hexabitz

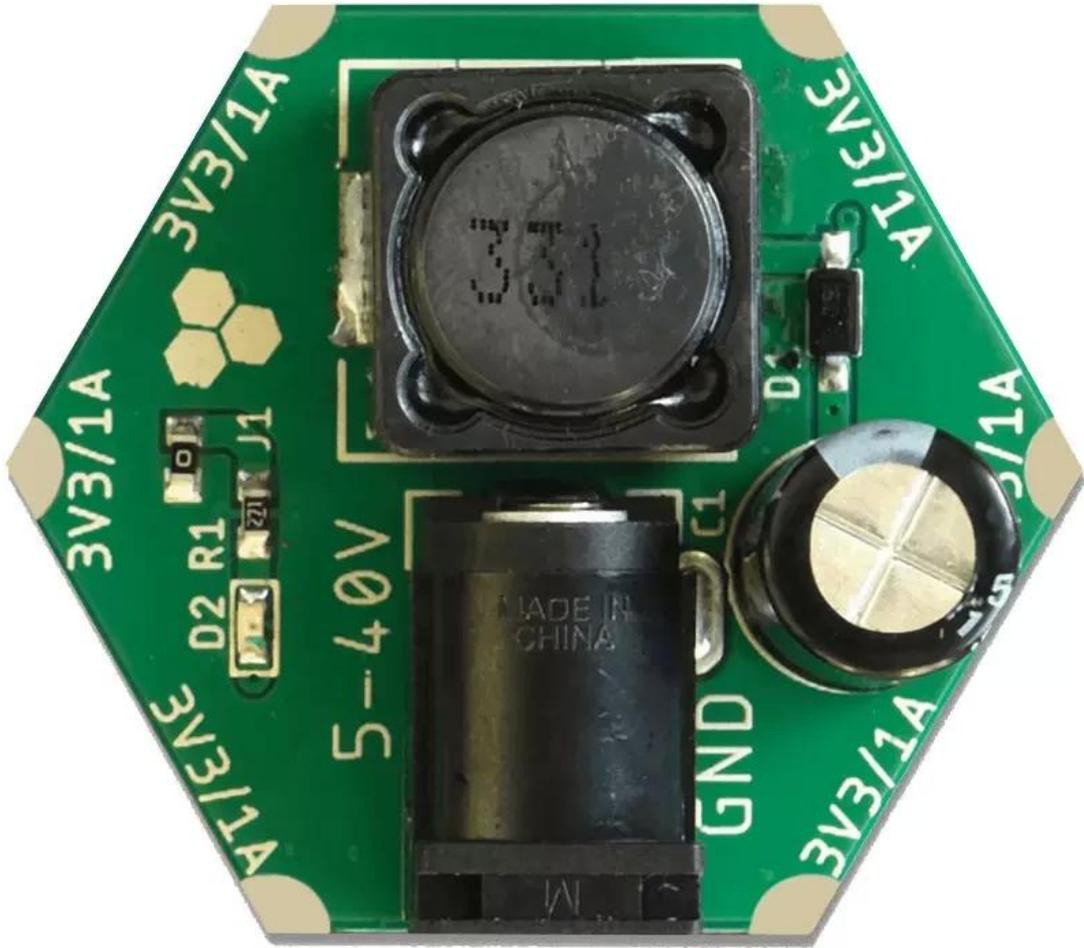


□□□	□□□
□□□□	30 mm□□□□□
□□□	7.8cm ^ 2
□□□	4 g
□□□□□□□□□□	□□□□
□□□□□□	ENIG□□□□□□□□□□HASL-LF□□□□

**dc pcb**













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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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C I C C 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 BOAD 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
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The certification implications are under demand to include those production ranges which fall to be covered by the relevant effective administrative provisions and qualification provisions regulated by the state.  
The effectiveness of this certificate shall be notified by annual re-confirmation audit of CICC the certificate shall be valid when meet together with the surveillance audit conclusion.  
The initial information of this certificate can be searched at the portal of CICC [www.cicc.com.cn](http://www.cicc.com.cn) by the click of mouse see color for more.






C I C C 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平西路财富大厦 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

第一次复审	第二次复审	粘标处
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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](http://www.cnca.gov.cn)及CICC网站[www.cicc.com.cn](http://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.



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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 mic(mil)	SS/ DS/ DSO	Max	Max		Meets	C		
	Min	Edge			Area	Solder	Oper			Flame	
	mm(in)	mm(in)			Diam mm(in)	Limits C	Temp sec	Class C	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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<b>PCB</b>	
Layer	1Layer-32Layer
Weight	1 / 3oz-12oz
Prepreg	3.0mil / 3.0mil
Core	4.0mil / 4.0mil
Thickness	10±1
Drill	0.2mm±5.0mm
Panel Size	635 * 1500mm
Plating	4mil
Plated	+/- 3mil
Blind / Buried Vias	All
Via Fill	
Material	FR-4 FR-4high Tg
Surface Finish	HASL OSP ENIG HAL-LF

### SMT

PCB	FR-4 CEM-1 CEM-3
PCB Size	510x460mm
PCB Size	50x50mm
PCB Thickness	0.5mm±4.5mm
Drill	0.5±4mm
Drill	0201
Drill	0603
Drill	15mm
Drill	0.3mm
BGA	0.4mm
Drill	+/- 0.03mm



# 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



**1. O**

- 1.1
- 1.2
- 1.3
- 1.4
- 1.5

**2. O-Leading**

10 2 3 4 RMB 31

O-Leading

**3. O-Leading**

FR4 TG / PI

**4. PCB及PCBA**

- 4.1 BOM
- 4.2 PCB
- 4.3 PCB及PCBA
- 4.4
- 4.5

**5. PCB**

→ → → AOI → → → PTH → → → → → AOI → → → → E / T →

**6. HDI**

VCP LDI LDI

**7. O-**

O- ENIG OSP LF-HASL / OSI ENIG OSP + ENIG HDI BGAPAD 0.3 mm OSP OSP + ENIG

**8. FPC及O-Leading SMT**

O-Leading FPC 1 8 2000mm \* 240mm SMT

**9. PCB**

- ;
- ;
- ;
- ;
- PCB;
- ;
- ;

**10. PCB及PWB及FPC**

PCB PWB Printed Wire Board FPC

**11. PCB**

PCB Tg CTE PCB 50 250°C PCB

**12. O-leading PCB**

O-leading PCB FPC PCB

**13.**

POLAR INSTRUMENTS SI6000 soft CITS 500s

