

## PCB P/N

PCB P/N . . . . .  
 MCPCB. . . . . - S / S . . . . . 96-48 . . . . . 8-4 . . . . . 24 . . . . .  
 ( . . . . . )

025. . . . . 020 . . . . .

25 . . . . .

: . . . . .

## PCB P/N

PCB P / N	PCB P/N S1550 TG 150
PCB P/N	2L
PCB P/N	FR-4 TG150
PCB P/N thk	1.60mm
PCB P/N	1 / 1OZ
PCB P/N	0.50mm
PCB P/N ( . . . . . )	29
PCB P/N / . . . . .	10 / 8mil
PCB P/N . . . . . Y / N ( . . . . . )	N
PCB P/N . . . . .	ENIG Au: 0.05-0.10UM
PCB P/N . . . . .	PCB P/N / N / A
PCB P/N . . . . .	PCB P/N 21.5 : ( . . . . . ) . . . . . y (60.3 : ( . . . . . )
Panelisation	Dim X (mm): 108 Dim Y (mm): 138.1 No of UPS: 8
PCB P/N . . . . . : . . . . .	N
PCB P/N / . . . . .	CNC

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**QUALITY MANAGEMENT SYSTEM CERTIFICATE**

Certificate No: 16118Q10347R05

We hereby certify that

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

Credit No: 61691591-000-07-17-2

Registration Add: ROOM 603D 6/F HANG PONG COMMERCIAL BUILDING, 31 TONKIN ST. CHEUNG SHA WAN, KL, HK

Business Add: 1313 Floor 13 Fortune Building, Danstui 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  
This certificate is valid during: February 27, 2018 -- February 26, 2021  
This certificate is invalid without CICC qualified label in the following period

First supervision and audit	Qualified mark	Second supervision and audit	Qualified mark
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The certification registration scope shall include those production services scopes which fail to be covered by the relevant effective administrative permits and qualification permits required by the state. The effectiveness of this certificate shall be realized by annual surveillance audit of CICC. The certificate shall be valid when used together with the surveillance audit conclusion. The related information of this certification can be searched at the public website of [www.cicc.com.cn](http://www.cicc.com.cn).

201726      ZPMV2.E490354 - Wiring, Printed - Component

**UL ONLINE CERTIFICATIONS DIRECTORY**

ZPMV2.E490354  
Wiring, Printed - Component

For enhanced search functionality, please visit [UL.com/FindofDatabases](http://UL.com/FindofDatabases). Click on a product designation for complete information.

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**SGS**

**Test Report**      No. CAVEC1805164701      Date: 03 Apr 2018      Page 2 of 8

Test Results:

Test Part Description:

**Wiring, Printed - Component**

See General Information for Wiring, Printed - Components

**O-LEADING SUPPLY CHAIN CO LIMITED**      E490354  
Fortune Building, Nanheng West Road  
Room 1313  
Huizhou, Guangdong 516211, CHINA

Type	Cond Width			SS/ DS/ Diam	Area	Solder Limits	Dper	Temp	Flame	Meets	C
	Min	Min Edge	Cond								
Hub/Bayer (mass laminate) printed wiring boards.											
<b>O-LEADING-401</b>	0.2 (0.004)	0.3 (0.012)	34 (1.34)	D6	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)	D5	9.2 (0.4)	260	10	170	V-0	NI	-
Hub/Bayer printed wiring boards.											
<b>O-LEADING-408</b>	0.125 (0.005)	0.125 (0.005)	12 (0.47) (1:1.35)	D6	50.8 (2.0)	280	20	130	V-0	NI	*
Single layer printed wiring boards.											
<b>O-LEADING-002</b>	0.76 (0.015)	1.14 (0.045)	34 (1.34)	SS	19.1 (0.8)	260	10	105	V-0	NI	-
<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	NI	-
<b>O-LEADING-205</b>	0.1 (0.004)	0.3 (0.012)	34 (1.34)	D6	69.6 (2.7)	260	10	130	V-0	NI	-
<b>O-LEADING-206</b>	0.15 (0.006)	0.33 (0.013)	17 (0.67)	D5	69.6 (2.7)	260	10	130	V-0	NI	-

\* - 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.  
Last updated on 2017-01-27

Specimen No.      **SGS Sample ID**      Description

SN1      CAN18-051647.001      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 62321-4:2014+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	Det
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	9
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	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

Member of the SGS Group (SGL)





FR4 板子用の材料は TG 板子用の材料と異なり、Arlon や Telfon / 樹脂系板子用材料は PI を用いる。

4. 板子用材料の検査は、板子用材料の検査と異なり、Gerber 274-X、Cam350、CAD、Protel 99se、PADS、DXP、Eagle。

5. 板子用材料の検査は、板子用材料の検査と異なり、AOI、PTH、E/T、