

昆山晉益電子有限公司

KUN SHAN JINYI ELECTRONICS CO.,LTD

公司簡介

Company Profile

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公司概況

Profile

- I. 公司成立 Established: Nov. 24, 2004
- II. 投料生產日期 Scheduled M/P Date: Mar. 01, 2014
- III. 總經理 G.M.: 黃勝 Mr.Andrew Huang
- IV. 廠房面積 Floor Space: 1,000 m²
- v. 工廠住址: 江蘇省昆山市玉山镇汉浦路858號
No. 858, hanpu road, yushan
town,kunshan city, jiangsu province

Cooperation company

Direct Customers 直接客戶

- Quanta Computer Incorporated 廣達
- Inventec Appliances Corporation 英華達
- IRON FORCE INDUSTRIAL CO., LTD. 劍力
- Hongxi Electric Motor(Kunshan) CO., LTD. 宏昕
- MITAC Computer Corporation 神達
- YESION Industry 宜鑫
- Nanjing BOYE ELECTRON CO., LTD. 博珩
- Shrek Electron(Kunshan) CO., LTD. 史瑞克
- Kunshan Heisei Electronics Co., Ltd 達鑫
- Foxconn Precision Manufacturing 富士康
- Luxshare-ICT 立訊
- Emerson 艾默生
- SuZhouMedical Center of Barco Visua 巴可伟视



主要供應商

Main Supplier

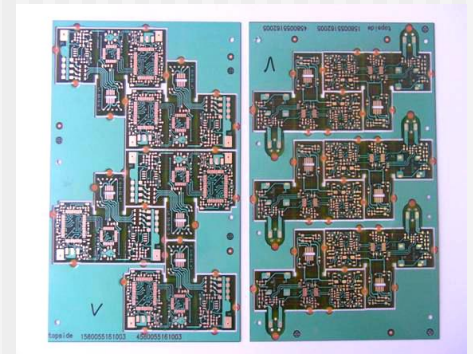
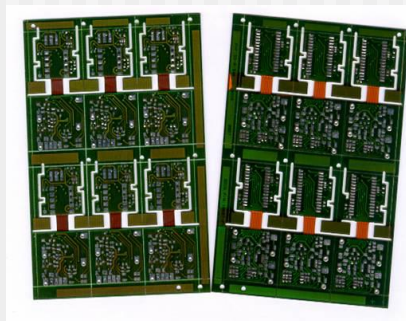
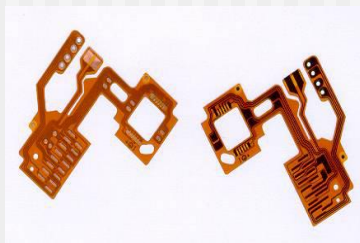
- Panasonic 松下
- Dupont 杜邦
- TaiFlex 臺虹
- ITEQ 聯茂
- SHENGYI 生益
- 3M
- ThinFlex 新揚
- AEM 亞洲電材(雅森)
- UBE 宇部興產



產品類型

Product Range

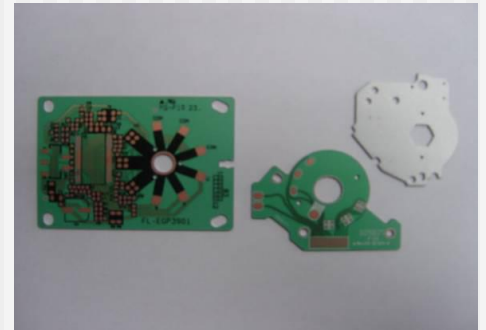
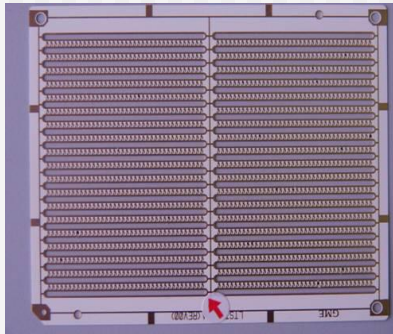
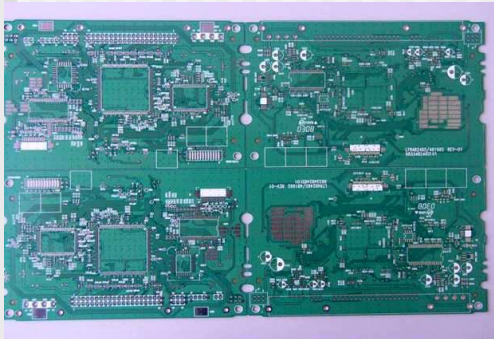
- 軟板 **F.P.C.B.**
 - 單面板 **Single Side**
 - 雙面板 **Double Side**
 - 軟硬結合板 **Rigid – Flex Board**



產品類型

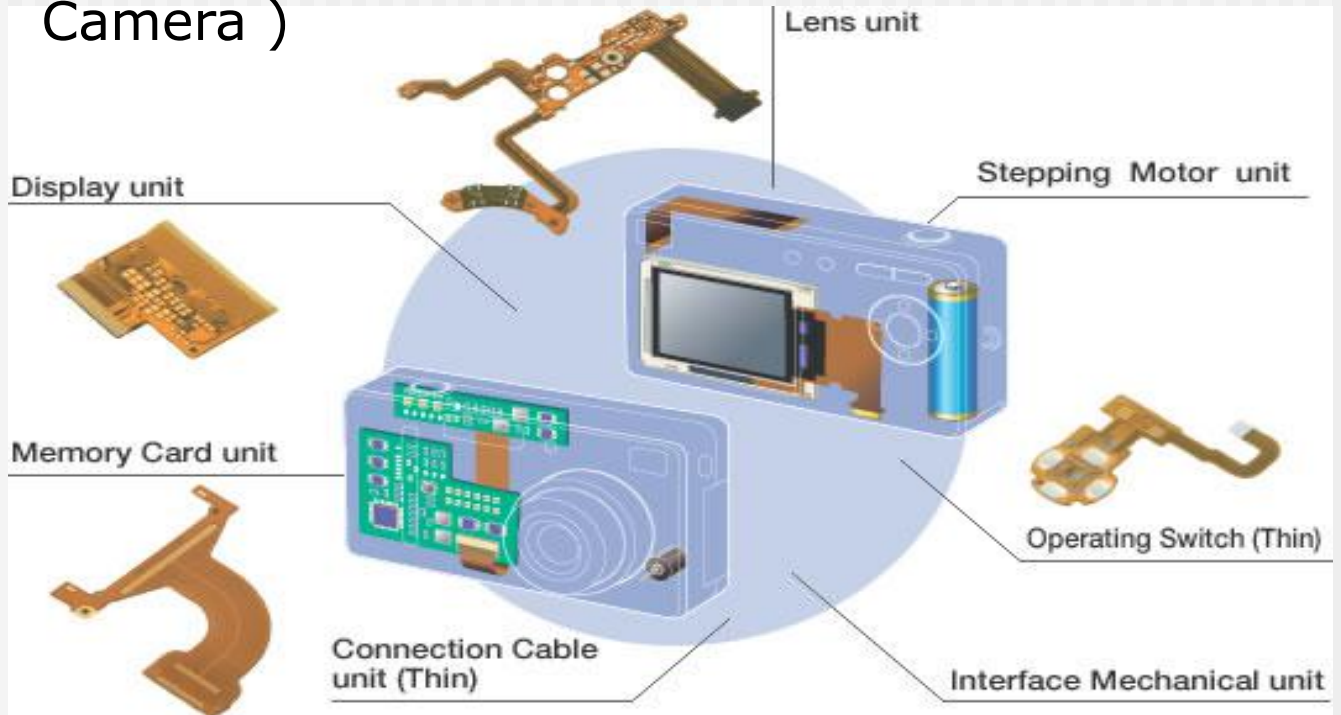
Product Range

- 硬板 **P.C.B.**
 - 雙面板 **D.S.**
 - 多層板 **Multi Layer P.C.B.**
 - 薄板 **Thin P.C.B.**
 - 鋁基板 **Aluminum P.C.B.**



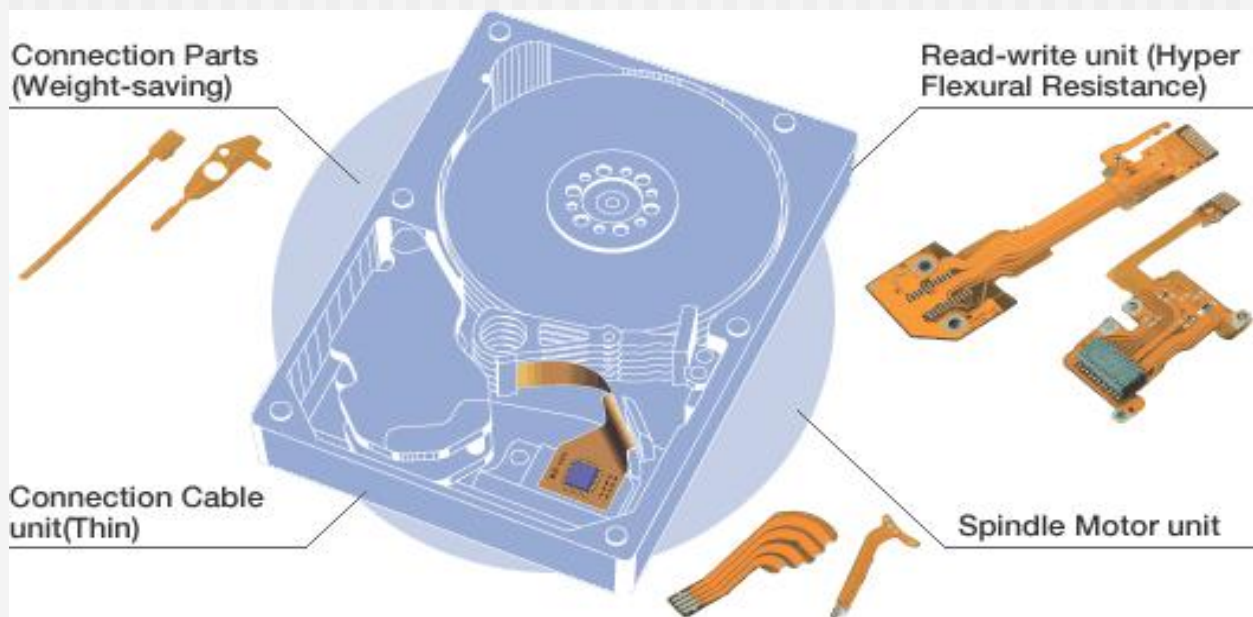
產品應用-軟板 Product Application-FPC

數位相機 D.S.C. (Digital Still Camera)



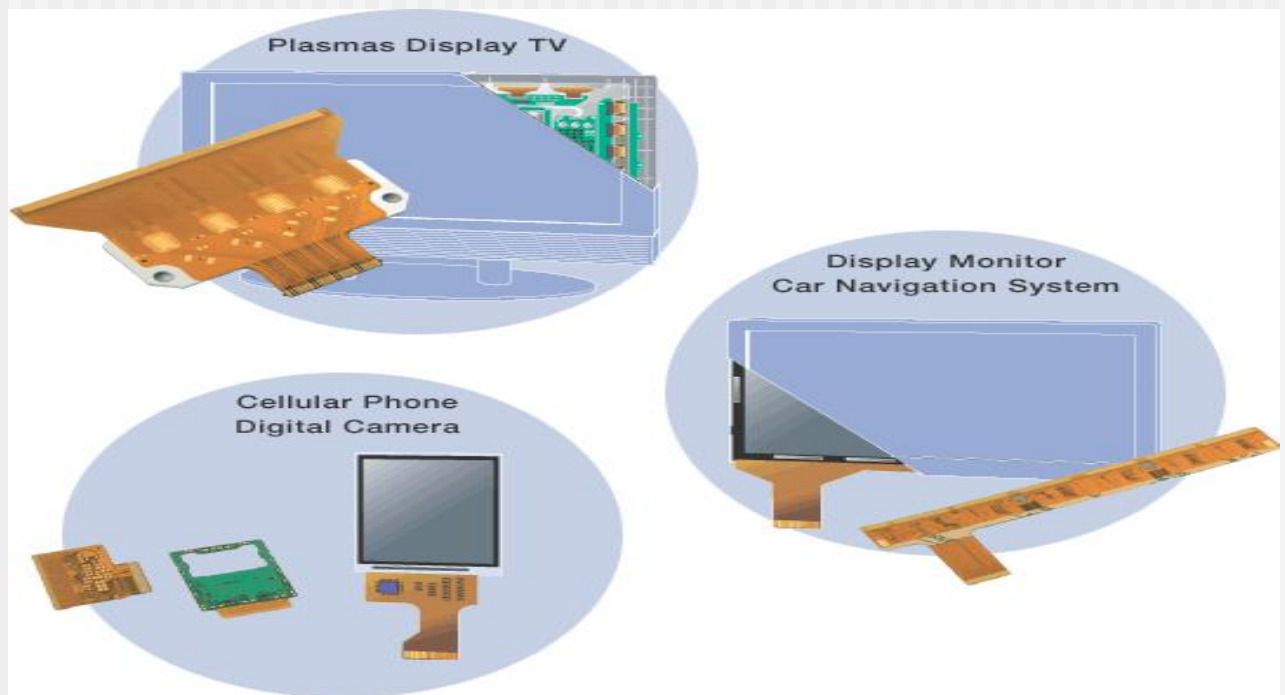
產品應用-軟板 Product Application-FPC

硬碟 H.D.D.(Hard Disk Drive)



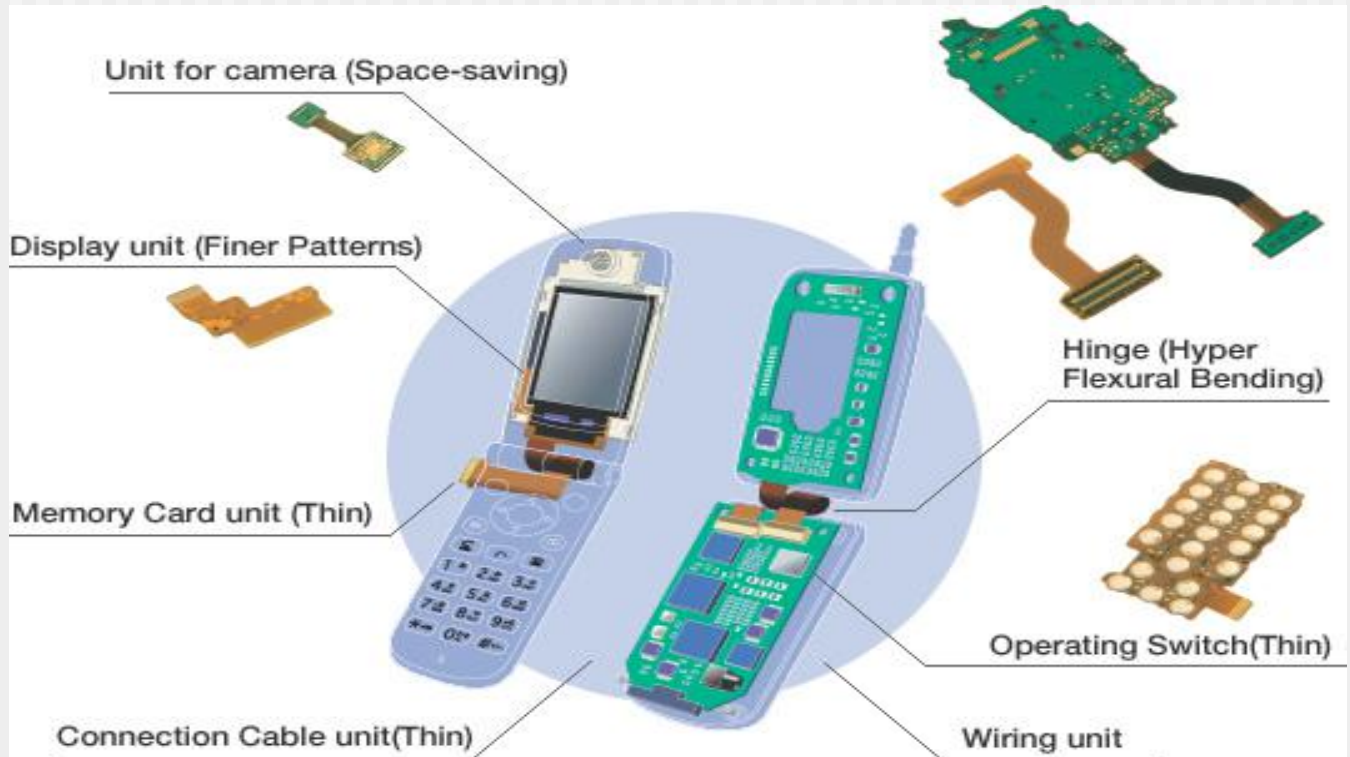
產品應用-軟板 Product Application-FPC

顯示屏幕 Display (PDP, LCD...etc.)



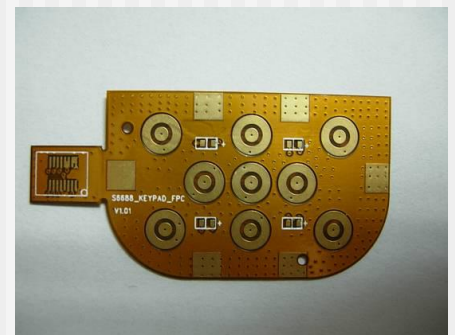
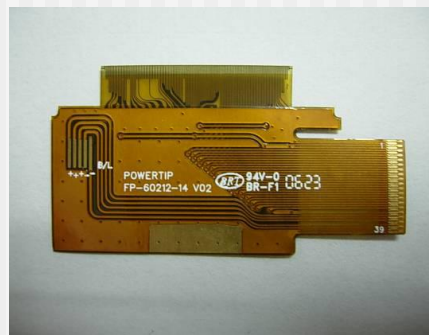
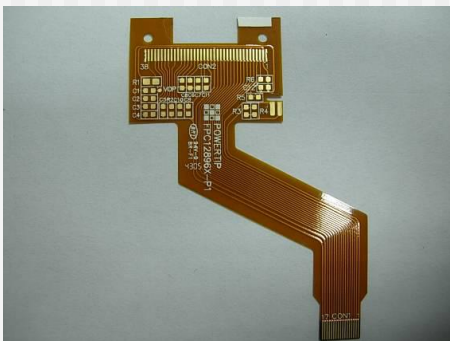
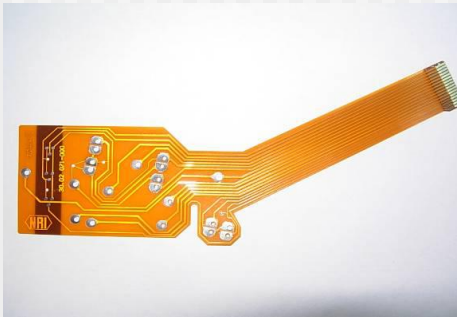
產品應用-軟板 Product Application-FPC

手機 MobilePhone



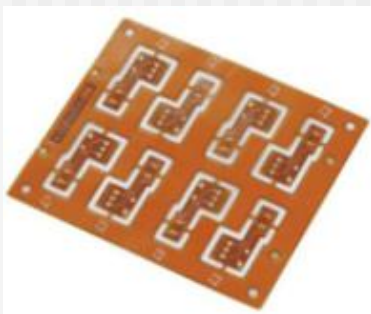
產品應用-軟板 I

Product Application-FPC



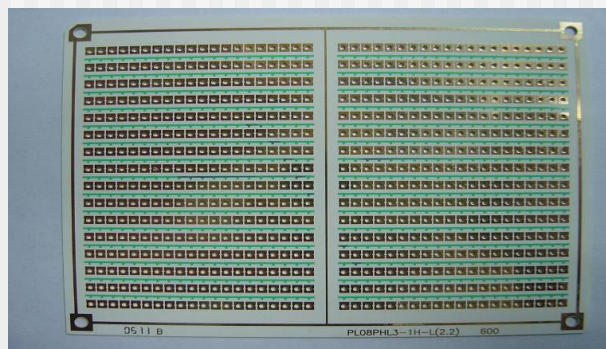
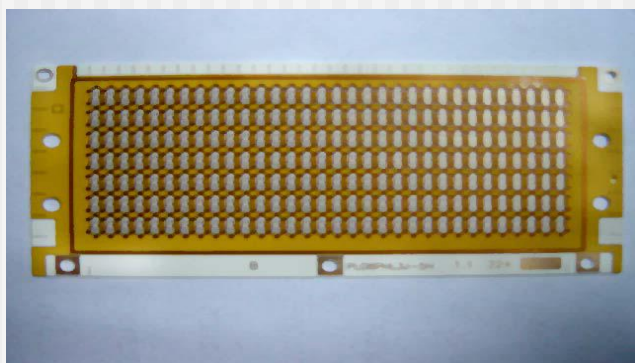
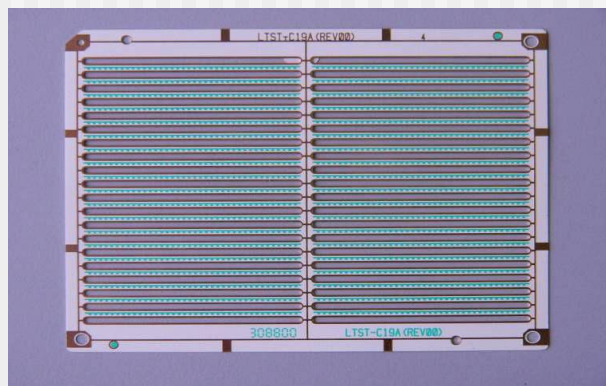
產品應用-軟板 II

Product Application-FPC



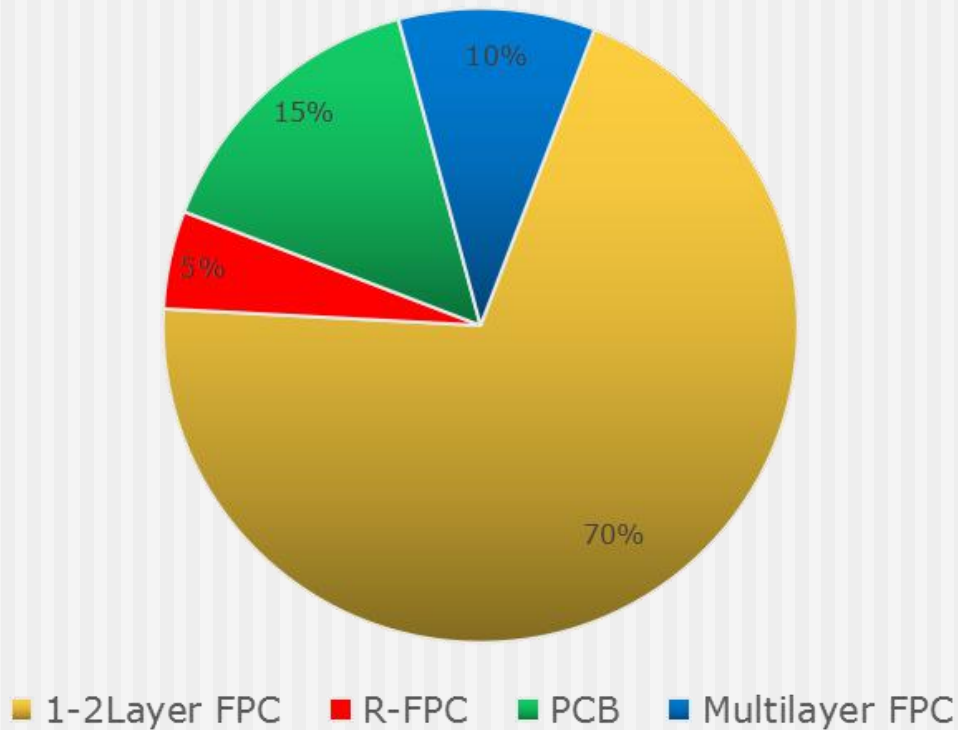
產品應用-BT板

Product Application-BT Resin Board



生產產能 Production Capacity

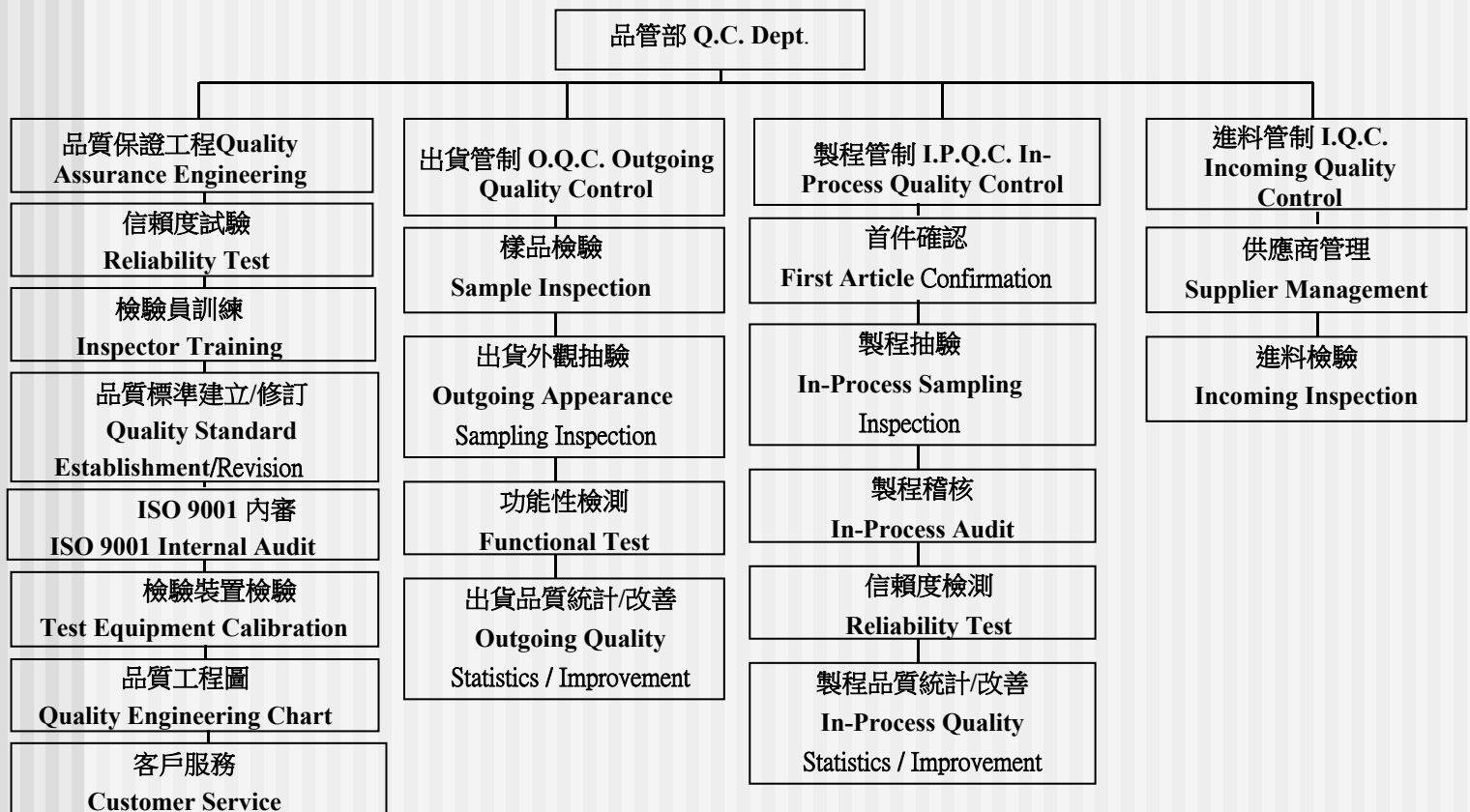
每月產能 Monthly Capacity 30000 Sqm/month



PCBA/FPCA: 800kpcs/month

品質控制系統

Quality Control System



製程能力 - 硬 板

Production Capability - P.C.B.

1	線路板層數 No. of Layer	2, 4, 6
2	最小線徑線距 Min. Trace / Space	3/3mil (0.075mm)
3	最小線徑線距 Min Trace / Space	3/3mil (0.075mm)
4	最小孔徑電鍍前 Min. Hole Size (Before Plating)	10mil (0.25mm)
5	各層通孔對準度 Registration Between Layers Tolerance)	4mil (0.1mm)
6	防焊誤差值 Solder Mask Tolerance	3mil (0.075mm)
7	防焊條 Min. Solder Dam	3mil (0.075mm)
8	成型尺寸精度 Outline Dimension Tolerance	+/- 4mil (0.1mm)
9	最大板尺寸 Max. Panel Size	20``*20`` (500mm*500mm)
10	縱橫比 Aspect Ratio	6:1
11	薄板能力 Min. Thickness Board	0.1mm

製程能力 – 軟 板

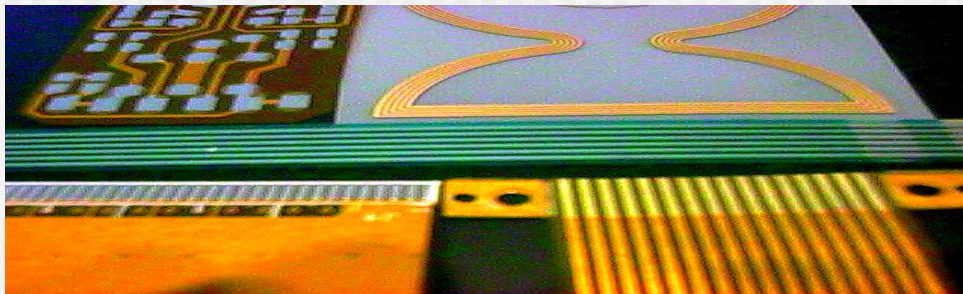
Production Capability – F.P.C.B.

1	線路板層數 No. of Layer	1~6
2	最小線徑線距 Min. Trace / Space	3/3mil (0.075mm)
3	最小孔徑電鍍前 Min. Hole Size (Before Plating)	0.3mm
4	外型尺寸精度 (量產模具) Outline Dimension Tolerance (Hard Tooling)	+/- 4mil (0.1mm)
5	外型尺寸精度 (試作模具) Outline Dimension Tolerance (Soft Tooling)	+/- 10mil (0.25mm)
6	保護膠片貼合公差	+/- 0.3mm
7	補強膠片貼合公差	+/- 0.5mm

表面處理

Surface Treatment

- 電解金電鍍 Electrolytic Gold Plating
- 化學金電鍍 Immersion Gold
- 純錫電鍍 Sn Plating
- 錫鉛電鍍 Sn/Pb Plating
- 噴錫 H.A.L.
- 表面助焊保護劑 Entek Cu106



生產設備 I.

Major Production Equipment

No.	設備名稱	Name of Equipment	目前數量 Current Q'ty
1	電腦鑽孔機	CNC Drilling Machine	1
2	通孔線	Through-Hole Plating Line	1
3	VCP無框架垂直電鍍線	Vertical Continuous Plating Line	1
4	自動壓膜割膜機	Automatic Dry Film Laminating Machine	1
5	除膠渣自動線	Automatic Desmear Line	1
6	自動打靶鑽孔機	Auto Drilling Machine	2
7	光繪機	Laser Plotter	1
8	底片修飾機	Micro Modify Machine	1
9	壓膜機	D/F Laminating Machine	1
10	曝光機	Exposurer	1
11	鐳射成影曝光機	LDI	1
12	鐳射切割機	Laser Cutting Machine	1

生產設備 II.

Major Production Equipment

No.	設備名稱	Name of Equipment	目前數量 Current Q'ty
11	火山灰磨板機	Pumice Scrubbing Machine	1
12	短/斷路測試機	Open / Short Tester	4
13	高壓清洗機	Hi-Pressure Rinsing Machine	1
14	板翹返直機	Flatten Machine	1
15	微切片設備	Micro-Section Machine	1
16	撈邊成型機	CNC Router	2
17	冷熱循環機	Thermal Cycle Tester	1
18	顯影蝕刻退膜線	DES Machine	1
19	沖床	Press Machine	10
20	切割機	V-Cut Machine	2
21	真空包裝機	Vacuum Packaging Machine	1
22	自動印刷機	Auto Printing Machine	5

生產設備 III.

Major Production Equipment

LDI-E25/IN-LINE LDI-E25 直接成像系統



UVSMT-340A UV激光切割成型機



生產設備 V. Major Production Equipment



生產設備 IV.

Major Production Equipment



CYE—25A(自动压膜机)



測試設備 I.

Major Testing Instrument I.

No.	儀器名稱	Name of Instrument	目前數量 Current Q'ty
1	顯微鏡	Microscope	26
2	金相切片機	Micro-section	1
3	顯微鏡 (50倍)	50X Microscope	7
4	分光計	Spectro-photo Meter	1
5	全自動短/斷路測試機	Automatic open / short Tester	2
6	張力計	Tension Meter	2
7	膜厚計	Film Thickness Meter	6
8	粘度計	Viscometer	3
9	微歐姆表	Micro Ohm Meter	2
10	電子秤天平	Electronic Scale / Balance	2
11	直流電子負載測試儀	Programmable DC Electronic Load	1

SMT生產線.

SMT生產流程與主要設備



GKG G5 Printer



JUKI RS-1 Pick and Placer



Yamaha YS12F Pick and Placer



N2 Solder Reflow Oven



JT AOI