



扬州依利安达电子有限公司  
YangZhou Evertek Electronic Co.,Ltd.



# 企业文化

## Enterprise culture

### 关心

Concern

以客为先，了解内部和外部客户的需求，尽力满足及超越他们的期望，共同建立长期的伙伴关系，制造【双赢】的效果。

Customer first, understand the internal and external customer needs, try to meet and exceed their expectations, jointly establish a long-term partnership, making a win-win result.

### 齐心

With one mind

摒除个人私念，强调及展现团队合作原则，积极参与团队工作。

From personal selfishness, emphasis and show the team cooperation principle, actively participate in the work of the team.

### 决心

Decision

努力尽力做好每项工作，主动承担新的责任与挑战，全力以赴按时高质量地完成所担负的工作，力求达到最好的预期效果，并对最后的结果承担所有责任。

To try to do well in every work, take the initiative to assume new responsibilities and challenges, go all out to finish the tasks with high quality, and strive to achieve the desired effect is the best, and to take all the responsibility for the final result.



<http://www.kingboard.com>



建滔，为全球最大覆铜面板生产商，全中国最大印刷线路板制造商之一，中国化工产品龙头供应商之一。

建滔化工集团自一九八八年成立第一间生产覆铜面板的工厂。发展至今，分厂超过六十间。集团更于近年成功发展房地产业务，形成更多元化的业务发展组合。

建滔集团于一九九三年在香港交易所上市，并于一九九九年十二月成功分拆其子公司建滔铜箔集团有限公司在新加坡证券交易的上市。作为策略性扩展计划之一，集团于二零零六年十二月，集团成功分拆其覆铜面板业务，建滔积层板于香港联合交易所主板上市。集团与中海油化学于海南岛之合营天然气甲醇项目于二零零六年十二月成功投产。

现今建滔拥有员工约50000人及已挤身于上营业额超过三百亿港元之跨国企业。

Kingboard is the world's number one laminate producer, one of the largest printed circuit board manufacturer in China, and a leading supplier of chemical products in China. Kingboard Chemical Holdings Ltd. ("Kingboard Chemical") established its first laminates manufacturing plant in 1988. Our Group now operates more than 60 manufacturing plants. In recent years, we had successfully built up another business segment ? property developments which further enhance our diversified business portfolio.

In 1993, Kingboard Chemical was listed on The Stock Exchange of Hong Kong Limited. Kingboard Copper Foil Holdings Limited, our Group's subsidiary, was spun off for a separate listing on The Singapore Stock Exchange in December 1999. In November 2004, our Group successfully acquired Elec & Eltek International Holdings Limited, a listed company in Singapore, as part of a strategic expansion plan. In December 2006, our Group successfully spun off its laminate business, Kingboard Laminates for a separate listed company on the main board of The Stock Exchange of Hong Kong Limited. Our Group's natural gas based methanol JV with China BlueChemical in Hainan province commenced production in December 2006.

Now, Kingboard Chemical is a multi-national corporation with a global workforce of about 50,000 and annual sales in excess of HK \$30 billion.





扬州依利安达电子有限公司是全球最大积层板企业香港建滔集团（KB集团）下属依利安达电子有限公司的分公司，坐落于扬州仪征经济技术开发区，2010年5月成立，总投资30亿元人民币，总占地面积775亩，项目分期进行建设（共五期），其中一期投资9980万美元，注册资本4000万美元，占地面积326亩，建筑面积约15.2万平方米，主要生产高密度互连积层板、高精密度多层印刷线路板、新型印刷线路板、新型机电元件及相关产品，年产180万平方米高精密度印刷线路板，项目全部建成投产后将达到年产1000万平方米高精密度印刷线路板。

Yangzhou Etec&Eltek Electronics Co., LTD is the subsidiary of Etec&Eltek Electronics Co., LTD, a part of the largest PCB enterprise in the world—Hongkong Kingboard Group (KB Group). Located in Yizheng Economic and Technological Development Zone in Yangzhou. We are founded in May 2010 with a total capital of 3 billions RMB and total area of 775 acres. The project is constructed in installment(a total of five stages). The first stage is invested \$99.8 millions with the registered capital of \$40 millions, covered an area of 326 acres with construction area of about 152,000 M<sup>2</sup>. We manufacture the HDI, the multilayer PCB in high density, the new PCB, the new mechanical and electronic components and related products. With annual output of 1.8 millions M<sup>2</sup> for high-density PCB, the annual output for the high density PCB will reach 10 millions M<sup>2</sup> after all the projects are completed.



已投产的扬州一期  
Phase 1 (Completed)

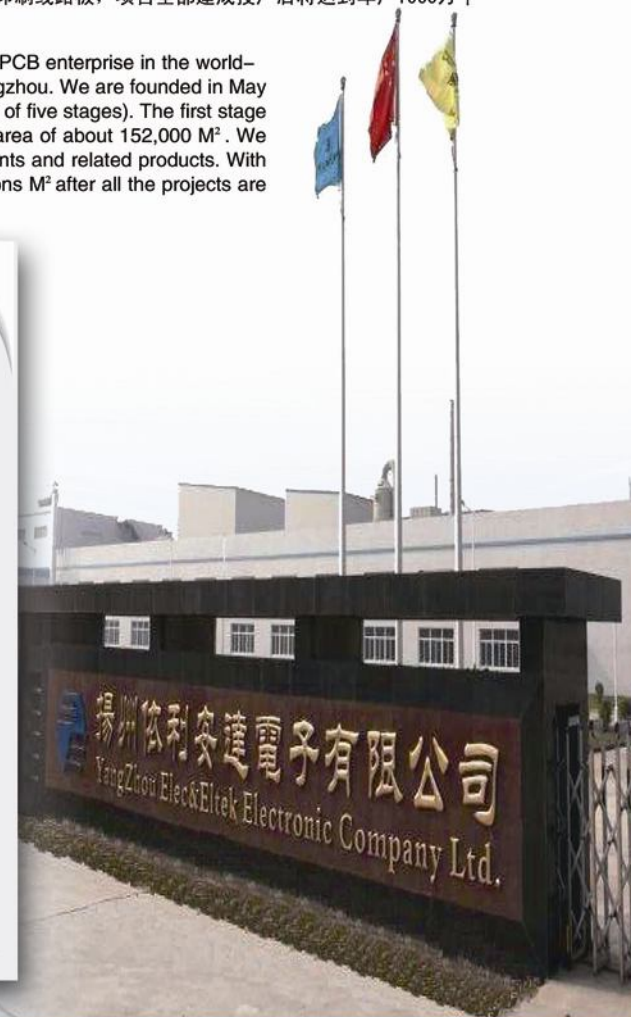


办公大楼  
Phase 1 (Completed)



待建设的其他四期厂房  
Other 4 phases are under construction planning

- 五期的厂方规划，总产能能达到1000万平方米  
5 phases with 10,000,000 m<sup>2</sup> /year capacity
- 规模化的生产效益  
Economic scale of production
- 具成本优势，能提供具竞争力的产品价格  
Competitive price





层数 Layer count	2层到18层的刚性线路板 Rigid PCB from 2-18 layers	
基材 Base material	FR-4, 高Tg FR-4, 无卤, 无铅, FR-4, Halogen free, Lead free,	
完成板厚度 Finished board thickness	批量板 Mass Production 20mil - 110mil	样品 Sample 18mil- 120mil
排板尺寸 Maximum Panel Size	21.4" x 24.4"	
表面处理 Surface treatment	抗氧化有机保护膜, 无铅抗氧化有机保护膜, 沉金/选择性沉金, 沉银, 喷锡 (有铅/无铅), 镀金, 可剥离蓝油 Organic Solderability Preservative (OSP), Lead Free Organic Solderability Preservative, Electroless Nickel / Immersion Gold (ENIG)/Selective Electroless Nickel / Immersion Gold (+OSP), Immersion Silver (IMS), HASL (Lead/lead-free), Gold Plating, Peelable S/M	
最小线宽(L)/线距(S) (内层) Minimum line width/spacing (Inner)	批量板 Mass Production 3.0 (L) / 3.5 (S) mil	样品 Sample 2.5 (L) / 3.0 (S) mil
最小线宽 (L) /线距(S) (外层) Minimum line width/spacing (Outer)	批量板 Mass Production 3.5 (L) / 3.5 (S) mil	样品 Sample 3.0 (L) / 3.0 (S) mil
最大纵横比 (板厚: 完成孔径) Aspect ratio	批量板 Mass Production 8:1	样品 Sample 10:1



成孔 Hole Formation	机械钻孔 Mechanical Hole	最小成孔尺寸 Min. Finished Hole Size	Mass Production 8 mil	Sample 6 mil
	孔径公差 Hole Size Tolerance	PTH Plated Through		± 3.0 mil
非PTH Non-Plated Through		± 2.0 mil		
压接孔 (非喷锡) Crimping hole (Non-HASL)		± 2.0 mil		
焊盘尺寸 Pad Size		相切孔环 For Tangency Annular Ring	Drill + 7 mil	
反钻沉孔 Back Drilling Counter-sink/bore	深度测量精度 Depth Accuracy	± 5 mil		
对位能力 Registration Capability	层与层 Layer to Layer	-	± 2.0 mil	
	孔壁到铜 Hole Wall to Conductor (HWTC)	孔到距其最近铜的间距 Clearance between drill hole and its nearest Cu	Mass Production 6.5 mil	Sample 6.0 mil
尺寸公差 Dimension Tolerance	板厚 Board Thickness	常规PCB Conventional PCB	± 8%	
	板曲 Bow & Twist	最大 Max.	0.50%	
	外形 Shape	常规PCB Conventional PCB	± 4.0mil	
绿油 Solder Mask	最小绿油桥 Min. S/M Dam	丝印 Screen Printing	3.0 mil	
	最小绿油开窗 Min. S/M Opening	丝印 Screen Printing	2.0 mil	







内层压合系统 Multilayer laminating press



机械钻孔机 Mechanical drilling (Hitachi)



OPE冲孔机 Punching machine



热熔机 Hot melt machine



机械钻孔机 Mechanical drilling (Schmoll)



全自动通用电测机 Automatic E-Tester



垂直丝印机 Screen printer machine



外观检查机 AVI



半自动曝光机 Semi-automatic exposure machine



涂布线 Roller coating



自动光学检验机 Automatic optical inspection



棕化线 Brown oxide

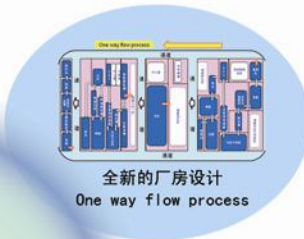




### 优势 Strength



优越的地理位置  
Geographical advantage



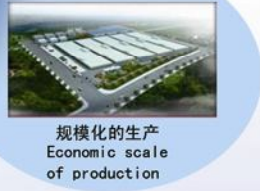
全新的厂房设计  
One way flow process



完整的原材料供应链  
Adequate raw material supply



优秀的品质  
快速的供货时间  
客户为中心的服务  
具竞争力的产品价格  
高产能  
Short lead time  
Excellent quality  
Customer oriented service  
Competitive product price  
High Capacity



规模化的生产  
Economic scale of production

### 目前主要客户 Main Customer

### 规划产品 Target End Market



Pressing

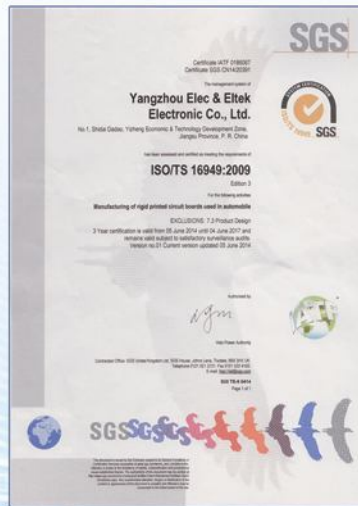




CQC



CQC



TS16949



ISO9001



ISO14001





依利安达集团成立于1972年，于1994年和2011年先后在新加坡和香港主板上市，为全球领先的线路板制造商。我们于亚洲拥有五大生产基地，商务网络遍布美国、欧洲、亚洲等地，生产传统板、精密线路板及层数高达50层的大型背板，并提供短交期的快速生产服务。我们将持续优化产品结构，为客户提供优质的产品 & 满意的服务，竭尽全力满足客户需求。

Elec&Eltek was founded in 1972. The Group was listed on the Singapore Mainboard in 1994 and achieved dual listed status on the Hong Kong Mainboard in 2011. We are the leading global manufacturer of conventional, as well as technology advanced HDI, backplane PCB up to 50-layer. QTA service is also available with short delivery lead time. With sales offices in America, Europe, Asia and 5 production bases in Hong Kong, Kaiping, Guangzhou, Yangzhou and Thailand, we are strengthening our competitive edge by optimizing product mix with quality products to meet customer demand.



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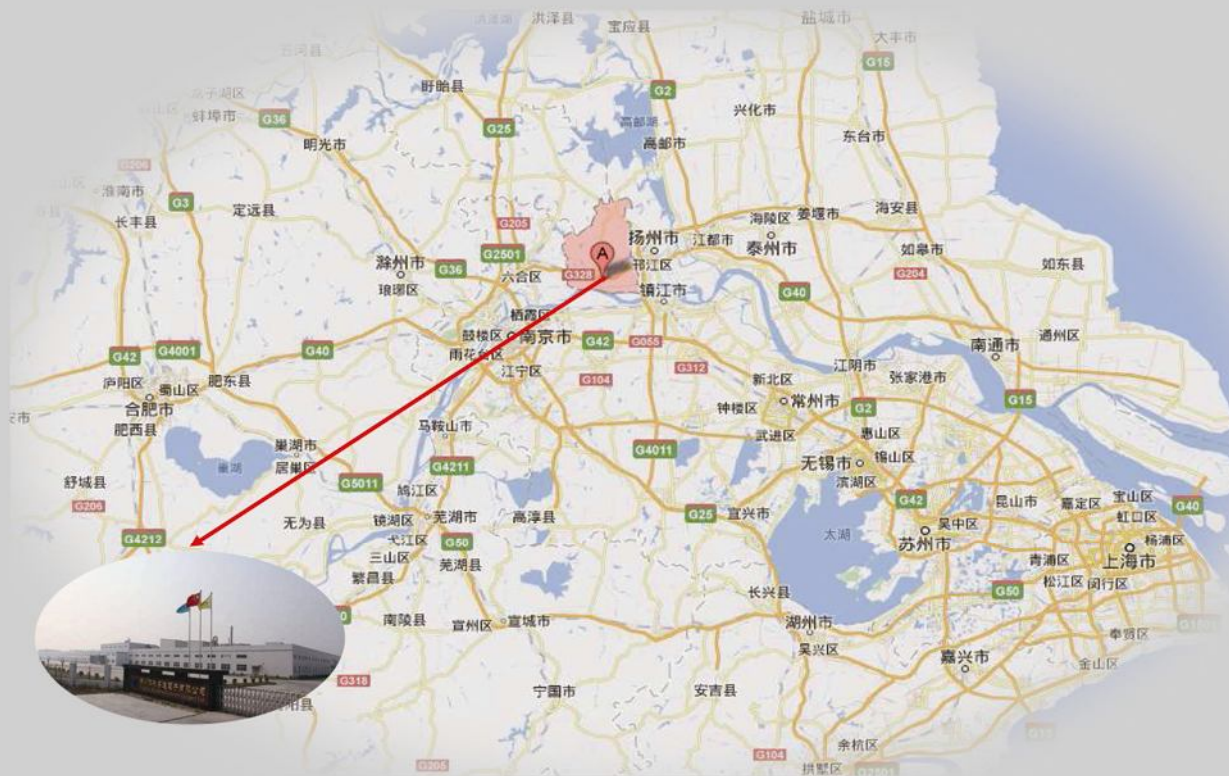
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