



# 穎崴科技股份有限公司

## WinWay Technology Co., Ltd.

負責人：王嘉煌

地址：811高雄市楠梓加工出口區第二園區  
創意南路68號

電話：07- 3610999

傳真：07- 3610099

推薦單位：

- 中國信託商業銀行
- 國立中山大學 電機系

營業項目：

研究、開發、設計、製造及銷售測試座

產品名稱：

- 高效能半導體測試座
- 接觸元件(彈簧針/導電矽膠/沖壓針 (Stamped Pin))
- 自動分類機之測試轉換套件
- 光學晶片/射頻/記憶體模組測試治具
- 高散熱性能散熱治具及手測蓋
- 主動式溫度控制模組
- 高性能晶圓探針卡
- 自動測試機測試載板

Owner : Mark Wang

Address :

No. 68, Chuangyi S. Rd., Second District of Nanzih Export Processing Zone, Nanzih Dist., Kaohsiung City 811, Taiwan, R.O.C.

Tel:+886-7-3610999

Fax:+886-7-3610099

Recommended by:

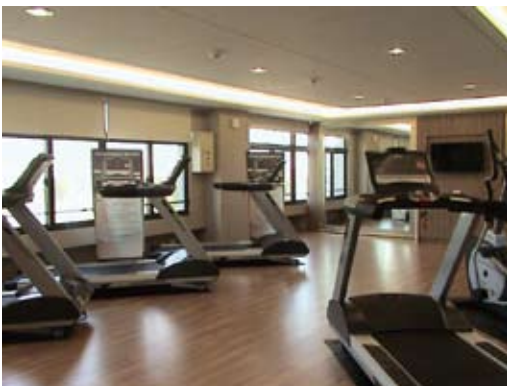
- Chinatrust Commercial Bank Co., Ltd.
- National Sun Yat-sen University - DEPARTMENT OF ELECTRICAL ENGINEERING

Business Items:

Research, Develop, Design, Manufacture And Sales of Test Socket

Main Products:

- High Performance Test Sockets
- Contact Element (Spring probe/Elastomer Contact Element/Stamped Pin)
- Changeover Kit of Handler
- CMOS/RF/Memory Module Test Socket
- High Performance Heat Sink and Manual Lid
- ATC (Active Thermal Controller)
- Direct Docking Probe Card
- ATE Load Board



健身房 Gymnasium



<http://www.winwaylobal.com>



公司總部 Headquarters

穎崴「WinWay」的成立宗旨在於為客戶解決IC測試相關技術問題。並配合台灣半導體完整的供應鏈和世界級大廠的步調，進行相關技術同步開發，以爭取市場導入的最佳時效；並提供最關鍵與完整的界面硬體和測試軟體的解決方案，以高度客製化的設計與製造能力，創造客戶、供應商與穎崴科技三贏局面。

### 以技術開發彈性應變，全球在地服務為優勢

公司於2001年創立，當初是以台灣IC設計公司和代工測試廠為銷售服務對象。但當接到客戶的大量訂單時，許多供應商都無法配合該筆訂單的需求進行即時生產。因此便開始思考，應該進行垂直整合，由自己來投入生產製造，以穩定的供貨品質來滿足客戶需求。而半導體屬於高精密度的產業，土法煉鋼並無法達到高品質的要求，因此我們於2006年通過ISO認證，以專業化、系統化的流程制度管理，來確保設計、製造與服務的品質的一致性。2008年為與美國半導體大廠，進行同步的研發設計，於美國加州成立海外分公司，同年在中國大陸上海成立子公司，對當地的測試廠進行技術服務。在擴大企業規模的同時，我們建立明確的企業文化，使所有同仁擁有相同的理念與價值觀並導入ERP資訊系統，避免因營運規模擴增，而造成執行力的落差。落實創新、溝通、持續改善與勇於負責為所有穎崴人的信條，在四大信念的執行之下，讓企業內的所有人能朝向相同的目標前進。



產品 Product

### 凝聚員工向心力，創造高品質與高效率

測試界面的支出成本在半導體製程中雖然佔比不大，但卻是測試成效良窳的關鍵元素之一。我們的主要競爭優勢在於測試硬體和軟體的整合。就像智慧型手機，如果空有頂級的硬體規格，卻無內容豐富與便於使用的軟體，那手機就像是裝飾品一樣，無法發揮應有功能。經由研發設計、模擬軟體、實驗驗證等軟實力，我們可以將測試界面的效能發揮到極致。先期產品品質規劃程序(Advanced product quality planning)是研究開發的標準程序，所有產品需經過權責單位的層層把關之後方能進入下一階段。而作業品質並非自然天成，它需要經過同仁的用心產出。所以公司持續提供員工充足的教育訓練、完整的年度健康檢查、員工旅遊補助以及運動健身房，透過強化心靈和身體健康與知識成長，讓員工能經常保持在最佳狀態。

### 精益求精，超越客戶期待

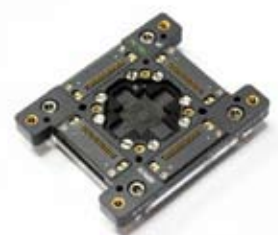
穎崴科技在草創初期，只是單純地想如何滿足客戶的要求，這執著而認真的念頭，讓公司一年比一年更加成長茁壯。在每次獲得客戶的訂單肯定之後，團隊都只有高興一時，便開始思考公司應該如何進步，該如何讓客戶更滿意。半導體產業的變化速度很快，需要時時刻刻都戰戰兢兢，才不會被科技進化的洪流所淹沒。所以，每一個月的主管會議，執行長都會不斷提醒各級主管，需要居安思危，不斷要求自己與部屬持續進步與改善，以超越客戶的期待。每一年各級主管也需要盤點部門的能力，訂出明確的強化與提升計畫。

### 高度客製化的設計與製造能力

各大半導體設計與封測客戶，都有獨門的製程檢驗模式，無法以一套標準而走遍天下。穎崴科技專注於聆聽客戶的聲音，依照客戶的需求，量身訂做所需要的測試介面，以使晶片檢測能達到最好的產能與良率。而這樣的成果，都是立基於先進研發設計團隊、關鍵零組件檢驗能力以及高標準的製程管制能力。未來，台灣仍是穎崴科技的營運總部，我們將匯聚台灣的人才，讓產品能在世界各地發光發熱，以成為全世界最專業與反應最迅速的半導體測試技術領導者。 ■



員工旅遊 Staff tour



產品 Products



"WinWay" was established with the aim of solving the technical issues in IC testing for customers. And with the complete supply chain of Taiwan semiconductor for corresponding world-class factories pace, synchronous development of the related technologies to gain market introduction of the best aging; and provide the most critical and complete interface hardware and test software solutions in a highly customized design and manufacturing capabilities , and create win-win situation (customers, suppliers, and WinWay Technology)

### **Advantages for the Development of Technology and Flexibility, the Dominant Local Service Worldwide**

The company was founded in 2001, and was originally based on Taiwan's IC design companies and foundry test plants for sales and service objects. However, when a large number of orders were received from customers, many suppliers were unable to meet the needs of the orders for immediate production. So they thought that vertical integration would be the best option to stabilize the quality of supply and to meet customer needs.

The production of semiconductors is a high-precision industry. The heavy-duty production method must meet the requirements of high quality, as stated in the ISO 2006 certification. The production must also be based on professional, systematic process system management to insure that the design; manufacturing and service quality is consistent. In order to synchronize research and design with the U.S. semiconductor industry in 2008, we set up overseas branches in California to design techniques and services to break down the distance between us and our customers. In the same year, we also set up a subsidiary in mainland China, Shanghai, in order to offer technical services to the local testing house. In the expansion of our enterprise, we had to establish a clear corporate culture, so that all employees would have the same beliefs and values. It was important that when it came to implementation of innovation, communication, continuous improvement and a



生產線Production line

sense of responsibility that everyone in the enterprise should be facing in the same direction.

### **Creating High-Quality and High-Efficiency**

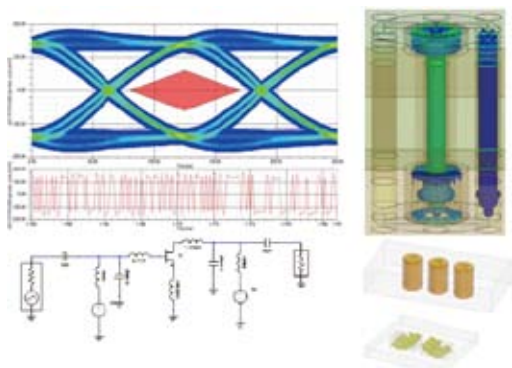
Test interface costs in semiconductor equipment are not big; it is one of the key elements for testing effectiveness. Our main competitive advantage is the ability to test the integration of hardware and software. Take a smartphone for instance, if it only has first-rate hardware without effective and convenient software to use it, then the smartphone is only as good as a decoration, which cannot display the expected functions. Through research and design, software simulation, experimental verification of soft power, we can test the interface and maximize its performance. The Advanced Product Quality Planning Process (advanced product quality planning) is the research and development of standard procedures. All products have to be checked at each level before entering the next stage. Work quality is not seen naturally, it needs to be in all the intentions of the workers. So the company continues to offer employees adequate education and training, complete annual health checks, employee travel grants and an exercising gym to strengthen the mind through physical health and not to mention, the company encourages growth of knowledge, so that employees can perform in top condition.

### **Striving for perfection and to exceed customer expectations**

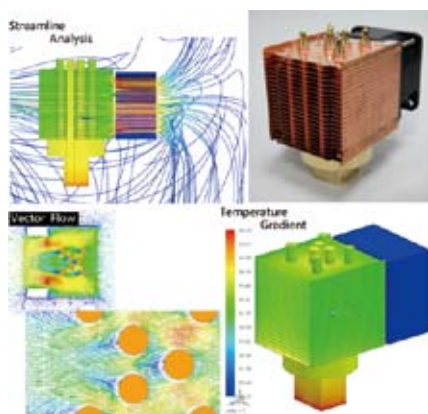
WinWay's biggest entrepreneurial goal is to meet customer's requirements. Striving towards this goal with persistence is what makes the company thrive year by year. When we receive a customer's order, we are only happy for a moment, and then we begin thinking about how our company should proceed in the completion of that order, in such a way that the customers will be more satisfied. Changes in the semiconductor industry are fast, so the fear of being overwhelmed by the flood of technological advancement is constant. That's why, in monthly supervisor meetings, the chairman constantly reminds the executive managers at all levels that they need to be prepared, and ask themselves and subordinates to constantly progress forward and make improvements continually, in order to exceed our customers' expectations. Every year, managers at all levels need to inventory each department's capacity, and state a clear plan to strengthen and improve the department.

### Highly Customized Design and Manufacturing Capabilities

Every semiconductor design and package testing has their own unique inspection process which makes it is impossible to set standards all over the world.



射頻模擬 RF Simulation



熱模擬 Thermal simulation

WinWay Technology focuses on listening to our customers and using their requests to customize the needed test interfaces, to achieve the best efficiency and accuracy. Our achievements are because of an advanced R & D design team, key component testing capabilities, and high standards of process control capability. In the future, Taiwan will still be the operational headquarters of WinWay Technology. We will constantly gather talents to let our products shine in the world. We want to become the world's most professional and responsive leader in semiconductor production test technology.

擁有高素質的研發人才及優秀的經營團隊，深受國內外大廠信賴。且能善用政府研發輔導資源與國內半導體群聚產業鏈優勢，迅速發展成為全球前三十大邏輯IC測試治具供應商之一。財務健全，朝公開發行進行規劃，內部管理制度合理健全，員工享有認股權，且熱心公益，足以成為業界標竿。

With high-quality R&D personnel and an excellent management team, WinWay Technology has been a reliable partner to many leading manufacturers at home and abroad. By cleverly linking government R&D guidance resources with the advantages of the semiconductor industry clustering in Taiwan, WinWay Technology has rapidly evolved into one of the world's top 30 suppliers of logic IC testing platforms and tools. With a healthy financial structure, WinWay Technology is on its way to making a public offering. Under its reasonable and healthy internal management system, employees enjoy stock subscriptions. As an enthusiastic supporter of charity, WinWay Technology is qualified as a benchmarked business in the industry.

綜合評語  
*Commentary*