

YUECHUNG INTERNATIONAL CORP.

 **TAITRONICS**
Taipei International Electronics Show
Booth No:K0221 & K0223

OCT.6-9, 2016
Taipei Nangang Exhibition Center, Hall 1



Professional Partner in GPS & Frequency Control



- YIC founded in 1994, is a professional manufacturer of Frequency Control & GPS / RF Products, is a supervisor member of QIAT(Quartz Industries Association of Taiwan), investor PANRAM is Listed on Taiwan Stock Exchange, stock#8088, We devoted to the research, design, manufacture and marketing of Frequency Control Products, as well as GPS/GNSS Receiver Modules,GPS/GNSS Receivers (G-Mouse) & GPS / RF Antennas.

Our factory is located at Yantai China, with ground area 8,602m², floor area 18,114m², ISO-9001/14001 certification, produce 150 Million pcs frequency components annually. We are one of few factories in the world with processes started from cutting Quartz crystal Y,Z bar. The company headquarter is in Taiwan, with branches Shenzhen China . Also the authorized distributors & representatives are around the world.

We are capable to provide the best qualities and services with reasonable price and the shortest lead-time. Our goal is to perform competitive customers, to become long-term win-win cooperation. And to get 100% confidence of support and service capability of YIC's Frequency Control Products & GPS/ RF Products related technology & applications. YIC submit free of charge for customers oscillation circuit adjustment within 48 hours. **In additional, welcome for customizing ODM requests, we support customer's differential designs to develop the niche products.**

- Registered Brand: YIC
- International Certification: ISO-9001 : 2008 , ISO-14001 : 2004 , D&B Duns



- Products Range: 1.Frequency Control Products --
Quartz Crystal Unit, Crystal Clock Oscillator, VCXO, TCXO, VCTCXO, OCXO, Ceramic Resonator, Ceramic Filter, RTC Real Time Clock, SAW Resonator , SAW Filter , MCF Monolithic Crystal Filter, Discriminator .
- 2.GPS/GNSS & RF Microwave Products --
GPS/GNSS Receiver Modules (Engine Board), GPS/GNSS Antenna Modules, GPS/GNSS Receivers (G-MOUSE),GPS/Chip/RF Antennas.

- Major Customers: Acer , Delta , Foxconn , Lite-On , Panasonic , Toshiba...
- Major Markets: Telecom (Wlan, Bluetooth,XDSL,Gigabit Ethernet,2.4G,ZigBee,M2M,GPS,Set Top Box,FTTH,.....), PC & Peripheral, Industrial, Medical, Vehicle & Consumer ...

- Members: QIAT (Quartz Industries Association of Taiwan - a supervisor member) , TECSA (Taipei Electronics Components Suppliers) , TEEMA (Taiwan Electrical and Electronic Manufacturer's Association)



- Distributors Wanted: Please contact Henry Sun(Ext.112) or E-mail: henry.sun@yic.com.tw

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- [YIC's GPS Solution \(GPS頻率元器件\)](#)
- [YIC's RF wireless mouse module solution](#)
- [Terms of Crystal](#)
- [Design Note for YIC Quartz Crystal Unit](#)
- [Cross Reference of YIC Ceramic Frequency Devices\(YIC vs. Murata\)](#)
- [Cross-Reference of YIC Crystal Unit](#)
- [Crystal Processing Instruction\(晶振使用說明\)](#)
- [Tuning fork音叉晶體結構與應用](#)
- [YIC Production Procedure & Facilities生產設備與流程](#)
- [石英晶體製作流程](#)
- [Quartz Crystal Oscillator Cutting methods \(石英切割的種類與角度\)](#)
- [GPS Technical Expression and Abbreviations \(GPS常用術語及縮寫\)](#)
- [Test Report of YIC51009EBGG-33 \(YIC51009EBGG-33測試報告\)](#)
- [32.768KHz Tuning forks crystal design considerations \(32.768KHZ設計注意事項\)](#)
- [MTBF-石英晶體諧振器與振盪器](#)
- [YIC Chip Antenna-ATC3216F245M04 Test Report 2D&3D](#)
- [YIC GPS Receiver Module \(u-blox7\) Application Circuit](#)
- [Recommended YIC MHz SMD Crystals-SMDXT114 SMDXT214 SMDXT224 SMDXT324](#)
- [物聯網 \(IOT\) MCU需注意頻率元件的設計-By YIC](#)
- [YIC SMD Ceramic Resonator 陶瓷振盪器-3pin C1C2電容值](#)
- [YIC Through-Hole Ceramic Resonator 陶瓷振盪器-3pin C1C2電容值](#)
- [YIC ceramic resonator/filter陶瓷振盪器/ 濾波器—ROHS排除條款](#)
- [ROHS指令全文 \(全中文版\)](#)
- [Block Diagram of YIC GPS Products](#)
- [LNA test curve of GPS External Active Antenna--ATG4638](#)
- [YIC SMD 32 768KHz Crystal layout Recommendation \(32.768KHz SMD Layout 振盪電路建議\)](#)
- [YIC LTCS10 7M vs Murata SFECF10M7FA](#)
- [Freq vs Temp 溫測數據- YIC Ceramic Filter陶瓷濾波器-LT10.7MA5](#)
- [YIC Reference Design for Chip Solution](#)
- [Cross Reference Of YIC Clock Oscillator \(SPXO LVPECL LVDS RTC\)](#)
- [晶振常見問題](#)
- [YIC91612EBFGG-U8對比UBLOX-NEO-M8N 性能測試報告](#)

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● CRYSTAL AND OSCILLATOR PRODUCTION EQUIPMENT

Here are some images of machinery and equipment used in crystal product manufacture and test.



PLATING UNIT - a vacuum/heat process, used to plate silver or gold electrodes onto crystal blanks

BLANK MOUNTING - Prepared crystal blanks are mounted onto substrates for surface-mount products





PACKAGE ASSEMBLY - Automatic tacking of package lids prior to seam welding surface-mount products

FINAL ADJUST - Oscillator final adjustment equipment. Crystal units are adjusted to final frequency under computer control.



RESISTANCE-WELDER - Resistance weld chamber. Crystals and oscillators are sealed under a controlled atmosphere; units are 'back-filled' with nitrogen during the hermetic sealing process

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YIC inside below famous Products

				
Card Reader	Notebook ,Interface Adaptor	Video Conference Monitor	Notebook , Camera	Monitor & Control Card
				
Tablet ,USB to LAN	Bluetooth Keyboard/Mouse	POS	Automotive ,Parking Sensor	Android Game
				
Notebook ,HDMI to VGA	LCD Panel , Inverter	Motorcycle , Panel	Industrial PDA	Storage

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● Exhibition Pictures



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- - GLOBAL SALES CONTACT - -

YIC aims to support all of our Distributor/Rep to create great business, with our rapidly expanding business, some countries are still opened now, we sincerely invite well-experienced distributor/Rep to join us and grow together, please send your company profile to service@yic.com.tw, thank you!

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