

Company Profile

YIC

YUECHUNG INTERNATIONAL CORP.

20F-4, No. 79, Sec. 1, Hsin Tai Wu Rd., His-Chih, Taipei Hsien, Tawan.

Mar 27th, 2015

<http://www.yic.com.tw>

YIC

Company Information (1 of 3)

■ **Company Name** : Yuechung International Corp. (YIC)

■ **President** : Y.M. Hsu

■ **Established** : November, 1994

■ **Sales Turnover** : US\$ 23.0 M in 2014

■ **Staffs Strength** : H/Q Taiwan : 16

Factory, Yantai China : 180

Branch , Shenzhen China : 10

G-TTL : 206

■ **Headquarter , Taiwan:**

Address : 20F-4, No. 79, Sec.1, Hsin Tai Wu RD., Hsi-Chih, Taipei Hsien,Taiwan.

Tel : +886-2-2698-2191(REP.) **Fax** : +886-2-2698-2192 / 2698-2193

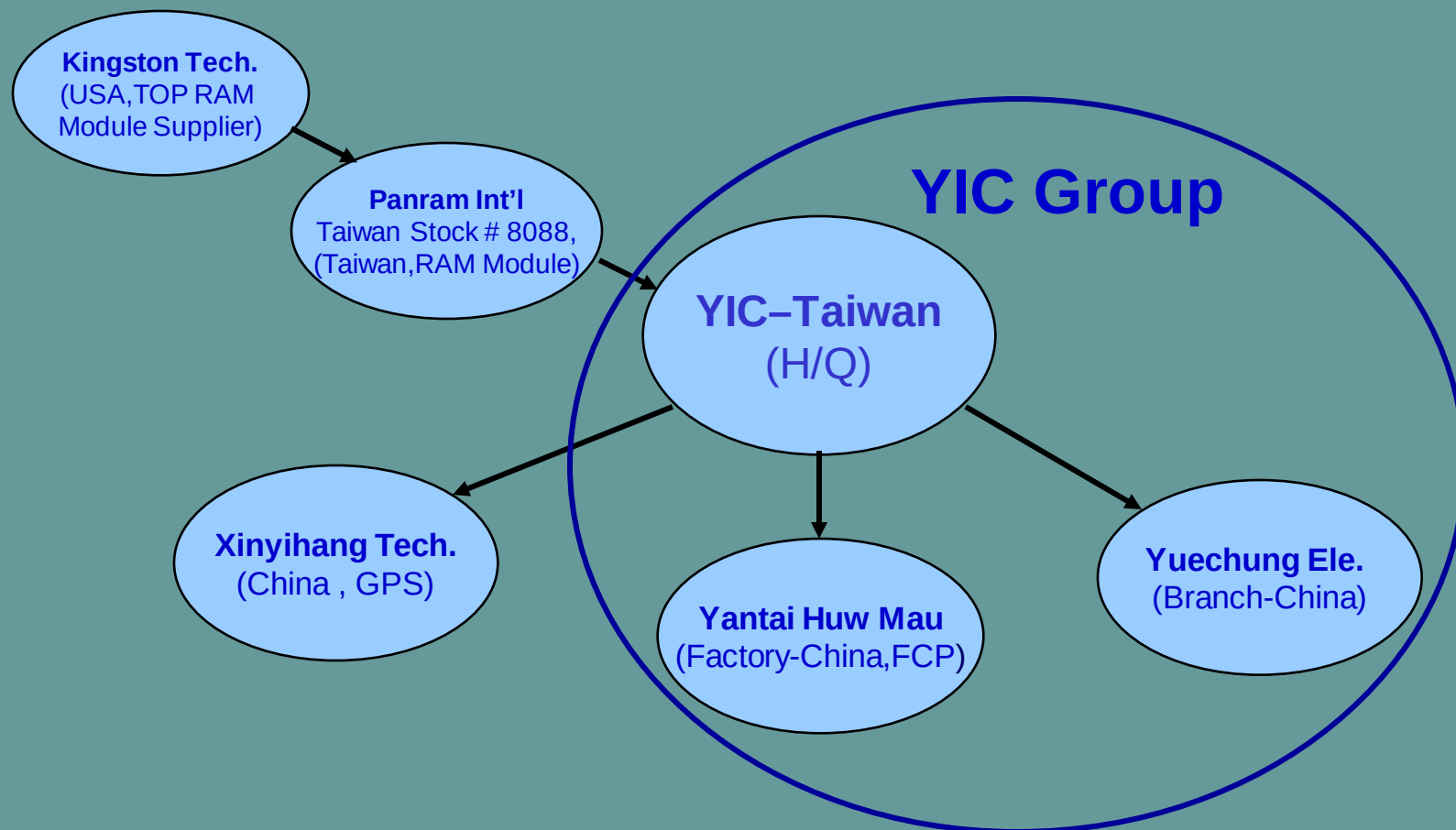
URL : <http://www.yic.com.tw> **E-mail** : service@yic.com.tw



YIC

Company Information (2 of 3)

■ YIC Group & Related Companies :



YIC

Company Information (3 of 3)

■ Factory , Yantai China :

Yantai Hua Mao Electronics

Floor Area:18,114m²,Ground Area:8,602 m²,

ISO-9001:2008 / ISO-14001:2004 Certified

Address : No. 2 , Huashan Rd., Yan Tai ETDx , China



■ Branch , Shenzhen China :

Yuechung Electronics (Shenzhen)Co.,Ltd.

TEL : 86-755-8204-4536~7 FAX : 86-755-8204-4415



■ Related Company :

Panram Int'l Corp.(A OTC`S Stock Listed Company #8088)

Address : No. 200 , Sec .3,Tatong RD., His-Chih ,

Taipei Hsien , Taiwan





CFL CERTIFICATION CENTER
CERTIFICATION OF QUALITY MANAGEMENT SYSTEM

Registration No: 06511Q21569R0S

YANTAI HUAMAO ELECTRONICS CO., LTD.

NO.22 HUASHAN ROAD, YANTAI ETDX, CHINA, 264006.

Complies with the requirements of

GB/T19001-2008 idt ISO 9001: 2008

The scope of certification covers:

THE PRODUCTION OF QUARTZ CRYSTAL RESONATOR

The 1st surveillance	The 2nd surveillance	The 3rd surveillance
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The certificate owner should accept the supervise auditing not less than three times in the period of validity

Date of Registration: 2011-12-26

Date of Expiry: 2014-12-25



MANAGEMENT SYSTEM

CNAS C065-Q

Add: A301, Detai Edifice, No. A39, Xingfu Avenue, Chongwen District, Beijing, 100061, P.R.C.

Inquiring Website: www.bjzwl.org

Inquiring Telephone: 010-67161955



CFL CERTIFICATION CENTER
CERTIFICATION OF ENVIRONMENTAL MANAGEMENT
SYSTEM

Registration No: 06511E20070R0S

YANTAI HUAMAO ELECTRONICS CO., LTD.

NO.22 HUASHAN ROAD, YANTAI ETDX, CHINA, 264006.

Complies with the requirements of

GB/T24001-2004 idt ISO 14001: 2004

The scope of certification covers:

LOCATED IN NO.22 HUASHAN ROAD, YANTAI ETDX, YANTAI HUAMAO ELECTRONICS CO., LTD, THE PRODUCTION OF QUARTZ CRYSTAL RESONATOR ENVIRONMENTAL MANAGEMENT ACTIVITIES

The 1st surveillance	The 2nd surveillance	The 3rd surveillance
----------------------	----------------------	----------------------

The certificate owner should accept the supervise auditing not less than three times in the period of validity

Date of Registration: 2011-12-26

Date of Expiry: 2014-12-25



MANAGEMENT SYSTEM

CNAS C065-E

Add: A301, Detai Edifice, No. A39, Xingfu Avenue, Chongwen District, Beijing, 100061, P.R.C.

Inquiring Website: www.bjzwl.org

Inquiring Telephone: 010-67161955



YIC

Background

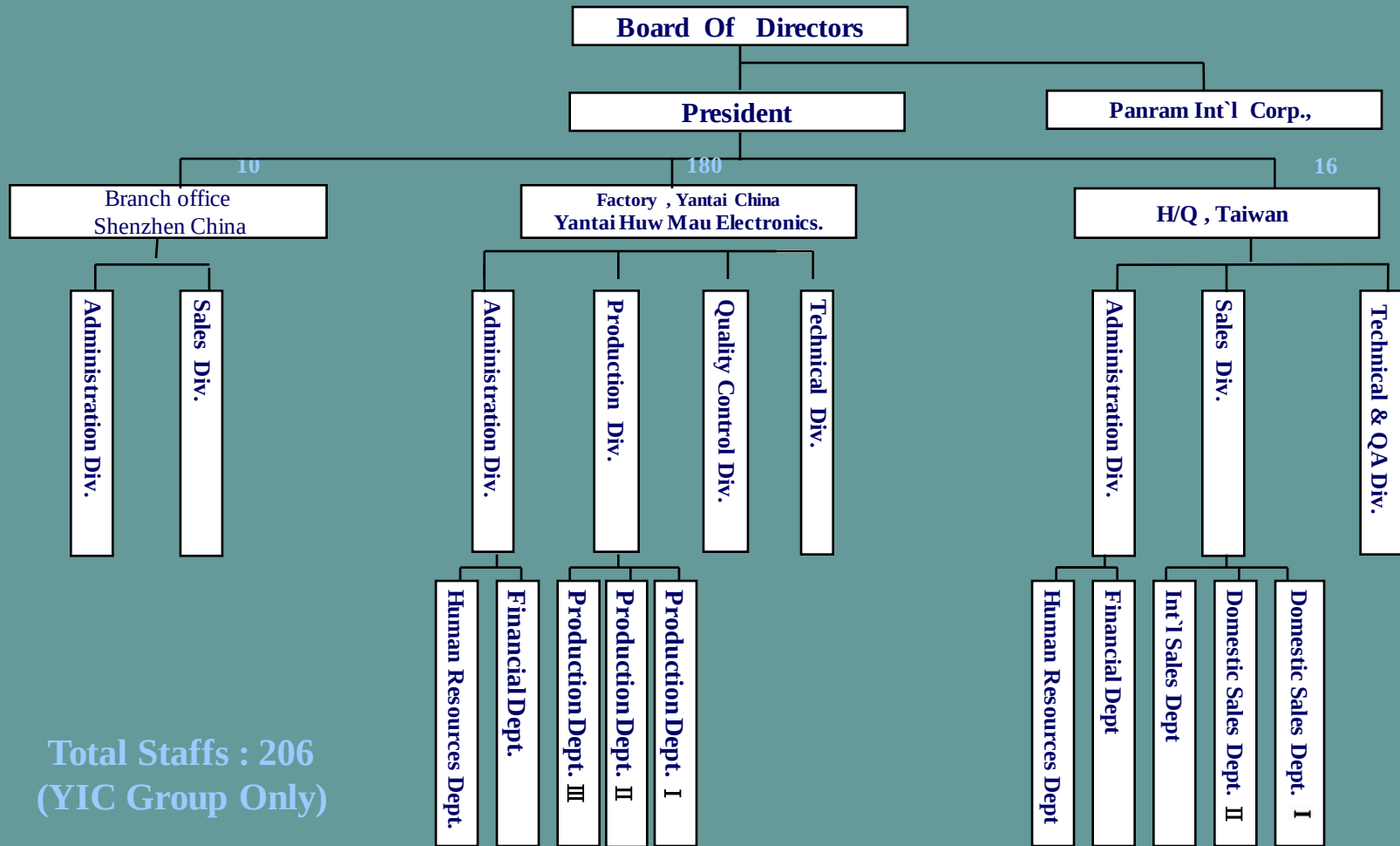
- A Major supplier for **Frequency Control & GPS Products** in Taiwan.
- Major customers include over 30 stocks listed companies.
- Market coverage:
Telecom(Wlan,Bluetooth,XDSL Gigabit Ethernet,2.4G,ZigBee,M2M,GPS,Set Top Box,FTTH,.....),PC & Peripheral,Industrial,Medical,Vehicle & Consumer
- Instant Services from **YIC** Worldwide Distributors
- A member of **QIAT** (Quartz Industries Association of Taiwan)—A Supervisor Company, **TECSA** (Taipei Electronics Components Suppliers) & **TEEMA** (Taiwan Electrical and Electronic Manufacturer's Association)
- Bank Information:

Land Bank of Taiwan Hsiu-Yi Branch US\$ A/C:079-10100-3162

<http://www.yic.com.tw>

YIC

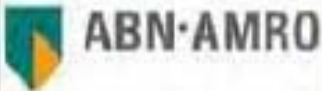
Organization Chart



Total Staffs : 206
(YIC Group Only)

YIC

YIC At Here

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

★ These Trademarks list here are belong to their original owner

YIC

Partners Of Main Chip

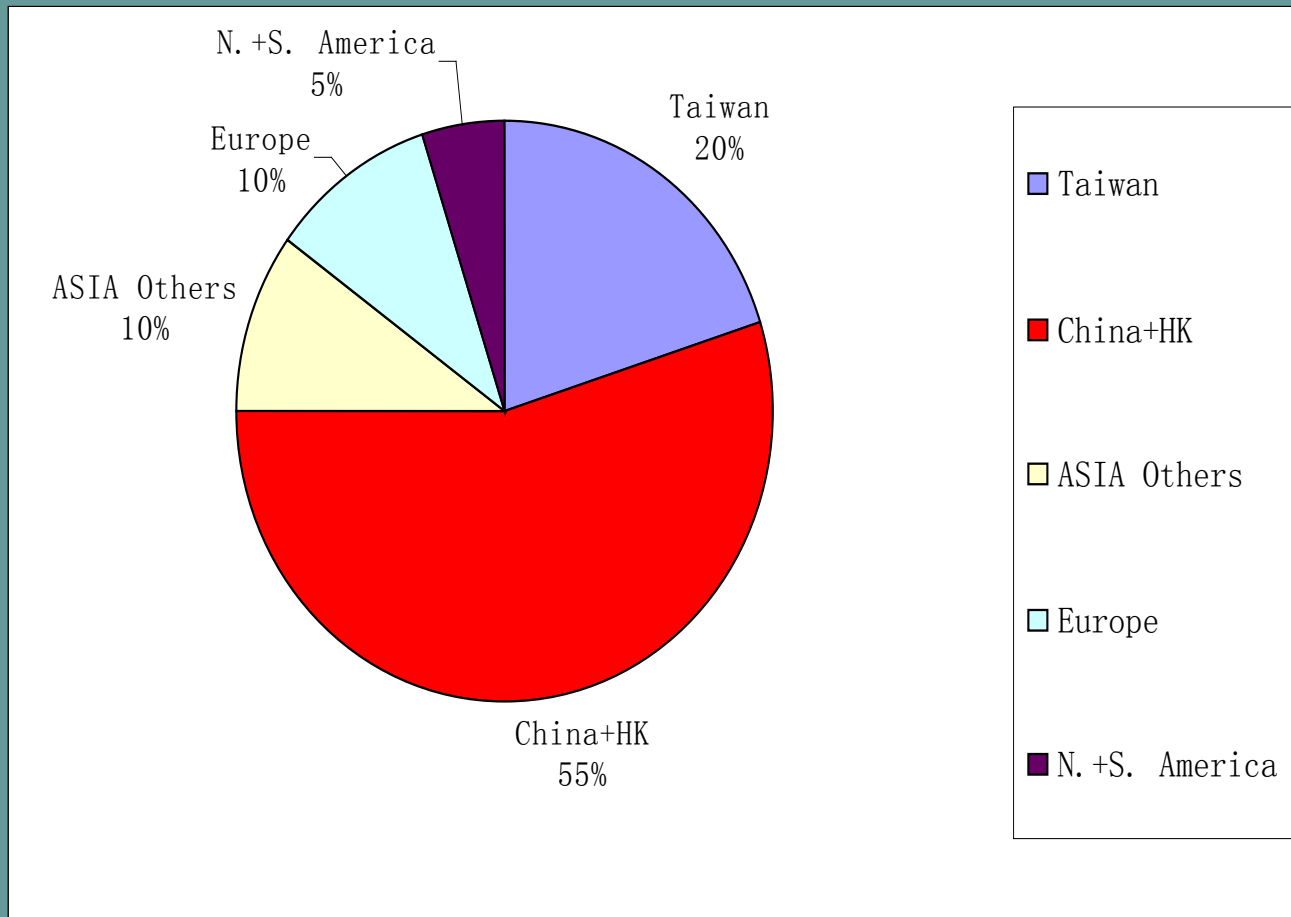
			
	<u>盛群 Holtek</u>	<u>聯發科 Mediatek</u>	<u>聯詠 Novatek</u>
			
<u>凌陽 Sunplus</u>	<u>意法半導體 STMicroelectronics</u>	<u>智達 Terax</u>	<u>卓然 Zoran</u>

★ These Trademarks list here are belong to their original owner

★ 此處所列商標屬於其原始商標權擁有者

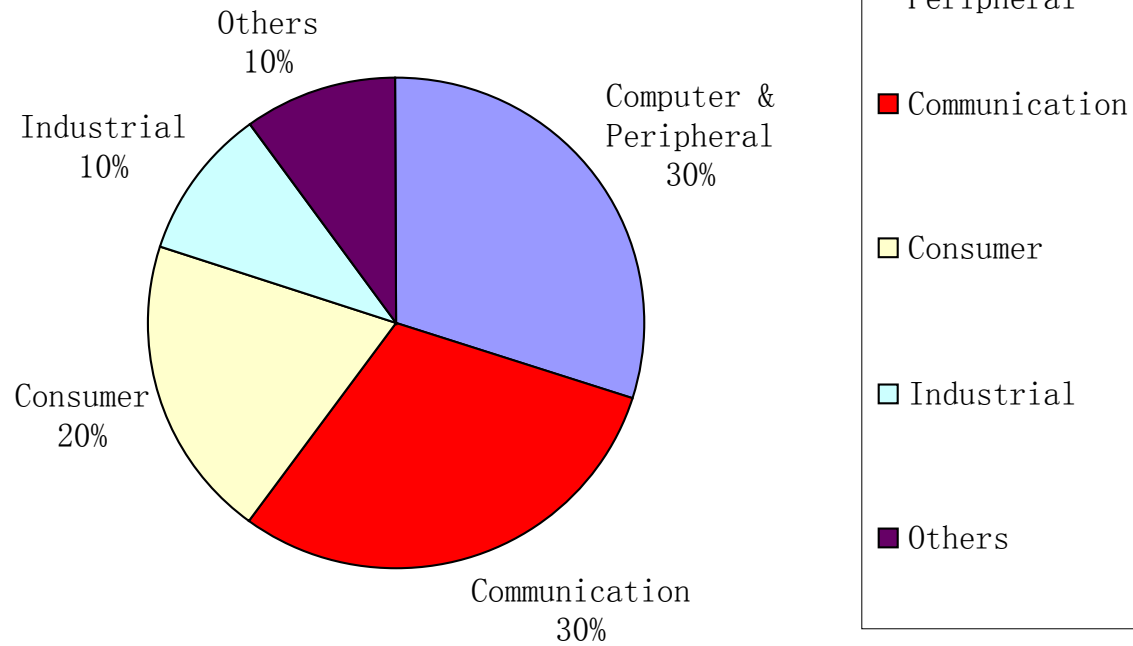
YIC

Regional Sales



YIC

Market Segment



■ Frequency Control Products(頻率元件)

Piezoelectric Ceramic Type-Resonator , Filter , Discriminator ,trap , Antenna.

Quartz Crystal Unit.

Quartz Crystal Oscillator , VCXO , TCXO , VCTCXO , OCXO.

Monolithic Crystal Filter (MCF)

SAW Resonator & Filter.

■ GPS & RF Microwave

GPS Module

GPS Receiver (G-Mouse)

GPS Antenna

RF Antennna

■ Frequency Control Products:

□	49U	1MPCS
□	49US	12MPCS
□	49SMT	3MPCS
□	Cylinder	3MPCS
□	SMD	5MPCS

Total:	24MPCS/M
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■ GPS & RF Microwave :

□	GPS Receiver & Module	1MPCS/M
□	GPS Antenna	1MPCS/M
□	RF Antenna	2MPCS/M

Quartz Crystal Uuit

- SMD Type

- MHZ:

- 7050,6035,5032,4025,3225,2520,2016

- KHZ:

- MC146,MC306,SM26B,SM26BSP,SM38A

- Through-Hole Type

- 49U:1.8M~200MHZ

- 49US/SL:3.0M~80.0MHZ

- 49SMT/SLMT:3.0M~80.0MHZ

- Cylinder:20kHz~70.0MHZ



Quartz Crystal Oscillator

- **CMOS**

- Half : 0.02MHZ~160.0MHZ
- Full : 0.02MHZ~160.0MHZ
- S7 : 1.0MHZ~160.0MHZ
- S5 : 1.0MHZ~160.0MHZ
- S3 : 1.0MHZ~50.0MHZ
- S2 : 2.0MHZ~50.0MHZ

- **LVDS:** 77.76MHZ~156.25MHZ,7050,5032
- **LVPECL:** 180.0MHZ~650.0MHZ,7050
- **LOW EMI:** 12.0MHZ~160.0MHZ,7050,5032
- **32.768KHZ:** 7050,5032,3225,2520



TCXO,VCTCXO & OCXO

- **TCXO,VCTCXO :**

- 32.768KHz~160.0MHz
- SMD : 11.4*9.6,7050,5032,3225
- Through-Hole : 1812,2013,1313

- **OCXO :**

- 1.0~160.0MHz
- Through-Hole : 5151,3939,3627,2525,2020,2013



Pixzoelectric Ceramic Type

- **Ceramic Resonator**

- 190KHZ~60.0MHZ
- Through-Hole, SMD (Murata CC, CS, CV, CR, CE, CW Compatible)

- **Ceramic Filter**

- 450KHZ~470KHZ, 10.52MHZ, 10.7MHZ, 4.5/4.72/5.5/5.74/6.0/6.25/6.5/6.74MHZ
- Through-Hole & SMD

- **Ceramic Discriminator**

- 455K, 10.7M, 3.58~6.5M
- Through-hole & SMD

- **Ceramic Trap**

- 3.58/4.43/4.5/5.5/5.74/6.0/6.5MHZ
- Through-Hole



- **GPS Receiver Module**

- **Platform : MTK**

- Chip : MT3337,MT3339,MT3333

- System : GPS,GPS & Glonass,GPS & BDS (BeiDou)

- Interface : UART/TTL

- Dimension : 1009,1513,1612,1613,2217

- **Platform : UBLOX**

- Chip : U7,M8

- System : GPS,GPS & Glonass,GPS & BDS (BeiDou)

- Interface : UART/TTL (Model YIC91612EBI with TTL,USB & I2C)

- Dimension : 1009,1513,1612,1613,2217



- **GPS Antenna Module**

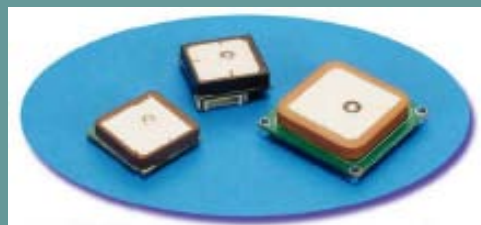
- **Platform : MTK**

- Chip : MT3337,MT3339,MT3333

- System : GPS,GPS & Glonass,GPS & BDS (BeiDou)

- Interface : UART/TTL

- Dimension : 1513,1818,1818S,2925



- **Platform : UBLOX**

- Chip : U7,M8

- System : GPS,GPS & Glonass,GPS & BDS (BeiDou)

- Interface : UART/TTL

- Dimension : 1513,1818,1818S,2925

- **GPS Receiver (G-Mouse)**

- **Feature** : Quick 1 Second Hot Start & 29 Second Cold Start

- 20Hz Update Rate

- Baud Rate 9600

- Operation Temperature -40~+85C

- **Platform** : UBLOX 7, MT3337, MT3339, MT3333

- **Interface** : UART/TTL or USB

- **Dimension** : 50.08 * 30.21 * 17.26mm(H)

- **Connection** : USB, Mini USB, Ear Jack, RJ-45,



• GPS Active & Patch Antenna

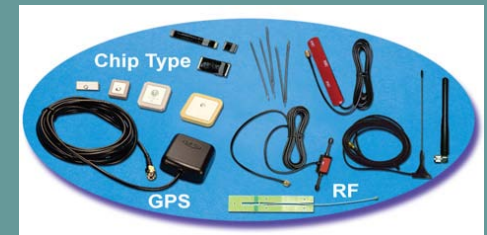
- **External Active Antenna** — GPS, GPS & Glonass, GPS & BDS (BeiDou)
 - 46*38mm
- **Internal Active Antenna** — GPS, GPS & Glonass, GPS & BDS (BeiDou)
 - 10*10, 12*12, 15*15, 18*18, 25*25, 35*35mm
- **Patch Antenna** — GPS, 10*10, 12*12, 15*15, 18*18, 25*25, 35*35mm
 - GPS & GLONASS, 15*15, 18*18, 25*25, 35*35mm
 - GPS & BDS (BeiDou), 25*25, 35*35mm



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GPS & RF Microwave (5)

- RF Antenna
 - External & Internal Antenna
 - Single & Multi-Band Antenna
 - GSM
 - 2.4G
 - 3G
 - 4G/LTE
 - Custom



Function Test (1) — Frequency Control Products

EXCEL EXPORT PRINTOUT FORMAT

Run Name: 16M12F2XT324

Run Date: 21-Aug-2006 11:09 pm

S&A 250B: 11.26 Report: 4.62

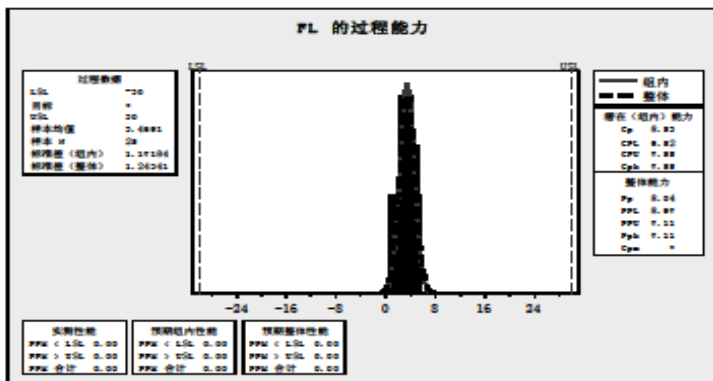
Reference Fc: 16,000,000.00 (Using Measured FL)

Power: 200.00 uW Into 40.0 ohms

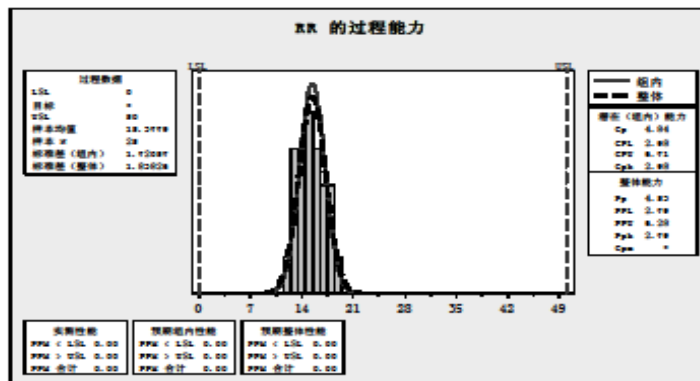
FL: No Load CL: 12.00 pF

Crystal	First Failure	FR ppm	FL Hz	FL ppm	RR Ohms	C0 pF	C1 fF	L mH	C0/C1	DLD2 Ohms	FDLD ppm	RDL2 Ohms	SPDR dB	Q	TS ppm/pF
High Limit				30.0	50.0	7.0				10.00	10.00	50.0	-3.0		
Low Limit				-30.0											
1	PASS	-70.49	16,000,060.84	3.80	15.44	1.05	2.07	47.84	508.54	0.78	2.26	14.02	-9,999.00	311.50	6.07
2	PASS	-70.17	16,000,052.37	3.27	12.47	1.06	2.06	48.00	511.78	0.69	2.47	10.89	-9,999.00	386.98	6.05
3	PASS	-71.58	16,000,042.12	2.63	12.83	1.05	2.07	47.74	507.29	1.13	2.51	12.09	-9,999.00	374.12	6.08
4	PASS	-70.00	16,000,060.32	3.15	16.48	1.03	2.04	48.54	507.22	0.98	2.33	14.59	-9,999.00	296.04	6.00
5	PASS	-73.69	16,000,045.64	2.85	15.64	1.06	2.11	46.94	502.23	1.86	2.18	14.57	-9,999.00	301.60	6.18
6	PASS	-79.65	16,000,029.07	1.82	14.30	1.06	2.21	44.73	479.10	1.45	1.68	12.18	-9,999.00	314.40	6.49
7	PASS	-70.01	16,000,054.39	3.40	13.90	1.06	2.05	48.34	516.71	0.84	2.24	12.35	-9,999.00	349.55	6.00
8	PASS	-68.41	16,000,064.97	4.06	16.77	1.05	2.03	48.64	515.62	1.23	2.47	15.83	-9,999.00	291.62	5.97
9	PASS	-63.68	16,000,089.03	5.56	17.67	1.05	1.97	50.34	535.04	0.84	2.71	15.23	-9,999.00	286.35	5.77
10	PASS	-71.59	16,000,038.01	2.38	13.15	1.07	2.07	47.81	515.81	0.70	2.37	11.69	-9,999.00	365.63	6.06
11	PASS	-68.64	16,000,067.30	4.21	15.18	1.05	2.03	48.65	514.39	1.00	2.40	13.03	-9,999.00	322.05	5.98
12	PASS	-72.97	16,000,048.28	3.02	15.89	1.05	2.12	46.70	494.87	1.58	2.10	14.28	-9,999.00	295.49	6.22
13	PASS	-69.21	16,000,055.96	3.50	13.58	1.05	2.04	48.42	512.50	0.59	2.48	12.31	-9,999.00	358.43	6.00
14	PASS	-69.84	16,000,036.69	2.29	18.39	1.04	2.03	48.86	515.36	0.78	2.45	16.17	-9,999.00	267.05	5.95
15	PASS	-72.77	16,000,019.49	1.22	18.70	1.04	2.03	48.75	514.13	0.78	2.02	17.32	-9,999.00	262.01	5.97
16	PASS	-71.26	16,000,041.34	2.58	13.71	1.06	2.07	47.84	512.94	0.75	2.23	12.83	-9,999.00	350.67	6.06
17	PASS	-61.17	16,000,079.97	5.00	14.95	1.08	2.28	43.42	471.99	1.45	0.49	14.00	-9,999.00	292.01	6.66
18	PASS	-67.15	16,000,079.96	5.00	15.23	1.08	2.03	48.65	529.82	0.94	2.54	13.34	-9,999.00	321.16	5.95
19	PASS	-64.91	16,000,086.24	5.39	17.31	1.03	1.99	49.73	519.68	2.24	2.75	13.78	-9,999.00	288.74	5.86
20	PASS	-77.84	16,000,014.85	0.93	15.45	1.06	2.15	45.98	494.32	2.24	1.80	14.05	-9,999.00	299.09	6.31
21	PASS	-68.54	16,000,060.53	3.78	13.28	1.05	2.03	48.64	513.81	0.59	2.50	12.07	-9,999.00	368.24	5.98
22	PASS	-71.74	16,000,079.82	4.99	13.06	1.03	2.11	46.88	487.44	0.75	1.91	11.40	-9,999.00	360.95	6.22
23	PASS	-65.88	16,000,068.35	4.27	16.87	1.05	1.99	49.85	527.97	1.96	2.77	13.66	-9,999.00	297.11	5.83
24	PASS	-67.25	16,000,049.68	3.10	16.39	1.04	1.99	49.81	525.20	0.71	2.74	14.10	-9,999.00	305.46	5.84
25	PASS	-65.20	16,000,072.43	4.53	17.80	1.05	1.98	49.98	532.42	1.42	2.81	15.11	-9,999.00	282.25	5.81

FL 的过程能力

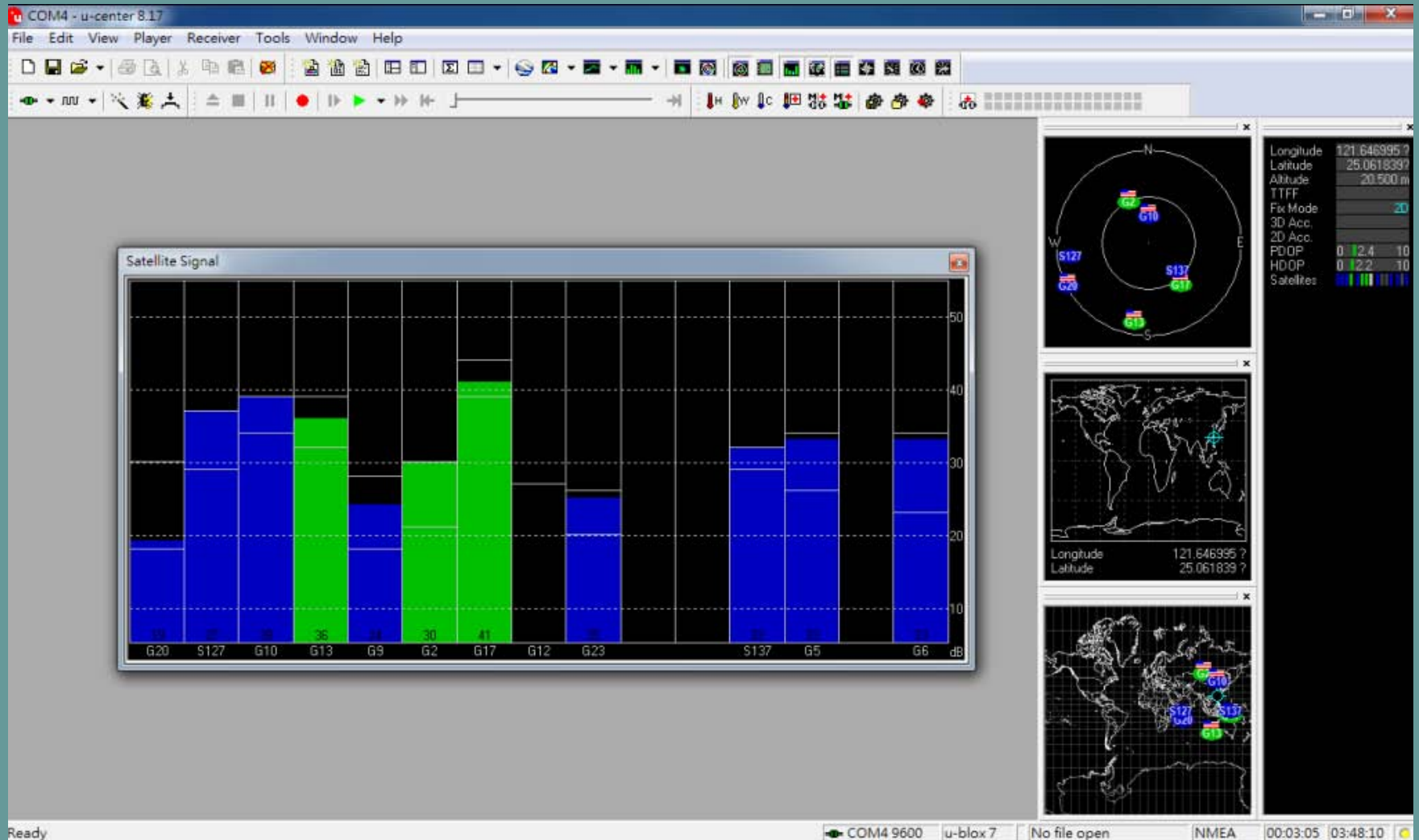


RR 的过程能力

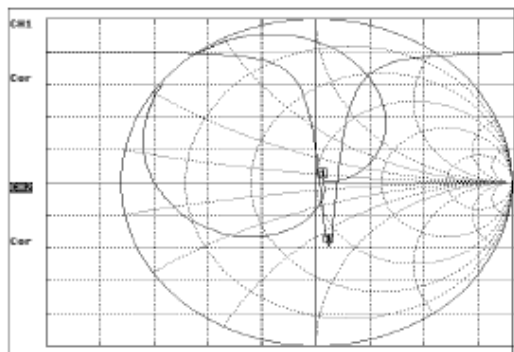


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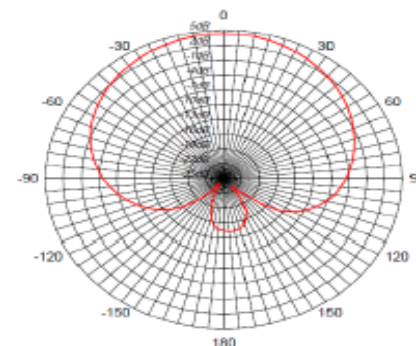
Function Test (2) — GPS Module & Receiver



1.1 Impedance Characteristic

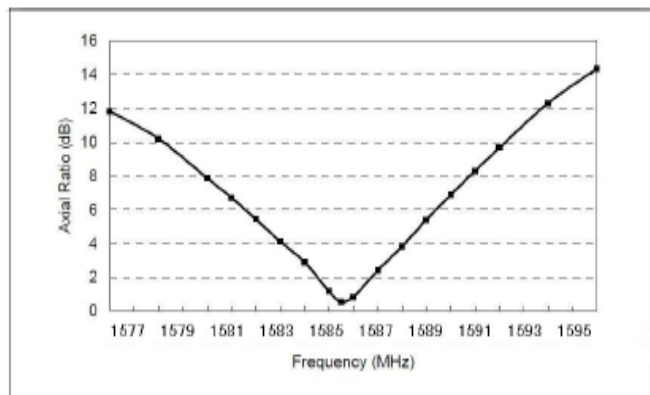


1.2 The Normalized Antenna Gain Chart



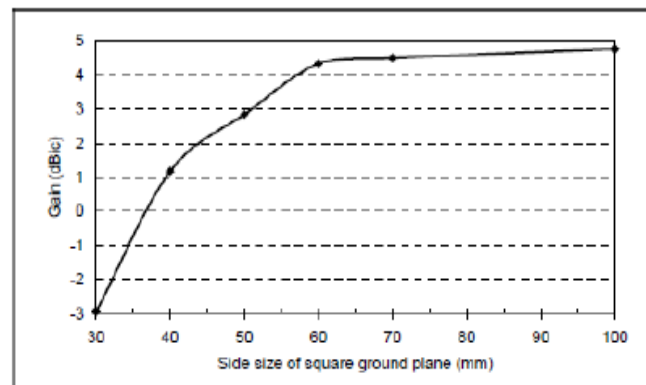
1.3 Measured Axial Ratio

(For Example: 1585MHz, 70mm square ground plane)



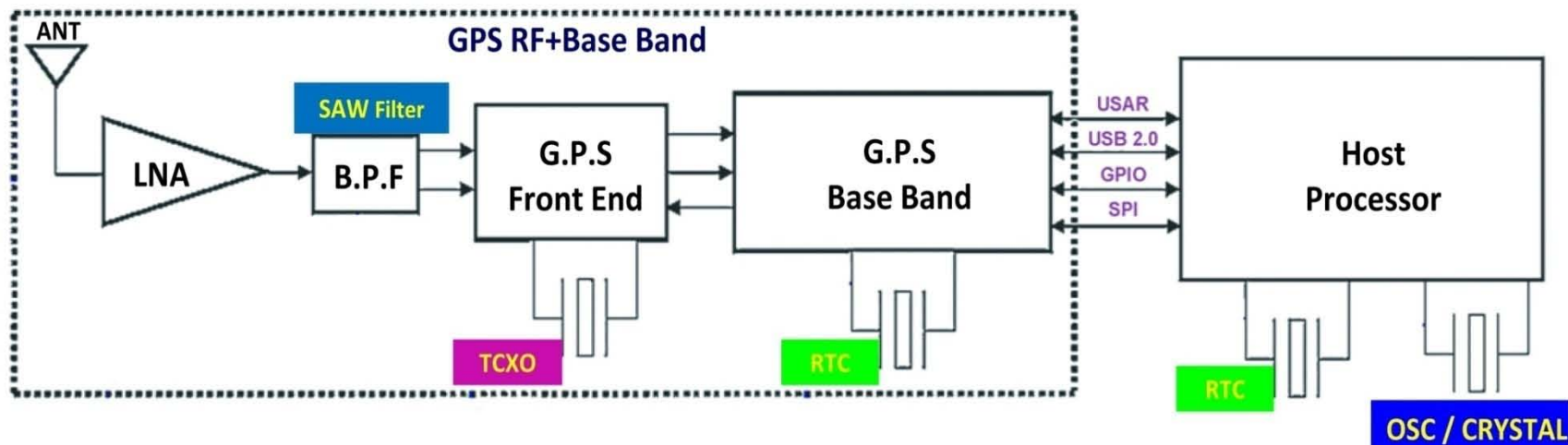
1.4 Antenna Gain vs. Ground Plane

(For Example: 1585MHz)



GPS 元器件 (GPS Products)

☆ GPS 頻率元器件 (GPS Frequency Products)



YIC Offer	Frequency	Tolerance	Dimensions (mm, LxWxH)
SAW Filter	1575.42MHz	1574.42 ~ 1576.42MHz Pass bandwidth	1.4x1.1x0.7 , 2.0x1.6x0.8
TCXO	16.367667, 16.368, 16.369, 26 MHz	±0.5ppm	3.2x2.5x1.1 , 2.5x2.0x1.0 , 2.0x1.6x0.8
RTC	32.768KHz	±20ppm , ±10ppm	MC-146 , FC-135, SM-26B
OSC	12.000 ~ 48.000MHz	±50ppm , ±30ppm , ±20ppm	7.0x5.0x1.5 , 5.0x3.2x1.3 , 3.2x2.5x1.5
CRYSTAL		±30ppm , ±20ppm, ±10ppm	5.0x3.2x1.0 , 3.2x2.5x0.7

YUECHUNG INTERNATIONAL CORP.

TEL : 886-2-2698-2191 FAX : 886-2-2698-2192 / 2698-2193

E-mail: service@yic.com.tw

YUECHUNG ELECTRONICS(SHENZHEN) CO.,LTD.

TEL :86-755-8204-4536 FAX :86-755-8204-4415

E-mail: service_sz@yic.com.tw

URL: <http://www.yic.com.tw>

YIC

Cross Reference Of Piezoelectric Ceramic Type

YIC P/N	MURATA P/N
JT10.7MS	CDA10.7MS
CDE455C28/3/32	CDE455C28/3/32
LT450/455 ()U	CFU450/455 ()
LTE450/455 ()U	CFUE450/455 ()
LT450/455 ()W	CFW450/455 ()
LTE450/455 ()W	CFWE450/455 ()
CPWE455D/H/F	CPWE455D/H/F
ZTA12.01MX-50.00MX	CSA12.01MX-50.00MX
ZTA2.00MX-5.00MX	CSA2.00MX-5.00MX
ZTA5.01MX-12.00MX	CSA5.01MX-12.00MX
ZTE200D-1250J	CSE200D-1250J
ZTT(A)CC2.0MX-8.0MX	CST(A)CC2.0MX-8.0MX
ZTT(A)CR4.0MX-8.0MX	CST(A)CR4.0MX-8.0MX
ZTT(A)CS(CV)8.0MX-50.00MX	CST(A)CS(CV)8.0MX-50.00MX
ZTT(A)CW20.0MX-50.00MX	CST(A)CW20.0MX-50.00MX
ZTT2.00MX-5.00MX	CST2.00MX-5.00MX
ZTT12.01MX-50.00MX	CST12.01-50.00MX
ZTT5.01MX-12.01MX	CST5.01MX-12.01MX
LT(CA/CV/CS)10.7MA5	SFE(CA/CV/CS)10.7MA5
LT(CA/CV/CS)10.7MA5A10	SFE(CA/CV/CS)10.7MA5A10
LT(CA/CV/CS)10.7MS2	SFE(CA/CV/CS)10.7MS2
LT(CA/CV/CS)10.7MS3	SFE(CA/CV/CS)10.7MS3
LT10.7MJ	SFE10.7MJ
SFE4.5/5.5/6.0/6.5MB	SFE4.5/5.5/6.0/6.5MB
SFSH4.5/5.5/6.0/6.5MDB	SFSH(L)4.5/5.5/6.0/6.5MDB
SFSH4.5/5.5/6.0/6.5MCB	SFSH(L)4.5/5.5/6.0/6.5MCB
SFU465B	SFU465B
SFU455B	SFU455B
XT4.5/5.5/6.0/6.5MB	TPS4.5/5.5/6.0/6.5MB
XT6.65MX	TPWA01B
XT5.65MX	TPWA02B
XT5.60MX	TPWA03B
XT5.57MX	TPWA04B
XT4.60MX	TPWA05B
XT4.47MX	TPWA06B

YIC

Cross Reference Of Crystal Unit

	YIC	Epson Toyocom	FOX	KDS	Citizen	TXC	Micro Crystal
K	DT26	C002R	NC26	DT26	CFS206	---	---
	DT38	C001R	NC38	DT38	CFS308	---	---
	SM26B	---	NC26SM	SM26F	CMR200TB/CMJ206T	---	MS1V
HZ	SM14J	---	---	SM14J	CMJ145T	---	MS2V
	MC146	MC146	FSX	---	CM130	---	MS3V
	MC306	MC306	FSR	DMX26S	CM200S	---	---
	XT214	FA-128	FX216	DSX211	---	8Y	---
	XT224	FA-20H	FX252/FXA2520	DSX221	---	8Z	---
	XT324	TSX3225/FA23A/FA238	FX325	DSX321	CS325	7M	---
	XT424	TSX4025	FX425	DSX421	---	---	---
	XT534	TSX5032	FX532	DSX531	CS5032H	7B	---
	XT634	TSX6035/FA365	FQ6035	DSX630	CS10	6V	---
■	XT754	TSX7050	FQ7050/PD	---	---	6P	---
	AT26	---	---	---	---	---	---
	AT38	CA301	FX-3	AT38	CSA309	---	---
HZ	AT39	CA301	FX-3	AT38	CSA309	---	---
	AT310	CA301	FX-3	AT38	CSA310	---	---
	SM26B	---	---	---	---	---	---
	49U	---	HC49U	HC-49U	---	9A	---
	49US	---	HC49S	AT49	HC49US	9B	---
	49SL	---	HC49SS	---	---	---	---
	49SMT	---	HC49SD	SMD-49	HCM49	9C	---
	49SLMT	---	HC49SSD	---	---	---	---

YIC

Production In Yantai China Factory (1) – Office



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Production In Yantai China Factory (2) – Fine Tune



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Production In Yantai China Factory (3) – Testing



YIC

Production In Yantai China Factory (4) — Packing



YIC

Facilities

NO	NAME	SPECIFICATION
1.	CRYSTAL BLANKS WASHING MACHINE (ULTRASONIC WAVE)	H66MC-WUXI ULTRASONIC
2.	QUARTZ CRYSTALS POINTSPASTER MACHINE	CZB7512-GUOXING
3.	FINE TUNING MACHINE FOR QUARTZ CRYSTALS	GT2010-QUANFANG
4.	COATING MACHINE FOR QUARTZ CRYSTALS	GT3000-QUAAFANG
5.	QUARTZ CRYSTAL IMPEDANCE TESTING MACHINE	CZ150-CEZHIBAO
6.	MICROCOMPUTER SEALING WELDING MACHINE	DRF3000C-GREAT DRAGON
7.	AUTOMATIC LEAKAGE TESTING MACHINE FOR QUARTZ CRYSTALS	JL100A-SANHO
8.	CRYSTALS AGING DRYING OVEN	DGG101-2-TIANYU
9.	NETWORK ANALYZER	KH1200-KOLINLER
10.	AUTOMATIC CRYSTALS TESTING MACHINE	FX803A-SANHO
11.	NETWORK ANALYZER	250B-S&A
12.	LASER MARKING MACHINE	JBj-LIC-DAHENG-
13.	TEST & SORT SYSTEM	350D-S&A

裕中企業股份有限公司

Crystal(49U,US)Production Procedure



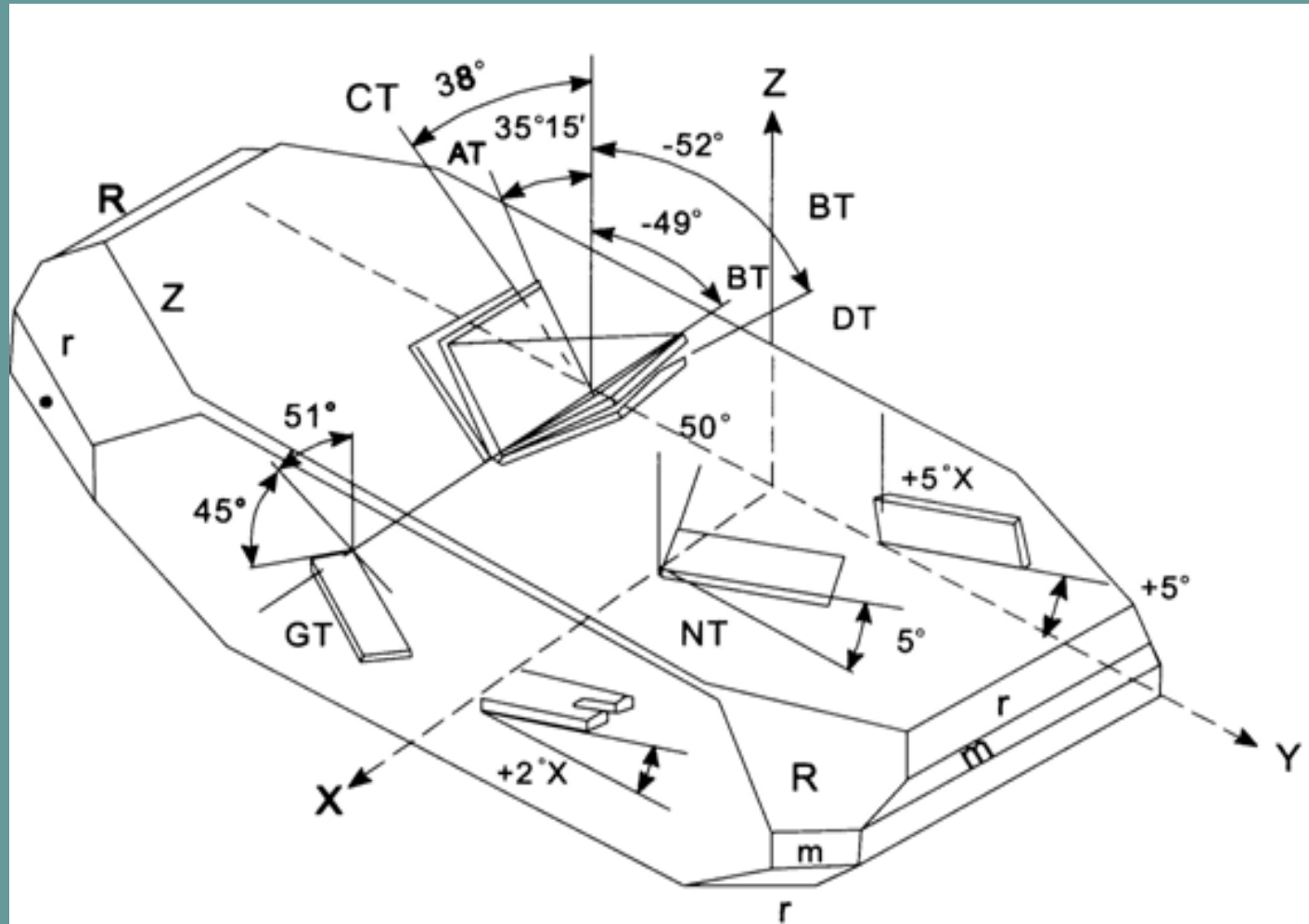


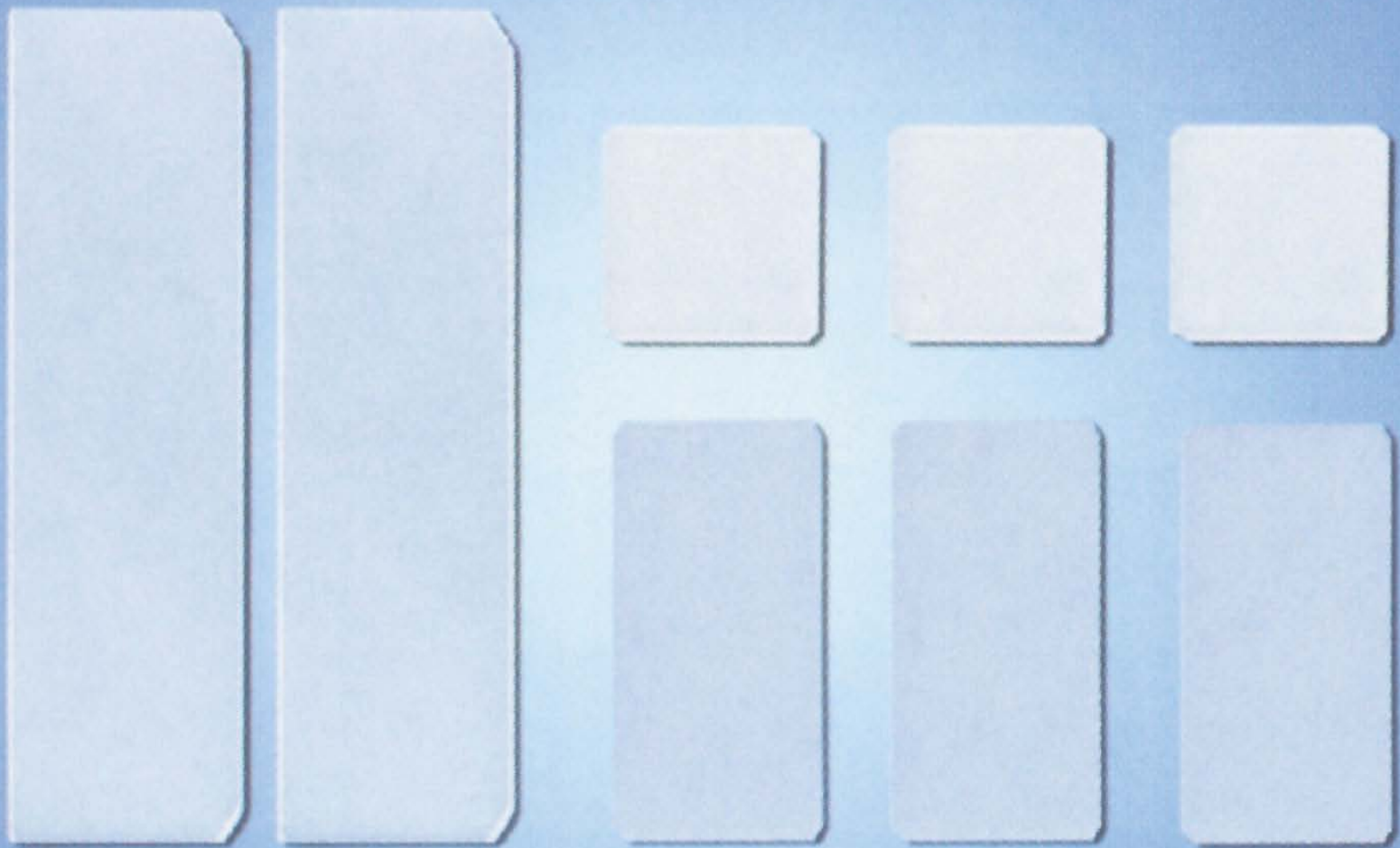
Crystal Bar

<http://www.yic.com.tw>

YIC

Bar Cutting



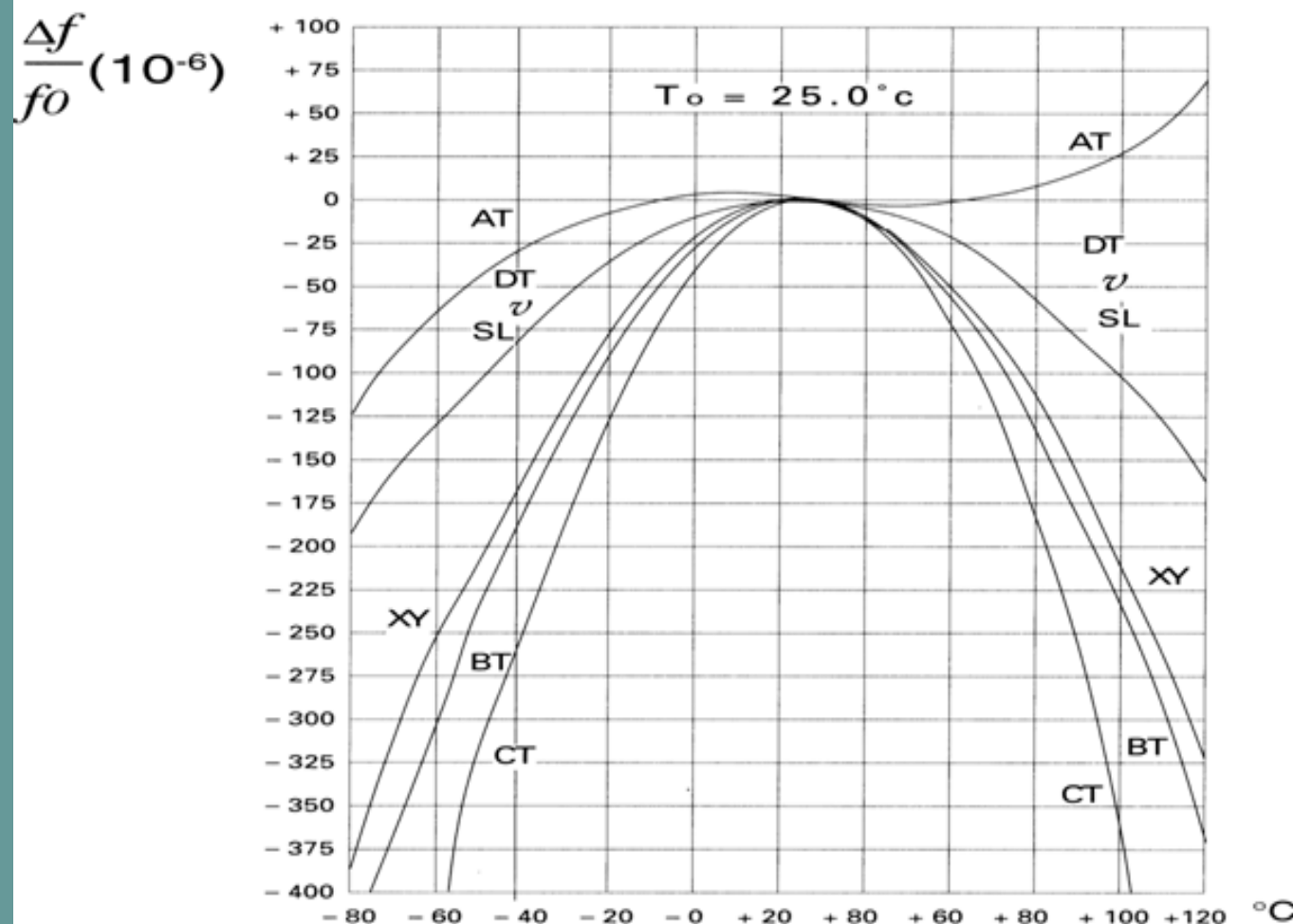


 wafers & blanks

<http://www.yic.com.tw>

YIC

Temperature Vs. PPM



ADVANTAGE OF YIC (YIC的優勢) 1 OF 2

(Q L O T)

1. Quality(品質保證):

- **20餘年頻率元件產銷經驗;爲最早的陶瓷頻率元件之台灣品牌.**
20 more years FCP producing and marketing experience; The first company offer Taiwan brand ceramic piezoelectric frequency component.
- **爲台灣石英晶體產業協會監事公司.**
Supervisor member company of QIAT(Quartz Industries Association of Taiwan)
- **製程由晶棒開始,確保質量可靠度與價格優勢.**
Production beginning from Crystal Bar to make sure good quality, reliability & pricing.
- **與多家主芯片廠、方案公司,及各大電子廠長期合作.**
Long term relationship with several core chip factories、solution providers and major OEM manufacturers.

2. Logistic(滿足不同交貨方式):

- **全球指定地點交貨.**
Global Delivery.
- **大陸17%增值稅票.**
Offer 17% invoice in china.

ADVANTAGE OF YIC (YIC的優勢) 2 OF 2

(Q L O T)

3. One-stop solution(頻率元件,一次購齊):

- 產品含陶瓷振盪、濾波、鑑頻、陷波器,石英型與聲表面波型,超過2,000餘款.
More than two thousand items, include ceramic resonator、filter、discriminator、trap、quartz crystal, crystal oscillator, MCF and SAW.

4. Technical(技術服務):

- 48小時內免費完成客戶PCBA之頻率調校,確保最佳可靠度產品送達終端客戶.
Free PCBA frequency adjustment within 48 hours to assure the best reliable products to deliver to end-customers.
- 協助客戶研發、採購人員諮詢、設計與解決任何有關振盪器迴路與GPS相關問題.
Assist customer's R/D and purchasing to design and solve the oscillation circuit & GPS related problem.