



成为国际一流的时钟频率器件服务商

BUILDING WORLD-CLASS TIMING SOLUTIONS

📄 产品手册

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🌐 WWW.YXC.HK



40+ 年时钟频率器件行业经验

100+ 国家及地区服务用户

10万+ m² 创新产品研发基地

About YXC

关于YXC



深圳扬兴科技有限公司(下面简称: YXC), 自2010年成立以来, 一直专注于时钟频率器件的研发、生产和销售, 是业界领先的半导体高新技术企业。

公司主营产品包括晶振、可编程振荡器、(VC) TCXO、三级钟、锁相环芯片以及实时时钟芯片等。研发产品通过了AEC-Q200、IATF16949车用体系认证及ISO14001环境管理体系、ISO9001质量管理等体系认证, 全频率产品生态链广泛应用于车载、通信、工业、医疗和军工等领域。

近年来, 公司不断加大对时钟芯片、MEMS及高稳晶振的研发投入, 汇聚了一批来自海内外的行业高端人才, 先后成立了台湾半导体研发中心、华南频率器件生产中心和高性能MEMS时钟芯片工程技术研究中心, 成为国内首家可编程晶振厂商, 并获得国家级专精特新小巨人、绿色工厂等荣誉称号。

YXC秉承着“赋予科技生命力, 携手伙伴共富足”的使命, 以“成为国际一流的时钟频率器件服务商”为愿景, 坚持技术创新和价值创造, 为成就全球客户的卓越贡献自己的力量。

Crystal Resonator 无源晶振/谐振器

kHz Crystal
32.768kHz表晶



32.768kHz
1610-8038

MHz Crystal
MHz晶体



49型/SMD贴片式
3.2768MHz~96MHz

Thermistor Crystal
热敏晶体



优异的频率温度特性
2016/2520

Crystal Oscillator 有源晶振/振荡器

SPXO
普通振荡器



CMOS Output
32.768kHz, 1MHz ~ 125MHz

(VC)TCXO
(压控)温补振荡器



$\pm 0.1\text{ppm} \sim \pm 2.5\text{ppm}$
超高精度, 温度补偿电路

Programmable XO
可编程振荡器



200K~2100MHz
超高频, 灵活定制, 快速交付

Differential XO
差分振荡器



LVDS/ LVPECL/HSDL/CML Output
30fs 超低抖动

VCXO
压控振荡器



精确的调谐频率
优异的相位噪声

OCXO
恒温振荡器



$\pm 0.01\text{ppb}$ (available) 频率稳定度
超低相噪&老化率、优异的短稳&抗振特性

Clock Chip 时钟芯片

RTC Chip
实时时钟芯片



分高式RTC
外接kHz晶体, 高性价比

RTC Module
实时时钟模块



内置32.768kHz晶体
低功耗、高精度、小尺寸

Clock Buffer/Generator
时钟缓冲器/时钟发生器



精准时钟输出、灵活配置
多通道输出、简化设计

YXC Programmable OSC

YXC石英可编程晶振



高频范围·任意定制

- » 1MHz~2100MHz范围内(精确至小数点后六位), 任意频点选择定制



快速交付·灵活供应

- » 样品**2秒出样**, 可灵活调整设计
- » 批量最快一周可交付, 备货更灵活



卓越性能·极致可选

- » 超高精度 $\pm 2.5\text{PPM}$ (min.)
- » 超低抖动150fs (min.)
- » 超宽温区 $-40\sim +125^\circ\text{C}$ (max.)



品类齐全·一站选购

- » 涵盖SPXO/VCXO/VC-TCXO/TCXO
- » 覆盖2016~7050封装
- » 提供CMOS/LVDS/LVPECL/HCSL/CML输出方式

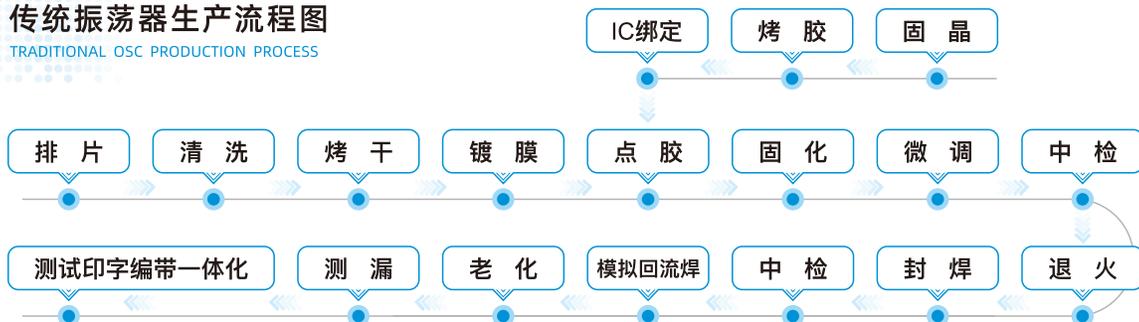
石英可编程生产流程图

PROGRAMMABLE OSC PRODUCTION PROCESS



传统振荡器生产流程图

TRADITIONAL OSC PRODUCTION PROCESS



32.768kHz Tuning Fork Quartz Crystals (32.768KHz 石英晶体谐振器)

Series	Package Size [mm]	Frequency	Load Capacitance	Features
YT-26 	2.0*6.0	32.768 kHz	12.5 pF	高性价比 Cost-effective solution
YT-38 	3.0*8.0	32.768 kHz	12.5 pF	高性价比 Cost-effective solution
推荐! YSX1610SK 	1.6*1.0*0.5	32.768 kHz	7, 9, 12.5 pF, or specify	贴片式金属封装 Seam sealed metal SMD package
推荐! YSX2012SK 	2.0*1.2*0.6	32.768 kHz	7, 9, 12.5 pF, or specify	贴片式金属封装 Seam sealed metal SMD package
热销! YST310S 	3.2*1.5*0.8	32.768 kHz	7, 9, 12.5 pF, or specify	贴片式金属封装 Seam sealed metal SMD package
YSX146GA 	7.0*1.5*1.5	32.768 kHz	7, 9, 12.5 pF, or specify	/
YSX306GA 	8.0*3.8*2.6	32.768 kHz	7, 9, 12.5 pF, or specify	/

MHZ Quartz Crystals (MHZ 石英晶体谐振器)

Series	Package Size [mm]	Frequency Range	Load Capacitance	Features
HC-49US 	11.5*4.5*3.5	3.2768 ~ 32 MHz	7 to 22 pF or specify	/
HC-49SMD 	11.4*4.8*3.8	3.2768 ~ 32 MHz	7 to 22 pF or specify	/
HC-49XSMD 	6.1*4.0*2.3	8 ~ 50 MHz	7 to 22 pF or specify	/
YSX1210SL 	1.2*1.0*0.4	32 ~ 60 MHz	6 to 22 pF or specify	超小超薄 Ultra miniature
YSX1612SL 	1.6*1.2*0.4	24 ~ 60 MHz	6 to 22 pF or specify	超小超薄 Ultra miniature
热销! YSX211SL 	2.0*1.6*0.5	16 ~ 54, or 96 MHz	6 to 22 pF or specify	超小超薄 Ultra miniature
YSX221SL 	2.5*2.0*0.6	12 ~ 54 MHz	7 to 22 pF or specify	贴片式金属封装 Seam sealed metal SMD package
热销! YSX321SL 	3.2*2.5*0.7	8 ~ 64 MHz	7 to 22 pF or specify	贴片式金属封装 Seam sealed metal SMD package
YSX531SL 	5.0*3.2*0.9	8 ~ 54 MHz	7 to 22 pF or specify	贴片式金属封装 Seam sealed metal SMD package
YSX530GA 	5.0*3.2*1.2	8 ~ 54 MHz	7 to 22 pF or specify	贴片式陶瓷封装 Seam sealed ceramic SMD package
YSX211TS 	2.0*1.6*0.7	19.2, 38.4, 76.8 MHz, or specify	7 to 22 pF or specify	出色的频率稳定性 Excellent frequency stability over temperature
YSX221TS 	2.5*2.0*1.0	19.2, 38.4, 76.8 MHz, or specify	7 to 22 pF or specify	出色的频率稳定性 Excellent frequency stability over temperature

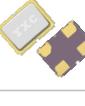
Automotive Grade Quartz Crystals (汽车级晶体谐振器)

Series	Package Size [mm]	Frequency Range	Load Capacitance	Features
YSX1612SC 	1.6*1.2*0.4	24 ~ 60MHz	6 to 22 pF or specify	AEC-Q200 & IATF 16949
YSX211SC 	2.0*1.6*0.5	16 ~ 72MHz	6 to 22 pF or specify	AEC-Q200 & IATF 16949
YSX221SC 	2.5*2.0*0.6	12 ~ 80MHz	6 to 22 pF or specify	AEC-Q200 & IATF 16949
热销! YSX321SC 	3.2*2.5*0.7	8 ~ 66MHz	6 to 22 pF or specify	AEC-Q200 & IATF 16949
YSX531SC 	5.0*3.2*0.9	7.6 ~ 54MHz	6 to 22 pF or specify	AEC-Q200 & IATF 16949
YSX530SC 	5.0*3.2*0.9	7.6 ~ 54MHz	6 to 22 pF or specify	AEC-Q200 & IATF 16949
YSX532GC 	5.0*3.2*1.2	12 ~ 48MHz	6 to 22 pF or specify	AEC-Q200 & IATF 16949

SPXO-CMOS Output (CMOS晶体振荡器)

Series	Package Size [mm]	Frequency Range	Supply Voltage	Features
热销! YSO110TR 	1.6*1.2*0.8 2.0*1.6*0.8 2.5*2.0*0.9 3.2*2.5*1.0 5.0*3.2*1.2 7.0*5.0*1.4	1 ~ 125 MHz, or specify	1.8 to 3.3V CMOS	高可靠性 High reliability OSC
YSO120TK 	1.6*1.2*0.8 2.0*1.6*0.8 2.5*2.0*0.9 3.2*2.5*1.0 5.0*3.2*1.2 7.0*5.0*1.4	32.768 kHz	1.8 to 3.3V CMOS	32.768kHz OSC
YSO130HR 	3.2*2.5*1.0 5.0*3.2*1.2 7.0*5.0*1.4	1 ~ 100 MHz, or specify	5V CMOS	高可靠性 High reliability OSC
热销! YSO131LR 	1.6*1.2*0.6 2.0*1.6*0.8 2.5*2.0*0.9 3.2*2.5*1.0	8 ~ 50 MHz, or specify	1.2V(typ.) 0.8 to 2.0V CMOS	低电压 1.2V(typ.), 0.8~2.0V 低功耗: 1mA (min.) Low Voltage Osc. 1.2V(typ.), 0.8~2.0V, Low current consumption: 1mA (min.)
YSO150HT 	1.6*1.2*0.8 2.0*1.6*0.8 2.5*2.0*0.9 3.2*2.5*1.0	1 ~ 125 MHz, or specify	1.8 to 3.3V CMOS	宽温: -40 to +125°C Wide temperature range: up to -40 to +125°C
热销! YSO690PR 	2.0*1.6*0.8 2.5*2.0*0.9 3.2*2.5*1.0 5.0*3.2*1.2 7.0*5.0*1.4	1 ~ 200 MHz	1.8/ 2.5/ 3.3V CMOS	宽频率范围、快速交付 Wide frequency range available Fast delivery
YSO691ER 	5.0*3.2*1.8 7.0*5.0*1.8	1 ~ 200 MHz	1.8/ 2.5/ 3.3V CMOS	高性价比/高抗震性 Low cost solutions/Shock resistant

SSXO (EMI reduction) (展频晶体振荡器)

Series	Package Size [mm]	Frequency Range	Supply Voltage	Features
推荐! YSO171PS 	2.5*2.0*0.7 3.2*2.5*1.0	1~200 MHz	1.8 to 3.3V CMOS	展频方式多样: 中心展频或向下展频 多种展频调制宽度: ±0.125%~±2% Spread types: center spread or down spread Spread percentage: ±0.125%~±2%

Automotive Grade Quartz Oscillators (汽车级晶体振荡器)

Series	Package Size [mm]	Frequency Range	Supply Voltage	Features
 YSO140TC 	1.6*1.2*0.8 2.0*1.6*0.8 2.5*2.0*0.9 3.2*2.5*1.0 5.0*3.2*1.2 7.0*5.0*1.4	1 ~ 54MHz, or specify	1.8 to 3.3V CMOS	AEC-Q200 & IATF 16949

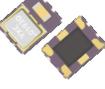
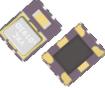
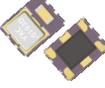
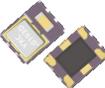
SPXO-Differential Output (差分晶体振荡器)

Series	Package Size [mm]	Frequency Range	Supply Voltage	Features
 YSO230LR 	2.5*2.0*1.1 3.2*2.5*1.2 5.0*3.2*1.3 7.0*5.0*1.6	13.5 ~ 200 MHZ	1.8/ 2.5/ 3.3V LVDS / LVPECL / HCSSL	超低抖动: 0.1ps (typ.) Low jitter: 0.1ps (typ.)
 YSO231LJ 	2.5*2.0*1.0 3.2*2.5*1.0 5.0*3.2*1.2 7.0*5.0*1.7	100 ~ 250 MHZ	1.8/ 2.5/ 3.3V LVDS / LVPECL / HCSSL	超低抖动r: 0.05ps (typ.) 总频差±25ppm@-40~85°C Ultra low jitter: 0.05ps (typ.) Total Stability±25ppm@-40~85°C
YSO233UJ 	2.5*2.0*0.9 3.2*2.5*0.8	100,125,155.52, 156.25,312.5MHz, or specify	1.8/ 2.5/ 3.3V LVDS / LVPECL / HCSSL	超低抖动: 0.03ps Typ. @156.25MHz 总频差±50ppm@-40~105°C Ultra low jitter: 0.03ps Typ. @156.25MHz Total Stability±50ppm@-40~105°C
 YSO212PU 可编程 	2.0*1.6*1.0 2.5*2.0*1.0 3.2*2.5*1.0	200KHz~ 1500 MHZ	1.8 / 2.5 / 3.3V LVDS / LVPECL / HCSSL / CML/HCSSL-LP/LVDS Boost	宽频率范围 超低抖动: 0.069 ps typ. @ 156.250 MHz Wide frequency range available Ultra low jitter: 0.069 ps typ. @ 156.250 MHz
YSO210PR 可编程 	5.0*3.2*1.2 7.0*5.0*1.6	10~1500MHZ	2.5/ 3.3V LVDS / LVPECL	总频差±50ppm@-40~85°C Wide frequency range available Fast delivery
YSO211PJ 可编程 	5.0*3.2*1.4 7.0*5.0*1.8	150~2100MHZ	1.8 / 2.5 / 3.3V LVDS / LVPECL / HCSSL / CML	宽频率范围 超低抖动: 0.159 ps typ. @ 156.250 MHz Wide frequency range available Ultra low jitter: 0.159 ps typ. @ 156.250 MHz

VCXO (压控晶体振荡器)

Series	Package Size [mm]	Frequency Range	Supply Voltage	Features
YSV310PR 可编程 	3.2*2.5*1.2 5.0*3.2*1.3 7.0*5.0*1.6	10~250MHz	2.5/ 3.3V CMOS	宽牵引范围: ±50ppm (min.) 超低抖动: 1.0 ps typ. Wide pull range: ±50ppm (min.) Low jitter: 1.0 ps typ.
YSV311PJ 可编程 	5.0*3.2*1.5 7.0*5.0*1.8	15~250MHz	1.8/ 2.5/ 3/ 3.3V CMOS	宽牵引范围: ± 200ppm 超低抖动: 0.159 ps typ. @156.25 MHz Wide pull range: ± 200ppm Ultra low jitter: 0.159 ps typ. @156.25 MHz
YSV220PR 可编程 	3.2*2.5*1.2 5.0*3.2*1.3 7.0*5.0*1.6	10~1500MHz	2.5/ 3.3V LVDS / LVPECL	宽频率范围、快速交付 Wide frequency range available Fast delivery
YSV221PJ 可编程 	5.0*3.2*1.5 7.0*5.0*1.8	15~2100MHz	1.8 / 2.5 / 3.3V LVDS / PECL / HCSSL / CML	宽牵引范围: ± 200ppm 超低抖动: 0.163 ps typ. @ 2000 MHz Wide pull range: ± 200 ppm Ultra low jitter: 0.163 ps typ. @ 2000 MHz

TCXO/VCTCXO (温度补偿晶体振荡器/压控温度补偿晶体振荡器)

Series	Package Size [mm]	Frequency Range	Supply Voltage	Features
热销! YSO510TP 	2.0*1.6*0.7 2.5*2.0*0.8 3.2*2.5*1.2 5.0*3.2*1.3 7.0*5.0*2.3	10 ~ 52 MHz	1.8/ 2.5/ 3/ 3.3V CMOS/ Clipped Sine Wave	高精度、高稳定性: ± 2.5 ppm (typ.), ± 0.28 ppm (available) Superior frequency stability: ± 2.5 ppm (typ.), ± 0.28 ppm (available)
YSO512ET 	5.0*3.2*1.6 7.0*5.0*2.1	10, 12, 12.8, 19.2, 20, 24.576, 25, 30, 32, 40, 48, 50MHz, or specify	1.8/ 2.5/ 3/ 3.3V CMOS/ Clipped Sine Wave	超高精度、高稳定性: ± 0.1 ppm (available) Ultra high precision: ± 0.1 ppm (available)
YSO511PJ 可编程 	3.2*2.5*1.6 7.0*5.0*2.6	10~250MHz	2.5/ 3.3V CMOS	宽频率范围、快速交付 高稳定性: ± 2.5 ppm (max.) Wide frequency range available/Fast delivery Superior frequency stability: ± 2.5 ppm (max.)
YSO250PT 可编程 	3.2*2.5*1.6 7.0*5.0*2.6	10~1500MHz	2.5/ 3.3V LVDS/ LVPECL	宽频率范围、快速交付 高稳定性: ± 2.5 ppm (max.) Wide frequency range available/Fast delivery Superior frequency stability: ± 2.5 ppm (max.)
YSO251PJ 可编程 	3.2*2.5*1.6 5.0*3.2*1.4	15~2100 MHz	1.8/ 2.5/ 3.3V PECL/ LVDS/ HCSSL/ CML	宽频率范围、快速交付 超低抖动: 0.25 ps typ. @1200 MHz Wide frequency range available/Fast delivery Ultra low jitter: 0.25 ps typ. @ 1200 MHz
推荐! YSV350TP 	2.0*1.6*0.7 2.5*2.0*0.8 3.2*2.5*1.0 5.0*3.2*1.2 7.0*5.0*2.3	6.4 ~ 60MHz, or specify	1.8/ 2.5/ 3/ 3.3V CMOS/ Clipped Sine Wave	低功耗: 6mA 高稳定性 ± 0.5 ppm (available) Superior frequency stability: ± 0.5 ppm (available)
YSV531PT 可编程 	3.2*2.5*1.6 7.0*5.0*2.6	10~250MHz	2.5/ 3.3V CMOS	宽频率范围、快速交付 高稳定性: ± 2.5 ppm (max.) Wide frequency range available/Fast delivery Superior frequency stability: ± 2.5 ppm (max.)
YSV322PT 可编程 	3.2*2.5*1.6 7.0*5.0*2.6	10~1500MHz	2.5/ 3.3V LVDS/ PECL	宽频率范围、快速交付 高稳定性: ± 2.5 ppm (max.) Wide frequency range available/Fast delivery Superior frequency stability: ± 2.5 ppm (max.)

Real-Time Clock(实时时钟芯片)

Series	Package Size [mm]	Power consumption (μ A)	Stability	Features
推荐! YSN8563 	SOP-8 TSSOP-8 MSOP-8	0.9 μ A(typ.)	/	外置晶体 External crystal 高性价比 Cost-effective
YSN8025 	SOP-14	1 μ A(typ.)	± 3.4 ppm@-40°C ~ +85°C	built-in 32khz Crystal 推荐用于电表 Recommended for Electricity Meters
热销! YSN8130 	3.2*2.5*1.0	0.9 μ A(typ.)	5 \pm 23ppm@25°C	built-in 32khz Crystal 小型化,备用电源,低功耗 Miniaturization; Backup power supply; low power
推荐! YSN8010 	SOP-8	1 μ A(typ.)	± 20 ppm@-20°C ~ +70°C ± 50 ppm@-40°C ~ +85°C	built-in 32khz Crystal 推荐用于消费类电子 Recommended for Consumer Electronics
YSN8111 	3.2*2.5*1.0	0.25 μ A(typ.)	± 11.5 ppm @ 25°C	built-in 32khz Crystal 备用电源,超低功耗 Backup power supply; Ultra-low power
推荐! YSN8900 	3.2*2.5*1.0	0.55 μ A(typ.)	± 3.4 ppm or ± 5 ppm @ -40°C ~ +85°C Ext. ± 8 ppm@ +85°C ~ +105°C	built-in 32khz Crystal 备用电源,超低功耗, 超高精度补偿 Backup power supply; Ultra-low power; Ultra-high precision compensation

Oven Controlled Crystal Oscillator (恒温晶体振荡器)

Series	Package Size [mm]	Frequency Range	Supply Voltage	Features
YOV0907SM 	9.7*7.5*3.9	10~100MHz	3.3V、5V CMOS	超小尺寸 Ultra miniature
YOV1409SM 	14.4*9.5*6.5	10~100MHz	3.3V、5V CMOS/ Sine Wave	超小尺寸 Ultra miniature
YOV2020DP 	20.2*20.2*10.0	5~100MHz	3V、5V CMOS/ Sine Wave	超高稳定性 $\leq\pm 0.5$ ppb (min.) Ultra high stability: ± 0.5 ppb (min.)
		5~100MHz	3.3V、5V CMOS/ Sine Wave	全国产材料 Domestic materials
YOV2522SM 	25.4*22.0*12.0	5~100MHz	3.3V、5V CMOS/ Sine Wave	超高稳定性 $\leq\pm 0.2$ ppb (min.) Ultra high stability: ± 0.2 ppb (min.)
		5~10MHz	12V Sine Wave	高稳定性: ± 0.5 ppb (min.) 秒稳 $\leq 1.5E-13$ (1s) 1Hz offsets ≤ -120 dBc/Hz@10MHz Superior frequency stability: ± 0.5 ppb (min.) 1s Allans $\leq 1.5E-13$ 1Hz offsets ≤ -120 dBc/Hz@10MHz
YOV2525DP 	25.4*25.4*13.0	80~120MHz	3.3V、5V、12V CMOS/ Sine Wave	超低相噪(Ultra-low phase noise) 1KHz offset ≤ -165 dBc/Hz 1MHz offset ≤ -185 dBc/Hz
		5~100MHz	3.3V、5V、12V CMOS/ Sine Wave	超高稳定性 $\leq\pm 0.2$ ppb (min.) Ultra high stability: ± 0.2 ppb (min.)
		5~100MHz	3.3V、5V、12V CMOS/ Sine Wave	全国产材料 Domestic materials
YOV3627DP 	36.2*27.2*13.5	80~120MHz	3.3V、5V、12V CMOS/ Sine Wave	超低相噪(Ultra-low phase noise) 1KHz offset ≤ -165 dBc/Hz 1MHz offset ≤ -185 dBc/Hz
		5~10MHz	12V Sine Wave	高稳定性: ± 0.5 ppb (min.) 秒稳 $\leq 1.5E-13$ (1s) 1Hz offsets ≤ -120 dBc/Hz@10MHz Superior frequency stability: ± 0.5 ppb (min.) 1s Allans $\leq 1.5E-13$ 1Hz offsets ≤ -120 dBc/Hz@10MHz
		5~100MHz	3.3V、5V、12V CMOS/ Sine Wave	超高稳定性: ± 0.1 ppb (min.) Ultra high stability: ± 0.1 ppb (min.)
		5~100MHz	3.3V、5V、12V CMOS/ Sine Wave	全国产材料 Domestic materials
YOV5050DP 	50.8*50.8*19	5~10MHz	12V Sine Wave	高稳定性: ± 0.5 ppb (min.) 秒稳 $\leq 1.5E-13$ (1s) 1Hz offsets ≤ -120 dBc/Hz@10MHz Superior frequency stability: ± 0.5 ppb (min.) 1s Allans $\leq 1.5E-13$ 1Hz offsets ≤ -120 dBc/Hz@10MHz
		5~200MHz	5V、12V CMOS/ Sine Wave	超高稳定性: ± 0.01 ppb (min.) Ultra high stability: ± 0.01 ppb (min.)

Ordering Guide

订购指南

Company (公司名) _____

Name (联系人) _____ Date (日期) _____

Phone (电话) _____ Email (邮件) _____

Fax (传真) _____

石英晶体谐振器

Crystal Resonator

Frequency (频率) _____ MHz/kHz Quantity (需求量) _____

Package (封装) 5x3.2 3.2x2.5 2.5x2.0 2.0x1.6 1.6x1.2 1.6x1.0 1.2x1.0

5x3.2G 8.0x3.8 3.2x1.5 2.0x1.2 49SMD 49/S Mc146

2x6 3x8

Load Capacitance (负载电容) _____ PF (负载)

Resistance ESR (晶体阻抗) _____ Max

Frequency Tolerance@25°C (调整频差) _____ PPM

Frequency Stability (温度频差) _____ PPM

Operating Temperature Range (工作温度) _____ °C ~ + _____ °C

晶体振荡器

Crystal Oscillator

Frequency (频率) _____ MHz/kHz Quantity (需求量) _____

Mode (类别) OSC VCXO TCXO OCXO VCTCXO SSXO(展频)

Type (型号) 7x5 5x3.2 3.2x2.5 2.5x2.0 2.0x1.6 1.6x1.2

9.7x7.5 14x9.0 20x12 20x20 25x22 25x25

36x27 50x50

Output Type (输出模式)

CMOS LVPECL LVDS HCSL CML Clipped Sine Wave Sine Wave

Frequency Stability (频率稳定) _____ ppm/ppb

Operating Temperature (工作温度) _____ °C ~ + _____ °C

Supply Voltage (工作电压) _____ Vdc Supply Current (电流) _____ mA

SSXO: Spread type (展频方式): 向下展频 中心展频

Spread Percentage (展频宽度) _____

VCXO&VCTCXO: Control Voltage (控制电压) _____ v Pullability (牵引值) _____ ppm

Cooperative Partner

合作伙伴



扬兴（深圳）总部

YANGXING HEADQUARTER

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