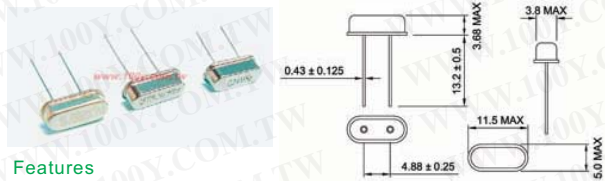


# Timing Function IC

## TXC HC-49 Crystal

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

Part No.	Product No.	Manufacturer	Description	Frequency (MHz)	±ppm	Load capacitance (pF)	Can Style
23181	XTAL-13.500M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	13.500MHz	+/-30ppm	18pF	HC-49/SMD
23182	XTAL-13.824M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	13.824MHz	+/-30ppm	20pF	HC-49/SMD
23183	XTAL-14.31818M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	14.31818MHz	+/-30ppm		HC-49/SMD
23186	XTAL-14.318M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	14.318MHz	+/-30ppm	16pF	HC-49/SMD
23189	XTAL-20.000M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	20.000MHz	+/-30ppm	18pF	HC-49/SMD
23195	XTAL-24.000M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	24.000MHz	+/-30ppm	20pF	HC-49/SMD
23194	XTAL-24.576M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	24.576MHz	+/-30ppm	16pF	HC-49/SMD
23197	XTAL-25.000M-SMD	TXC	QUARTZ CRYSTAL	25.000MHz	+/-30ppm	20pF	HC-49/SMD
23200	XTAL-27.000M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	27.000MHz	+/-30ppm	20pF	HC-49/SMD
23203	XTAL-28.636M-49S/SMD	TXC	QUARTZ CRYSTAL UNIT	28.636MHz	+/-30ppm	30pF	HC-49S/SMD
23206	XTAL-30.000M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	30.000MHz	+/-30ppm	20pF	HC-49/SMD
23213	XTAL-4.000M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	4.000MHz	+/-30ppm	20pF	HC-49/SMD
18822	XTAL-4.433618M-49/SMD	TXC	SMD Quartz Crystal	4.433618MHz	30ppm	20pF	HC-49/SMD
23215	XTAL-6.000M-49/SMD	TXC	QUARTZ CRYSTAL UNIT	6.000MHz	+/-30ppm	20pF	HC-49/SMD



### Features

- Resistance welded type crystal units.
- A great number of standard frequencies .
- High frequency pullability and low equivalent series resistance.
- Lower cost and highly mass production capacity.
- The best choice of PC, STB, LCDM, and Cable Modem.

Item / Type	9B
Frequency Range	3.2 ~ 90 Mhz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify
Operating Temperature Range	-10 ~ +60 °C, or specify
Shunt Capacitance (C0)	7 pF Max.
Drive Level	1 ~ 500 µW (100 µW typical)
Load Capacitance	Series, 16 pF, 20 pF, 30 pF, 32 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	-40 ~ +85 °C

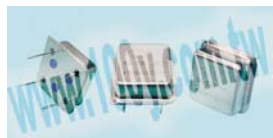
Part No.	Product No.	Manufacturer	Description	Frequency (MHz)	±ppm	Load capacitance (pF)	Can Style
23177	XTAL-11.0592M-S	TXC	QUARTZ CRYSTAL UNIT	11.0592MHz	+/-30ppm	32pF	HC-49/S
23178	XTAL-11.98132M-S	TXC	QUARTZ CRYSTAL	11.98132MHz	+/-30ppm		HC-49/S
3714	XTAL-12.000M-S	TXC	Quartz Crystal Units	12.000	30ppm	20pF	HC-49/S
23185	XTAL-14.318M-S	TXC	QUARTZ CRYSTAL UNIT	14.318MHz	+/-30ppm	20pF	HC-49/S
6971	XTAL-16.000M-S	TXC	Quartz Crystal	16.000	±30ppm	20pF	HC-49/S
23187	XTAL-17.734475M-S	TXC	QUARTZ CRYSTAL UNIT	17.734475MHz	+/-30ppm		HC-49/S
23188	XTAL-20.250M-S	TXC	QUARTZ CRYSTAL UNIT	20.250MHz	+/-30ppm	13pF	HC-49/S
23190	XTAL-21.000M-S	TXC	QUARTZ CRYSTAL UNIT	21.000MHz	+/-30ppm		HC-49/S
21387	XTAL-22.1184M-S	TXC	Quartz Crystal	22.1184MHz	±30ppm	20pF	HC-49/S
23192	XTAL-24.1678M-S	TXC	QUARTZ CRYSTAL UNIT	24.1678MHz	+/-30ppm	20pF	HC-49/S
23193	XTAL-24.576M-S	TXC	QUARTZ CRYSTAL UNIT	24.576MHz	+/-30ppm	35pF	HC-49/S
23196	XTAL-25.000M-S	TXC	QUARTZ CRYSTAL	25.000MHz	+/-30ppm	20pF	HC-49/S
23198	XTAL-27.000M-S	TXC	QUARTZ CRYSTAL UNIT	27.000MHz	+/-30ppm	20pF	HC-49/S
23201	XTAL-28.224M-S	TXC	QUARTZ CRYSTAL UNIT	28.224MHz	+/-30ppm	18pF	HC-49/S
23202	XTAL-28.63636M-S	TXC	QUARTZ CRYSTAL UNIT	28.63636MHz	+/-30ppm	20pF	HC-49/S
23205	XTAL-30.000M-S	TXC	QUARTZ CRYSTAL UNIT	30.000MHz	+/-30ppm	30pF	HC-49/S
23207	XTAL-33.000M-S	TXC	QUARTZ CRYSTAL UNIT	33.000MHz	+/-30ppm		HC-49/S
6978	XTAL-4.000M-S	TXC	Quartz Crystal Unit	4.000	30ppm	20pF	HC-49/S
23209	XTAL-48.000M-S	TXC	QUARTZ CRYSTAL UNIT	48.000MHz	+/-30ppm	20pF	HC-49/S
23214	XTAL-6.000M-S	TXC	QUARTZ CRYSTAL	6.000MHz	+/-30ppm	20pF	HC-49/S
9861	XTAL-8.000M-S	TXC	Quartz Crystal	8.000	±30ppm	20pF	HC-49/S
23219	XTAL-9.600M-S	TXC	QUARTZ CRYSTAL UNIT	9.600MHz	+/-30ppm	20pF	HC-49/S

## TXC Clock Oscillator

### FEATURES

- All metal welded package
- Wide frequency range from 1.0MHz up to 130MHz
- CMOS IC circuit construction built-in with tri-state function
- CMOS/TTL compatible in general application
- Supply voltage: 3.3v to 5v

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



Item	Type	6K (Full size)		6M (Half size)	
		TTL/CMOS	CMOS	TTL/CMOS	CMOS
Fan out type		TTL/CMOS	CMOS	TTL/CMOS	CMOS
Supply voltage		5.0V	3.3V	5.0V	3.3V
Frequency range		1~130MHz			
Frequency stability (25oC)		±20ppm, ±25ppm, ±50ppm, ±100ppm, or specify			
Operating temperature		0~+70°C	-20~+70°C	-40~+85°C	
Storage temperature range		-55~+125°C			

Part No.	Product No.	Manufacturer	Description	Frequency (MHz)	Tol. ±ppm	Operating Volt.	Input Current	Rise Fall time	Package
6917	OSC1.8432M-HALF	TXC	O.S.C (Half Can) 8 Pins Crystal Clock Oscillators	1.8432	25ppm	5V	10mA	5ns Max	HALF CAN
22780	OSC100.000M-HALF	TXC	O.S.C (Half Can) Crystal Clock	100MHz	25ppm	3.3or5V		5ns Max	HALF CAN
6913	OSC14.3181M-HALF	TXC	O.S.C (Half Can) 8 Pins Crystal Clock Oscillators	14.3181	25ppm	5V	20mA	5ns Max	HALF CAN
6953	OSC2.0000M-FULL	TXC	14 Pins TTL Crystal Clock Oscillators	2.0000	±50ppm	5V	30mA	15ns max	FULL CAN
6918	OSC2.4576M-HALF	TXC	O.S.C (Half Can) Crystal Clock Oscillator	2.4576	±25ppm	5V	10mA	5ns Max	HALF CAN
648	OSC22.118M-HALF	TXC	O.S.C (Half Can) Crystal Clock Oscillator	22.118MHz	25ppm	5V	15mA	5ns max.	HALF CAN
6919	OSC24.000M-HALF	TXC	O.S.C (Half Can) 8 Pins Crystal Clock Oscillators	24.000	25ppm	5V	20mA	5ns Max	HALF CAN



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