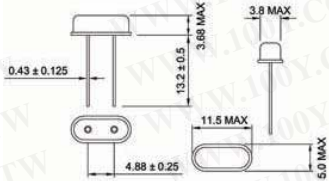


Timing Function IC

TXC HC-49 Crystal

Detailed product specifications are available on: 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 | 8.0000 | ±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

| 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 | OSC2.000M-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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