

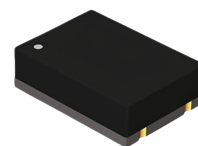
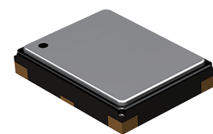


Features

- High stability
- Extra wide temperature
- Low phase noise
- Ultra-small package
- Ultra-low power consumption
- Product serialization
- Support customer customization

Applications

- Communication equipment: transmission network, access network, data communication products, BBU/RRU/AAU, base station, etc
- Private network equipment: rail transit, cluster communication, navigation system, etc
- Industrial control: robots, CNC machine tools, signal acquisition, etc
- Instrumentation: Precision instrumentation, testing equipment, industrial metering (water meter, electricity meter, gas meter, etc.)
- Consumer electronics: children's watches, elderly mobile phones, Bluetooth modules, etc



Standard Specifications

Parameter	TCXO SMD HT22
Type	Ultra-small package, ultra-low power consumption
Temperature stability(ppm)	±0.28
Aging	±20ppb/ day / ±1ppm/ year
Phase noise(dBc/Hz@1K)	-140
Operating temperature (°C)	-40°C ~ +105°C
Dimension(mm)	2.5*2.0*0.8
Recommended Frequency (MHz)	10/19.20/20/25/26/ 38.4/38.88

Other

- Temperature compensated crystal oscillator (TCXO) is a kind of quartz crystal oscillator, which compensates the frequency offset due to the change of ambient temperature through the temperature compensation circuit to achieve high precision frequency output.
- Supports multiple reference sources such as IEEE1588v2, 1PPS, and frequency input
- Supports full-protocol IEEE1588v2
- Supports the PTP Master, Slave, and BC functions
- Supports NTP Server and Client functions