

TCXO 1612 (1.6 x 1.2 x 0.6 mm)

Temperature Compensated Crystal Oscillator

General Specification

Features

Key Features

- AKM independant product due to own IC development
- Wide temperature range
- Low phase noise
- Ultra-small package size
- Ultra-low power consumption
- **Product customization options available !**

Applications

- Communication equipment: transmission network, access network, data communication product, BBU / RRU / AAU, base station, etc.
- Private network equipment: rail transportation, trunking communications system, navigation system, etc.
- Industrial control equipment: robot, CNC machine, signal collector, etc.
- Instrumentation: precision instrument, testing equipment, industrial meter (e.g. water meter, electricity meter, gas meter etc.)

Specifications

Item	Symbol	Specifications	Conditions
Output frequency	f_0	10 to 56 MHz	
Supply voltage	Vcc	+1.8V / +2.8V / +3.0V / +3.3V	
Start-up Time	ms	2 ms max.	
Output	Vp-p	Clipped sine Wave /CMOS	
Load	Ω	10k Ω // 10 pF // 15 pF	
Current Consumption	mA	Depending on Frequency and output form , please ask for details	
/ Frequency tolerance	@+25°C	$\pm 1.5 \times 10^{-6}$ max	
/ Temperature	$f_0_{T_c}$	$\geq \pm 0.5 - 2.0 \times 10^{-6}$ max.	max OTP – 40 to + 105°C
/ Frequency aging	f_age	$\pm 1.0 \times 10^{-6}$ max.	1 year, at 25 °C