

TCXOS

Delivery Options

- ### Description

- ## Waveform

- ## Package Outline

- ## Ageing

- ± 1 ppm typical first year

Frequency Adjustment

- $\pm 3\text{ppm}$ minimum internal trimmer adjustment

Storage Temperature Range

- -40 to 85°C

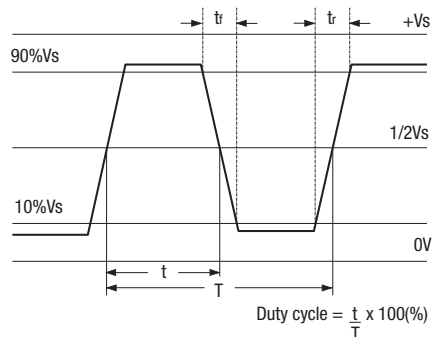
Marking

- Model number
- Frequency Stability Code /Temperature Range Code
- Frequency
- Date code (Year/Week)

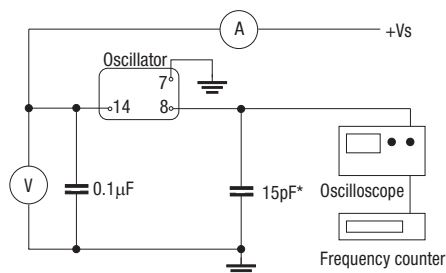
Minimum Order Information Required

- Frequency + Model Number + Frequency Stability + Operating Temperature Range

Output Waveform - HCMOS



Test Circuit - HCMOS



Europe Tel: +44 (0)1460 74433 Fax: +44 (0)1460 72578

Electrical Specification – maximum limiting values when measured in test circuit

Frequency Range	Supply Voltage	Supply Current	Output Waveforms	Output	Duty cycle	Model Number
3.20 to 40.0MHz	5V±0.25V	5mA	Clipped Sine	1Vp-p min	—	IQTCXO-250
3.20 to 40.0MHz	5V±0.25V	20mA	Square	HCMOS	40/60%	IQTCXO-251
3.20 to 40.0MHz	3V±0.15V	3mA	Clipped Sine	0.7Vp-p min	—	IQTCXO-252
1.50 to 24.0MHz	5V±0.25V	20mA	Square	HCMOS	40/60%	IQTCXO-253

Frequency Stabilities Available Over Operating Temperature Ranges

Operating Temperature Ranges	Frequency Stabilities Vs Operating Temperature Range					
	±1.0ppm	±2.0ppm	±2.5ppm	±3.0ppm	±5.0ppm	±10.0ppm
0 to 50°C	Code FP	Code GP	Code HP	Code JP	Code KP	Code LP
–10 to 60°C	—	Code GR	Code HR	Code JR	Code KR	Code LR
–20 to 70°C	—	Code GS	Code HS	Code JS	Code KS	Code LS
–30 to 75°C	—	—	Code HU	Code JU	Code KU	Code LU
–30 to 85°C	—	—	—	Code JW	Code KW	Code LW
–40 to 85°C	—	—	—	Code JX	Code KX	Code LX

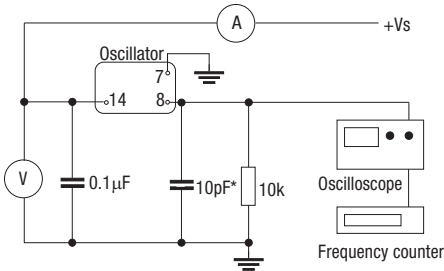
Ordering Example 24.0MHz IQTCXO-250 GS

Frequency _____

Model No _____

Frequency Stability Vs Operating Temperature Code _____

Test Circuit - Clipped Sine



*Inclusive of jigging & equipment capacitance