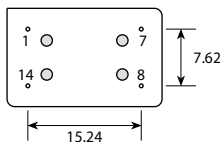


PIN	CONNECTION
1	Freq adjustment
7	Ground
8	Output
14	Supply



Scale 1:1

Features

- ▶ 3.3V supply
- ▶ Choice of pullability & stability
- ▶ Compact 14 pin DIL package
- ▶ Industrial temperature range option

Standard Models

Model	Calibration	Temp range	Stability	Pullability
AX	±15	0+70°C	±15ppm	±130ppm
AY	±20	0+70°C	±20ppm	±200ppm
BX	±15	-40+85°C	±20ppm	±130ppm
BY	±20	-40+85°C	±30ppm	±200ppm

Specifications

Parameters	Product	Option Codes
	VCXO2V	
Frequency range: 10.0kHz ~ 41.0MHz	■	
Operating temperature range: 0 to +70°C -40 to +85°C	<input type="checkbox"/> <input type="checkbox"/>	A B
Calibration tolerance: ±10 ~ ±20ppm max , 2.5V on pin 1	<input type="checkbox"/>	specify
Frequency stability: ±10 ~ ±50ppm	<input type="checkbox"/>	specify
Frequency pullability: ±50 ~ ±200ppm	<input type="checkbox"/>	specify
Voltage control (pin 1): +2.5V ±2.5V, 10% linearity >10kΩ input impedance	■ ■	
Storage temperature range: -65 to +125°C	■	
Supply voltage (V_{DD}): +3.3V (±5%)	■	
Supply current: 10mA (<20.0MHz) 15mA (20.0 ~ 41.0MHz)	■ ■	
Driving ability: 5 LSTTL HCMOS	■ ■	
Logic levels: '0' level = 0.4V max '1' level = 90%V _{DD} min	■	
Start up time: 5ms max	■	
Rise / fall times: 7ns max	■	
Waveform symmetry: 40:60 max	■	
Shock resistance: 1,000g, 0.3ms, ½ sine	■	
Vibration resistance: 1g / 10 ~ 2,000Hz	■	

■ Standard. □ Optional - Please specify required code(s) when ordering

Ordering Information

Standard item:

Product name + model code + frequency

eg: **VCXO2V-AX 16.0MHz**
VCXO2V-BY 20.48MHz

Custom item:

Product name + calibration + temperature stability/range
+ pullability + frequency

Option code X (eg VCXO2V/X) denotes a combination of values not listed above.

Higher frequencies available.

Highly customisable. Please check with us about availability of non-standard specifications.