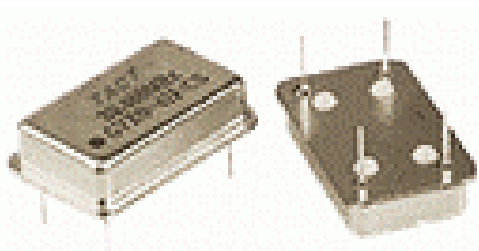


Oscillators for the Real World

Crystal Oscillators - VCXO



FEATURES :

- 14, 8 or 4 PIN Dip
- 5V or 3.3V Power supply
- Frequency Stability: 25ppm
- Low Cost

Our MWVX series of voltage control crystal oscillators are widely used in telecommunications, instrumentation and other electronic equipment where a stable but electrically tunable oscillator is required.

Frequency Range	1.0 – 40 MHz
Frequency Stability (0 – 70)	25ppm, 30ppm, 50ppm
Frequency Stability vs Power Supply	V _{cc} = 5.0V ± 0.5V V _{cc} = 3.3V ± 0.3V Max 3ppm
Output Wave	Square, CMOS & TTL DC:40-60% TrTf:Max 10nS
Supply Voltage	5.0V ± 0.5V or 3.3V ± 0.3V
Current	Max 40 mA
Output Load	1 – 10TTL or 15pF
Pullability	V _c = 1.65V ± 1.65V / 50ppm – 150ppm
Control Center Voltage	V _c = 2.5V or V _c =1.65V
Enable Input Voltage (or NC)	20.0V Min.
Linearity	<10%
Slope	Positive or Negative
Input Resistance	>50K
Aging	Max 5ppm
Marking	Ink, Laser Mark
Operating Temperature	0°C to +70°C Typical
Storage Temperature	-55°C to +125°C
Insulation Resistance	Min 500 Ohms @ DC 100V 15V

MICRONETICS
WIRELESS



