



PRODUCTS

Voltage Controlled Crystal Oscillator (Through Hole)

Typical Applications:

- Video Decoding
- VoIP
- Wireless Base Station
- Set-top Box

VC14

(Through Hole VCXO Series)

Part Number: VC14 (Waveform) (ppm) - Temp - Pull - Freq

Example: VC14H50-1080 -100-20.000

OSCILLATOR

Specification

VC14

Part No.	Example
VC14 (waveform) (ppm)-Temp Range-Pull-Freq	VC14H50-1080-100-20.000

Specification		VC14	
Output Waveform		HCMOS	
Frequency Range		1.0 to 52.0MHz	
Frequency Pullability		±25 to ±150ppm	
Temperature Stability		±15 to ±50ppm	
Operating Temperature Range		-10 °C to +70 °C / -40 °C to +85 °C	
Storage Temperature Range		-55 °C to +125 °C	
Aging		±5ppm/year Max.	
Supply Voltage (Vcc)		+5.0VDC ±5%	+3.3VDC ±5%
Supply Current	1.000MHz to 23.999MHz	15mA Max	10mA Max
	24.000MHz to 52.000MHz	25mA Max	20mA Max
Symmetry		40/60% or 45/55%	
Output Load		5TTL / 15pF Max	
Rise and Fall Time		10 / 10 nS Max	
Output Voltage	VOL	10% Vcc Max	
	VOH	90% Vcc Min	



VC14

Dimension

(Unit:mm)

