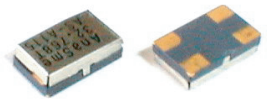

32.768KHz CMOS COMPATIBLE CLOCK OSCILLATOR IN LCC PACKAGE: XO64-32K768

FEATURES

- RoHS Compliant (Pb-Free), Tight Stability over Temperature Range
- Popular 32.768KHz Square Wave Output, Very Low Power Consumption
- Tri-state Enable/Disable Standard; Broad Supply Voltage Option
- Leadless Chip Carrier (LCC) Ultra Small Package

SPECIFICATIONS

Frequency	32.768 KHz
Input Voltage (Vcc)	+1.5 VDC to 6.0VDC
Input Current	5 mA Maximum (at 3.3V)
Storage Temperature	-40°C to 85°C
Frequency Stability	+30 ppm to 0 ppm at 25°C, (Vcc = 2.0 to 6.0VDC)
Frequency Stability vs Temp	+30 ppm to -60 ppm /-10°C to 60°C, (Vcc = 2.0 to 6.0VDC) +30 ppm to -200 ppm /-40°C to 85°C, (Vcc = 2.0 to 6.0VDC)
Turnover Temperature	25°C ± 5°C on parabolic curve
Operating Temperature Range	-10°C to 60°C or -40°C to 85°C
Electric Option (Symmetry)	Tristate 60/40%
Output Load	CMOS: 15 pF load
Logic "1" / Logic "0" Level	0.9Vcc Minimum / 0.1Vcc Maximum
Rise/Fall Time (Tr/Tf)	200 ns Maximum
Start-up time	500 ms Maximum. (3.3V, 25°C)
Tristate Function	Input (Pin 1) High (> 2.0V) or open: Output (Pin 3) active Input (Pin 1) Low (< 0.8V): Output disabled in high impedance
Typical Part Number	XO64-32K768

OUTLINE DRAWING