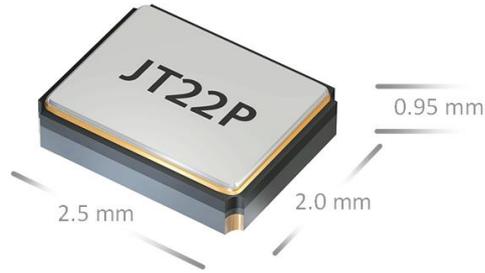


- Product Announcement -



NEW: JT22P and JT22PV
TCXO and VCTCXO
in miniature SMD package



Small-sized SMD TCXO and VCTCXO

JT22P and JT22PV is a series of temperature compensated high stability oscillators with a frequency stability as tight as ± 1.0 ppm, and is offered in a frequency range from 8.0 MHz to 52.0 MHz and is starting at 1.8V.

In addition to the TCXO JT22P, the VCTCXO version JT22PV can be tuned by ± 8.0 ppm min. using an external voltage.

Due to the high frequency stability down to ± 1.0 ppm the JT22P(V) series fulfils very high requirements and is specially designed for ZigBee, Bluetooth and other wireless applications. The JT22P(V) series combines excellent frequency stability with a clipped sine output, that enables a very low power consumption.

The JT22P(V) series is particularly suitable for miniaturized electronic devices with very limited space on printed circuit board.

The JT22P(V) is available in a variety of temperature ranges, up to the extended operating temperature range of $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$ for industrial applications.

The JT22P / JT22PV complies with the EU RoHS directive and is optimally suitable for fast automatic assembly lines.

Key-Features of the JT22P and JT22PV:

- miniature-package: 2.5mm x 2.0mm x 0.95mm
- best stability and temp. range: ± 1 ppm ($-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$)
- frequency range: 8.0 MHz ~ 52.0 MHz
- supply voltages: 1.8 / 2.5 / 2.8 / 3.0 ($\pm 5\%$)
- typical applications: Wireless applications (WiFi, ZigBee, Bluetooth etc.)
- VCTCXO version available with configurable center voltage
- small packaging area and light weight
- suitable for Lead-free soldering process at 260°C max
- 100% lead-free
- RoHS compliant



Dimensions:

