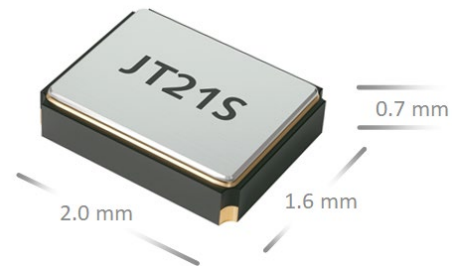


- Product Announcement -

NEW: JT21S and JT21SV
TCXO and VCTCXO
in miniature SMD package



Miniature-sized SMD TCXO and VCTCXO

JT21S and JT21SV is a series of temperature compensated high stability oscillators with a frequency stability as tight as ± 0.5 ppm. They are available in a frequency range from 9.5 MHz to 52.0 MHz, and can be operated at voltages ranging from 1.8V to 3.3V.

In addition to the TCXO JT21S, the VCTCXO version JT21SV can be tuned by ± 8.0 ppm minimum using an external voltage.

Due to the high frequency stability down to ± 0.5 ppm the JT21S(V) series meets very high requirements and is specially designed for ZigBee, Bluetooth and other wireless applications that are working with narrow-band RF-channels. The JT21S(V) series combines excellent frequency stability with a clipped sine output, that enables a very low power consumption.

The JT21S(V) series is particularly suitable for miniaturized electronic devices with very limited space on printed circuit board.

The JT21S(V) is available in a variety of temperature ranges, up to the extended operating temperature range of $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ for industrial applications.

The JT21S / JT21SV complies with the EU RoHS directive and is optimally suitable for fast automatic assembly lines.

Key-Features of the JT21S and JT21SV:

- miniature-package: 2.0mm x 1.6mm x 0.7mm
- best stability and temp. range: ± 0.5 ppm ($-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$)
- frequency range: 9.5 MHz ~ 52.0 MHz
- supply voltages: 1.8 / 2.5 / 2.8 / 3.0 / 3.3 ($\pm 5\%$)
- typical applications: Wireless applications (WiFi, ZigBee, Bluetooth, LoRa, SigFox etc.)
Smart Metering
- 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



RoHS compliant



Pb free



REACH compliant



Conflict mineral free

Dimensions:

