



Power-Saving Precision: Why Engineers Choose Taitien's 1.2V TCXO

Description





Power-Saving Precision Why Engineers Choose Taitien's 1.2V TCXO

Optimized for Low-Power
High-Precision Applications

Unmatched Frequency Stability in a
Miniature Package



Product Highlight:

Taitien's™ 1.2V Temperature Compensated Crystal Oscillator (TCXO) combines ultra-low power consumption with exceptional frequency stability, making it an ideal solution for modern electronic devices. With precise stability of $\pm 0.5\text{ppm}$, the 1.2V TCXO ensures reliable performance even in demanding environments ranging from -40°C to $+85^\circ\text{C}$.

Its compact design (2.0mm—1.6mm) is particularly suited to the space constraints of wearable devices and portable applications. The 1.2V TCXO also features ultra-low phase noise, ensuring signal integrity across applications. It is widely used in GPS smartwatches, fitness trackers, smart meters, IoT devices, portable medical equipment, and industrial monitoring systems.

Overview:

- Package Size: 2.0 x 1.6 x 0.7 mm
- Freq. : 13 to 52 MHz
- Product Shape: SMD
- Supply Voltage: 1.2V
- Output level: Clipped Sine Wave
- [Download Datasheet](#)

CDI's™ Technical Team Is Ready to Help You

Contact us today to get a quote or review your requirements with our expert application engineers!



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Category

1. Ewave
2. RF-Microwave
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