

Meet the Future of Real-Time Clocks: Taitienâ€™s TX-D

Description

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Are you searching for a high-precision, energy-efficient real-time clock solution? Look no further than th D, the latest innovation in timekeeping technology.

With its ultra-compact dimensions of 3.2 x 2.5 x 1.36 mm, the TX-D is perfectly suited for space-constrained applications, offering a highly stable CMOS output at 32.768kHz. Its built-in TCXO ensures Â±5 ppm stability e extreme temperature ranges from -40ÂºC to +85ÂºC, extending to Â±8 ppm up to +105ÂºC. This means you c on the TX-D for the most accurate timekeeping in challenging environments.

What sets the TX-D apart is its incredibly low power consumption of just 1.0 ÂµA, making it an ideal choice for portable and battery-operated devices where power efficiency is crucial. It supports a broad power supply rang 1.8 V to 3.3 V, enhancing its versatility across various applications.

From IoT devices, smart meters, and data loggers to medical electronics, navigation systems, and industrial applications, the TX-D is your go-to solution for reliable and precise timekeeping. Its small form factor is particu beneficial for modern, compact designs.

Furthermore, with competitive pricing and industry-leading lead times, the TX-D is a cost-effective choice for yo timekeeping needs. Available for engineering sample orders, you can now explore its capabilities firsthand.

Interested in elevating your products with the TX-Dâ€™s unparalleled precision and efficiency? **Contact CDIâ sales team** today for more information and to place your sample order.

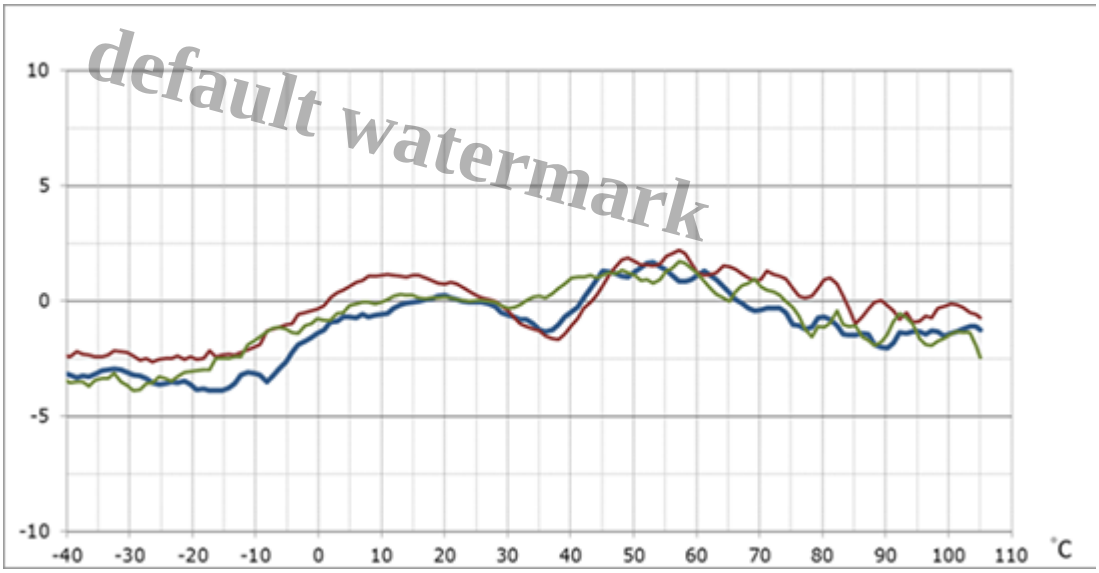
Features:

- Size: Compact 3.2 x 2.5 x 1.36 mm
- High Precision:
- Â±5 ppm @ -40ÂºC to +85ÂºC
- Â±8 ppm @ -40ÂºC to +105ÂºC
- Low Current Consumption: 1.0 uA (Typ.)

Applications:

- Real-Time Clock (RTC)
- Smartwatches, Smart Meters,
- Smart City, Smart Agriculture
- Network Timing and Synchronization in Servers, Routers, Hubs, and Switches

Frequency Stability vs Temperature:



Download TX-D Temperature Compensated Crystal Oscillator Datasheet

Request a Quote

CDI works continuously with our vendor partners to connect our customers to products and solutions that accelerate their time to market. CDI will leverage its product knowledge, technical expertise, and evaluation too find the right solution for your design. For more information, or to learn how we can help drive your success, pl visit **rf.cdiweb.com** or email us at **sales@cdiweb.com**.

TAITIEN at Component, Distributors, Inc. (CDI)
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Category

1. Ewave
2. RF-Microwave
3. Taitien

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