



Ultra Low Power Atomic Oscillator (CSAC) – DTA-450



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Description

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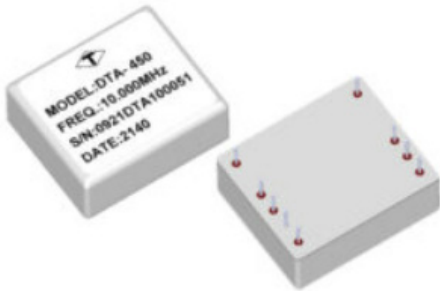
Product Highlight:

Introducing the TAITIEN DTA-450, a revolutionary Chip Scale Atomic Clock that redefines precision in portable formats. Consuming less than 130 mW and sized at a mere 17 cc, this compact marvel brings atomic clock accuracy to your fingertips. With its 10 MHz CMOS-compatible output, the DTA-450 seamlessly integrates into diverse applications, from satellite timing to advanced communication systems. Its standout feature, a 1PPS output/input, ensures synchronization accuracy within ± 50 nanoseconds, making it a cornerstone in precision timekeeping. Engineered for resilience, the DTA-450 operates flawlessly across extreme temperatures, maintaining stability with minimal long-term aging. Additionally, its RS-232 interface offers sophisticated control, ensuring peak performance. Ideal for a wide range of critical applications, including GPS receivers and autonomous networks, the DTA-450 adheres to RoHS standards, aligning cutting-edge technology with environmental responsibility. Choose TAITIEN's DT-450 for unmatched precision and reliability in your timekeeping needs.

Overview:

- Package Size: 41.0 x 35.0 x 12.0 mm
- Freq. : 10 MHz (Options: 16.384 / 20 / 24.576 MHz)
- Product Shape: DIP
- Supply Voltage: 3.3 V
- Output level: CMOS

TAITIEN DTA-450
[Download Datasheet](#)



Frequency Accuracy	Power Consumption mW	Operating Temp. Range (C)	
		Min.	Max.
±1×10-12	130	-10	70

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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 tools to find the right solution for your design. For more information, or to learn how we can help drive your success, please visit rf.cdiweb.com or email us at sales@cdiweb.com.

TAITIEN at Component, Distributors, Inc. (CDI)

Toll-Free: 1-800-777-7334 Email: sales@cdiweb.com

Category

- 1. Ewave
- 2. RF-Microwave
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cdiwebadmin