



A High-Speed Data Center and Edge Computing and Network Synchronization Solution from Taitien

Description

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iCloud Data Center

As internet traffic grows significantly, throughput of data centers also increases, and emerging applications need to be precisely synchronized. This results in the adoption of **high-precision TCXO or OCXO** in top-of-rack switches and leaf switches as a reference source for 5G networks with IEEE1588 and SyncE synchronization.

Taitien's solutions with Stratum 3 **high-precision crystal oscillator and timing modules** help to keep everything in sync with greater accuracy and stability. These oscillators are suitable for servers, switches, high-speed access devices, Smart NICs, optical communications, optical transceiver modules, servers, spine/leaf switches and other applications.

Features

- Fast Delivery
- Industry's smallest size
- Low Power Consumption
- Excellent phase noise and RMS phase jitter
- Stratum 3, IEEE1588 and SyncE Compliant

Applications

- Core and edge routers
- IEEE 1588 boundary clocks and grand masters
- Synchronous Ethernet
- Optical transport (OTN, OLT, etc.)

Taitien Featured Products

• Miniature Crystal	• Stratum 3 OCXO	• Stratum 3 VCTCXO
• Fast Delivery CMOS XO	• Tuning Fork Crystal	• Ultra Low Jitter CMOS XO
• Ultra Low Jitter Differential XO	• Ultra-High Precision Disciplined Oscillator	• Fast Delivery Differential XO

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 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.

About Taitien

CDI is an authorized distributor for **Taitien**. Taitien offers OCXO, TCXO, VCXO, Crystal, and Crystal Oscillators. Taitien frequency products support various fields including automotive, consumer electronics, information technology and telecommunications. Taitien focuses on innovation and invests heavily in research & development.

About Component Distributors, Inc. (CDI)

Component Distributors, Inc. (CDI) is a value-added distributor of high-performance LED, Power, RF & Microwave, Wireless and Sensor component technologies. CDI distributes globally and provides local application support and customer service across the Americas.

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Category

1. Ewave
2. RF-Microwave
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