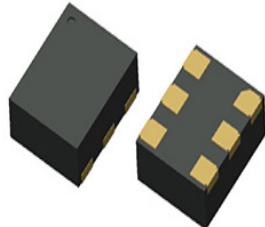




New Fast Delivery Crystal Oscillator Series: Compact, Lightweight, and High Performance



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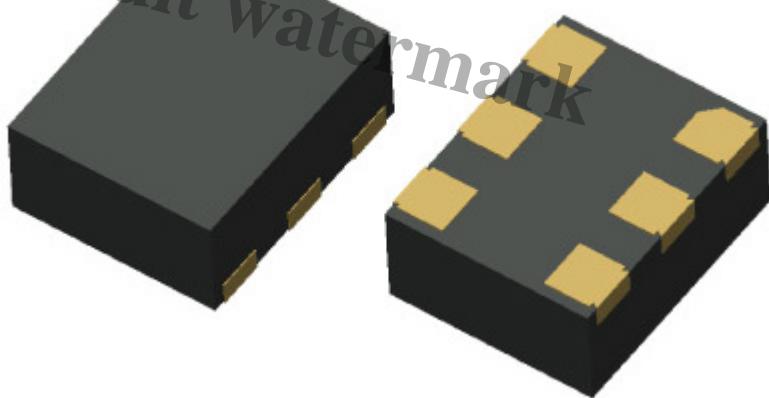
**Description**

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## New Fast Delivery Crystal Oscillator Series: Compact, Lightweight, and High Performance

# Crystal Oscillator



Taitien Electronics is thrilled to announce the release of our **new programmable crystal oscillators OB-K, OM-K, ON-K series**. With a focus on fast delivery, a wide frequency range of up to 2.1GHz, and excellent performance in phase jitter, this new oscillator series offers a wide range of benefits to meet your needs for high-quality timing signals. Our new released crystal oscillators come in two different sizes, 2.5 x 2.0mm (OB-K & ON-K) and 3.2 x 2.5mm (OM-K), and are packaged in lightweight plastic packages. These smaller packages offer an excellent solution for space-constrained applications without sacrificing performance.

### Features

- Tiny Size: OB-K/ON-K (2.5 x 2.0mm), OM-K (3.2 x 2.5mm)
- Light weight plastic package: Compatible to traditional ceramic package but lighter
- Good jitter performance: OM-K/ON-K (0.2ps Typ), OB-K (0.5ps typ)
- High frequency range: OM-K/ON-K (15MHz ~ 2.1GHz), OB-K (10MHz ~ 1.5GHz)

### New Programmable Crystal Oscillator Products

OB-K Differential

ON-K Differential

OM-K Differential

ø 2.5 x 2 mm XO	ø 2.5 x 2 mm XO	ø 3.2 x 2.5 mm XO
10 to 1500 MHz	15 to 2100 MHz	15 to 2100 MHz
LVPECL/LVDS	LVPECL/LVDS/HCSL/CML	LVPECL/LVDS/HCSL/CML
Phase Jitter : 0.5 ps (typ.)	Phase Jitter : 0.15 ps (typ.)	Phase Jitter : 0.15 ps (typ.)
±25 ppm @ -40°C to +105°C	±25 ppm @ -40°C to +85°C	±25 ppm @ -40°C to +85°C

## 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](http://rf.cdiweb.com) or email us at [sales@cdiweb.com](mailto: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.

## Component Distributors, Inc. (CDI)

Email: [sales@cdiweb.com](mailto:sales@cdiweb.com) Toll-Free: 1-800-777-7334

## Category

1. Ewave
2. RF-Microwave
3. Taitien

## Date Created

July 13, 2023

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