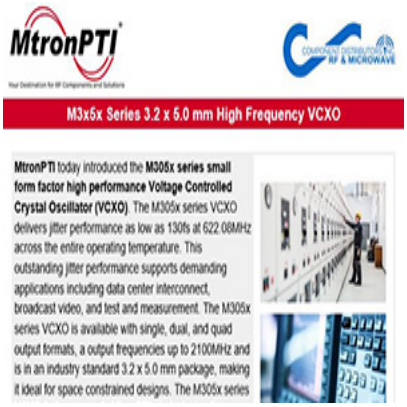


# M3x5x Series 3.2 x 5.0 mm High Frequency VCXO

## Description

# M3x5x Series 3.2 x 5.0 mm High Frequency VCXO

**MtronPTI** today introduced the **M305x series small form factor high performance Voltage Controlled Crystal Oscillator (VCXO)**. The M305x series VCXO delivers jitter performance as low as 130fs at 622.08MHz across the entire operating temperature. This outstanding jitter performance supports demanding applications including data center interconnect, broadcast video, and test and measurement. The M305x series VCXO is available with single, dual, and quad output formats, a output frequencies up to 2100MHz and is in an industry standard 3.2 x 5.0 mm package, making it ideal for space constrained designs. The M305x series VCXO further expands MtronPTIâ€™s industry leading portfolio of high performance VCXOs.

MtronPTI offers a broad line of precision crystal resonators, oscillators, filters, and Integrated Microwave Assembly solutions.



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## Features:

- 3.2 x 5.0mm ceramic package
- Frequency selection function: Single, Dual, or Quad
- Operating voltage 3.3V, 2.5V or 1.8V
- Low jitter: Typ. 130fs rms @622.08MHz
- Supports a wide frequency range: 15MHz to 2100MHz
- Operating temperature range up to -45 Â°C to +85 Â°C
- Output formats: CMOS, LVPECL, LVDS, CML or HCSL

## Applications:

- Test and Measurement
- Industrial
- Optical Transmission

## Request a Quote

CDI works continuously with our vendor partners to connect our customers to products and solutions that accelerate the to market. CDI will leverage its product knowledge, technical expertise, and evaluation tools to find the right solution for y 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 MtronPTI

**MtronPTI** offers a wide range of precision frequency control and spectrum control solutions including: RF, microwave an millimeter wave filters, cavity filters â€“ crystal, ceramic, lumped element and switched filters, high performance and high frequency OCXOs, integrated PLL OCXOs, TCXOs, VCXOs, low jitter and harsh environment oscillators and crystals. In MtronPTI added state-of-the-art solid state power amplifier products. Vertically integrated with complete control of basic r science and manufacturing, MtronPTI provides solutions for high reliability high performance and Mil/Aero communicatio control, Satcom terminals, test and measurement and energy management applications. MtronPTI is based in Orlando, F with design, sales and manufacturing locations in North America, India and Asia. MtronPTI is a subsidiary of The LGL Gr (NYSE MKT: LGL).

## About Component Distributors, Inc. (CDI)

**Component Distributors, Inc. (CDI)** is a value-added distributor of high-performance LED, Power, RF & Microwave, Wi and Sensor component technologies. CDI distributes globally and provides local application support and customer servic across the Americas. CDI delivers cutting edge power electronics by wrapping application support, development tools an design services around high-performance products from industry leading manufacturers.



**Component Distributors, Inc. (CDI)**
Email: sales@cdiweb.com Toll-Free: 1-800-777-7334

**Category**

1. Ewave
2. MtronPTI
3. RF-Microwave

**Date Created**
August 2, 2022
**Author**
cdiwebadmin