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FOR IMMEDIATE RELEASE

New High Frequency Fundamental VCXOs

Hopkinton, MA – CTS Corporation (NYSE: CTS) announces a new family of high frequency fundamental VCXOs in 5.0x3.2mm and 7.0x5.0mm footprints, featuring clock rates up to 250MHz, phase jitter as low as 50fs typical; available in HCMOS, LVPECL and LVDS outputs, stability options of ± 20 , ± 25 and ± 50 ppm, Absolute Pull Range [APR] at ± 50 ppm minimum and linear voltage tuning over a small range. Six new models in this series provide the design engineer a low cost, spacing saving, high performance solution for their complex electronic systems.

The new CTS VCXOs support multiple market segments covering telecommunications, computer processing, consumer and industrial electronics; delivering superior phase noise performance, a high level of frequency stability and economy of scale. For example, when coupled with a phase locked loop [PLL] device, it provides the tuning function that synchronizes a transceiver output to an input source; maintaining phase lock, cleaning unwanted jitter, yielding a signal that keeps data integrity intact.

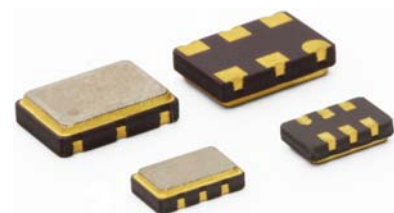
Standard product features, common market applications and new series platforms are summarized below. Please refer to individual data sheets on our website to see more performance characteristics.

Product Features

- Ultra-Low Phase Jitter Performance
- High Frequency Fundamental Crystal
- Small Ceramic Surface Mount Packages
 - 7.0mmx5.0mm - 5.0mmx3.2mm
- Standard Frequencies Available
 - 100.00MHz - 156.25MHz
 - 122.88MHz - 166.00MHz
 - 125.00MHz - 200.00MHz
 - 153.60MHz - 204.08MHz
 - 155.52MHz - 245.76MHz
- Output Enable Standard
- Tape and Reel Packaging
- Output Types Available
 - HCMOS - LVPECL - LVDS

Market Applications

- Small Cells
- Wireless Communication
- Broadband Access
- SONET/SDH/DWDM
- Base Stations
- Ethernet/GbE/SyncE
- Digital Video
- Test and Measurement



Product Summary

VCXO Selector Guide

MODEL	PACKAGE SIZE [mm]	OUTPUT LOGIC	FREQUENCY [MHz]	PHASE JITTER [fs Typ]	TOTAL STABILITY	ABSOLUTE PULL RANGE	SUPPLY VOLTAGE	TEMPERATURE RANGE
315	5.0 x 3.2	HCMOS	100 - 170	50	±20ppm	±50ppm	3.3V	-20°C to 70°C
317	7.0 x 5.0				±25ppm			±50ppm
345	5.0 x 3.2	LVPECL	100 - 250	90	±20ppm	±50ppm	3.3V	-20°C to 70°C
347	7.0 x 5.0				±25ppm			±50ppm
375	5.0 x 3.2	LVDS	100 - 250	70	±20ppm	±50ppm	2.5V	-20°C to 70°C
377	7.0 x 5.0				3.3V		-40°C to 85°C	

http://www.ctscorp.com/connect_product_line/vcxo/

Production and samples are available now. For more information call +1-800-982-5737 (North America), +65-6481-1466 (Asia) or +1-508-435-6831 (all other regions), email frequencysales@ctscorp.com, see our website for more information as well as for contact a supporting CTS Sales Representative or one of CTS many distribution partners.

About CTS

CTS (NYSE: CTS) is a leading designer and manufacturer of sensors, actuators and electronic components to OEMs in the aerospace, communications, defense, industrial, information technology, medical and transportation markets. CTS manufactures products in North America, Europe and Asia.

Media Relations Contact

Nick Hajewski
Marketing Communications Manager

CTS Corporation
2375 Cabot Drive
Lisle, IL 60532
USA

Telephone: +1 (630) 577-8865

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