

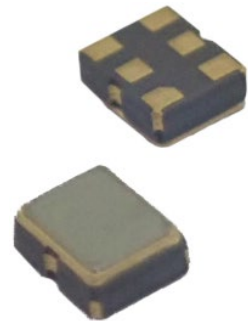


April 25, 2019

FOR IMMEDIATE RELEASE

Small Packaged Differential Clock Oscillator

Lisle, IL – CTS Corporation (NYSE: CTS) announces the release of Model 626, a high frequency low jitter clock oscillator, housed in a very small hermetically sealed ceramic package [2.5mmx2.0mm]. Model 626 features clock rates between 6MHz and 220MHz with less than 500fs phase jitter performance throughout the frequency range. Standard LVPECL or LVDS differential output options are available, along with choice of +2.5V or +3.3V voltage operation. To support low power chipset designs, +1.8V operation is also available for LVDS output option.



Model 626 offers typical stability options of ±20, ±25, ±30ppm and ±50ppm for standard operating temperature ranges -20°C to +70°C and -40°C to +85°C. In addition, an extended operating temperature range is available, with ±50ppm stability over -40°C to +105°C, for use in fan-less environments.

Adding to CTS’ extensive low jitter clock portfolio, Model 626 will provide the design engineer a low cost, miniature size solution, along with high performance capabilities suitable for complex electronic systems. This new clock model will support a wide array of market segments; covering infrastructure telecommunication networking, server applications, test and measurement, medical test equipment and much more; delivering superior phase jitter performance and a high level of frequency stability.

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

Product Features

- Very Low Phase Jitter Performance
- Fundamental or 3rd Overtone Crystal
- Small Ceramic Surface Mount Package
 - 2.5mmx2.0mm
- Common Frequencies Available

- 25.00MHz	- 74.1758MHz	- 100.00MHz	- 133.00MHz	- 156.25MHz	- 161.1328MHz
- 50.00MHz	- 74.25MHz	- 125.00MHz	- 155.52MHz	- 150.00MHz	- 200.00MHz

[Consult data sheet and contact factory for availability of frequencies not listed.]
- Output Enable Standard
- Tape and Reel Packaging
- Output Types Available
 - LVPECL
 - LVDS

Market Applications

- Serializer/Deserializer [SerDes]
- Storage Area Networking
- Broadband Access
- SONET/SDH/DWDM
- PON
- Ethernet/Gbe/SyncE
- Fiber Channel
- Test and Measurement
- Wireless Communication

Product Summary

Selector Guide

MODEL	PACKAGE SIZE [mm]	OUTPUT LOGIC	FREQUENCY [MHz]	PHASE JITTER [fs Typ]	STABILITY	SUPPLY VOLTAGE	TEMPERATURE RANGE
626	2.5 x 2.0	LVPECL LVDS	6 – 220	500	±20ppm ±25ppm ±30ppm ±50ppm ±100ppm	1.8V * 2.5V 3.3V	-20°C to +70°C -40°C to +85°C -40°C to +105°C

* LVDS output only.

http://www.ctscorp.com/connect_product_line/clock-oscillators/

Sales Contact

Production volume 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), E-mail:

frequencysales@ctscorp.com, see our website for more information as well as to contact a CTS Sales Representative or one of CTS's many distribution partners.

About CTS

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

For more information on CTS Corporation, please visit www.ctscorp.com.

Technical Contact

John Metzler
Application Engineer
E-mail: john.metzler@ctscorp.com
Tel: +1 (630) 577-8828
Lisle, IL 60532
USA

Media Relations Contact

Albert Vidiella
VP of Marketing
E-mail: mediarelations@ctscorp.com
Tel: +1 (630) 577-8865
Lisle, IL 60532
USA

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