

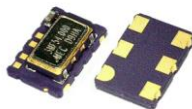


May 4, 2010 – PECL/LVDS TCXO & VCTCXO Released by Mercury

Mercury proudly introduces their new 5.0 x 7.0 x 2.3mm 6 pad ceramic leadless surface mount TCXO & VCTCXO with either a PECL or LVDS Square Wave differential outputs.

While CMOS Square Wave and Clipped Sine Wave outputs are the mainstay in the marketplace, Mercury now offers a TCXO solution for many ADSL, SDH, SONET, ATM & 3G applications.

These Temperature Compensated Crystal Oscillators bridge the gap between the high cost, high current consuming & very large package size of an OCXO (Oven Controlled Crystal Oscillator) and a non-compensated XO (Crystal Clock Oscillator) where a differential PECL or LVDS output is required.



Other applications include Telecom Transmission & Switching Equipment, Airborne & Mobile Systems, WLAN, Ethernet, Networking, 10GE & GigE. Along with Base Stations, Servers, PCI, PCIe, & FPGA, including 1X, 2X, 4X Fibre Channel applications.

A Tri-State Enable/Disable function is standard, making testing the circuit very simple. The footprint is also compatible with a standard 5 x 7mm PECL/LVDS clock making this TCXO a drop-in replacement and eliminating the need to re-spin the board.

The available frequencies range from 12.000MHz up to 800.000MHz with an input voltage of +3.3V and a frequency stability as tight as ± 1.0 ppm from -40C to +85C.

These TCXO's are both RoHS compliant and lead-free to meet your environmental requirements.

Prototype quantities are available on a **Quick-Turn** build basis in about 2 to 4 weeks, while the lead-time for volume production is 6 to 8 weeks, depending on the frequency.

Please visit our website at <http://www.mercury-crystal.com> for additional information and to submit your request for quote on line.

Mercury United Electronics is a Quartz Crystal Manufacturer of Frequency Control Products since 1973, including Crystals, Oscillators, Low EMI Spread Spectrum Clocks, TCXO's, VCTCXO's, VCXO's, OCXO's and Monolithic Crystal Filters with new product design, 1 to 3 week Quick-Turn capabilities & a North American sales facility in Southern California, headquartered in Taipei Taiwan with the latest state-of-the-art production equipment and a high-volume production location in Kun Shan, China. Contact Mercury at <http://www.MercuryUnited.com> or at (Telephone) 909-466-0427 (Fax) 909-466-0762.