



Ecliptek Press Release

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Ecliptek Introduces New Miniature LVPECL and LVDS SMD Crystal Oscillators

February 09, 2009

Costa Mesa, CA - Ecliptek Corporation is pleased to announce the addition of four new high frequency LVDS and LVPECL ceramic six pad surface mount low profile 3.2mm x 5.0mm crystal controlled oscillators (XO). These new products complement Ecliptek's extensive offering of quartz and MEMS frequency control products.

The new [E13C5](#) and [E15C5](#) (3.3VDC and 2.5VDC LVPECL output) and [EL13C5](#) and [EL15C5](#) (3.3VDC and 2.5VDC LVDS output) are available in a variety of configurations including frequency stability as low as ± 20 ppm maximum and an operating temperature range of -45°C to $+85^{\circ}\text{C}$. Other features include tri-state (high impedance), complementary output, and duty cycle of $50 \pm 5\%$. These products also offer low RMS phase jitter of 0.4pSec typical, 1pSec maximum as well as exceptional phase noise performance.

Available frequencies include

77.76MHz, 78.125MHz, 80MHz, 80.157MHz, 85MHz, 87.125MHz, 90MHz, 100MHz, 106.25MHz, 110MHz, 119MHz, 120MHz, 122.888MHz, 124.4MHz, 125MHz, 127MHz, 128MHz, 131.072MHz, 133MHz, 133.33MHz, 133.333MHz, 135MHz, 137.472MHz, 150MHz, 155.52MHz, 156.25MHz, 159.375MHz, 161.1328MHz

"We're very excited about delivering this smaller volume package into the marketplace," said Robert Zarrow, Vice President of Sales of Ecliptek Corporation. "We believe that this technology will provide a low jitter solution for the most demanding network clocking applications in the marketplace today".

These Ecliptek product series offer low jitter differential clocking solutions for Fiber Channel, Gigabit Ethernet, SONET, Storage Area Networks, Infiniband, and Digital Video applications at a competitive price.

About Ecliptek

Founded in 1987, Ecliptek has become a leading supplier of frequency control products to the electronics industry. Ecliptek provides unparalleled quality, complete engineering support, excellent customer service and innovative products to their OEM customers and distributors worldwide. Complete information on company operations or any of Ecliptek's quality frequency control devices can be obtained by calling 1-800-ECLIPTEK or by visiting Ecliptek's internet site at www.ecliptek.com. The company's Email address is

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