



Ecliptek Press Release

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New 3.2mm x 5.0mm SMD VCXOs Strengthen Ecliptek's Clocking Solutions

September 23, 2009

Costa Mesa, CA - Ecliptek Corporation is pleased to announce the addition of four new [LVCMOS Voltage Controlled Crystal Oscillator](#) (VCXO) offerings.

Supplementing Ecliptek's comprehensive line of frequency control products, these miniature six pad ceramic surface mount low profile VCXO devices utilize fundamental mode bulk acoustic wave (BAW) crystal technology for improved frequency stability and phase noise.

The new EV32C4 (3.3V), EV32C8 (3.3V), EV34C4 (2.5V) and EV34C8 (2.5V) series are available in a variety of configurations including a frequency stability as low as ± 50 ppm maximum and an operating temperature range of -40°C to $+85^{\circ}\text{C}$. Other features include frequencies up to 77.760MHz, tri-state (high impedance) control, and duty cycle of 50 ± 5 (%). These VCXO products offer absolute pull range (APR) performance to ± 100 ppm, reduced phase noise and excellent RMS phase jitter performance.

"This smaller package size and reduced supply voltage will provide our customers with more space on their PCB and decreased power consumption," said Thomas Culhane, Vice President of Engineering at Ecliptek Corporation.

These new VCXO series provide a low jitter, low phase noise source needed for high performance applications such as Digital Subscriber Line (ADSL and HDSL), Customer Premise Equipment (CPE), Hybrid Fiber Coax (HFC), MPEG Video, ATM/SONET/ SDH, Gigabit Ethernet, PCI Express, and Fiber Channel.

About Ecliptek

Founded in 1987, Ecliptek has become a leading supplier of frequency control products to the electronics industry. Ecliptek provides complete engineering support, unparalleled 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 sales@ecliptek.com.

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