



Ecliptek Press Release

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Ecliptek New MEMS LVPECL and LVDS SMD Oscillators Provide Low Jitter Solutions

September 9, 2009

Costa Mesa, CA - Ecliptek Corporation is pleased to announce the addition of four new LVDS and LVPECL six pad surface mount low profile 5.0mm x 7.0mm MEMS oscillators (MO). These new products enhance Ecliptek's extensive offering of MEMS frequency control products.

The new [EMCL12](#) and [EMCL13](#) (2.5Vdc and 3.3Vdc LVPECL output) and [EMDS12](#) and [EMDS13](#) (2.5Vdc and 3.3Vdc 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 frequencies up to 220MHz, tri-state (high impedance) control, complementary output, and duty cycle of 50 ± 5 (%). These products offer low RMS phase jitter as well as exceptional phase noise performance.

"We're very excited about delivering a MEMS oscillator with a low voltage differential signaling solution to our customers," said Thomas Culhane, Vice President of Engineering of Ecliptek Corporation. "These new products address today's high performance data transmission application requirements."

These Ecliptek MEMS Oscillator series provide low jitter differential clocking solutions for PCI-Express, Fiber Channel, Gigabit Ethernet, SATA/SAS and other networking 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 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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