



## Ecliptek Press Release

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### **New Ecliptek MEMS HCSL SMD Oscillators Provide Fast Delivery Solutions**

**November 11, 2009**

Costa Mesa, CA - Ecliptek Corporation is pleased to announce the addition of two new high frequency High Speed Current Steering Logic (HCSL) six pad surface mount low profile 5.0mm x 7.0mm MEMS oscillators (MO). These new series enhance Ecliptek's extensive offering of MEMS frequency control products.

The new HCSL output [EMSL12 \(2.5VDC\)](#) and [EMSL13 \(3.3VDC\)](#) are available in a variety of configurations including frequency stabilities as low as  $\pm 20$ ppm maximum and operating temperature ranges as wide as  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ . Other features include frequencies up to 220MHz, output enable or stand-by (high impedance) control, complementary outputs, low rms phase jitter, and duty cycle of  $50 \pm 5(\%)$ .

"The EMSL12 and EMSL13 product series provide a differential clocking solution for Peripheral Component Interconnect Express (PCIe) applications," said Thomas Culhane, Vice President of Engineering of Ecliptek Corporation. "These product offerings were designed to meet and exceed the low jitter reference clock requirements of PCIe."

These Ecliptek MEMS oscillator series provide low jitter differential clocking solutions for Fiber Channel, Gigabit Ethernet, FBDIMM, SATA/SAS, PCIe and other networking applications at a competitive price with minimal lead times.

#### ***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](http://www.ecliptek.com). The company's Email address is [sales@ecliptek.com](mailto:sales@ecliptek.com).*

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