

Ecliptek Introduces New LVDS MEMS Oscillators ± 20 ppm, Frequencies to 625MHz

*3.2mm x 5mm or 5mm x 7mm six pad SMD EMRE oscillator series
offer jitter reduction*

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Costa Mesa, CA - Ecliptek Corporation is pleased to announce the addition of four new low voltage differential signaling (LVDS) surface mount MEMS based oscillator series. These new [EMRE series](#) are a significant enhancement to Ecliptek's existing LVDS oscillator offerings, providing higher frequency operation combined with superior jitter performance.

The new 5mm x 7mm EMRE13 (3.3VDC) and EMRE12 (2.5VDC) series, in addition to the 3.2mm x 5mm EMRE23 (3.3VDC) and EMRE22 (2.5VDC) series are offered with output frequencies up to 625.000MHz in industry standard six pad SMD packaging. Available with a frequency stability of ± 20 ppm, Ecliptek's EMRE series MEMS oscillators have a lead time measured in days.

"We're very excited about delivering new low voltage differential signaling oscillator solutions to our customers," said Thomas Culhane, Vice President of Engineering of Ecliptek Corporation. "These new products are designed to exceed the low jitter reference clock requirements for high performance storage, network, and telecom applications."

These series of RoHS compliant MEMS clock oscillators present design solutions for a multitude of system reference and clock distribution applications. Available in commercial, extended commercial and industrial operating temperature ranges, the Ecliptek EMRE series offer a viable solution throughout the design cycle.

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 visiting Ecliptek's internet site at www.ecliptek.com. The company's email address is customersupport@ecliptek.com