Ecliptek Introduces New Extended Temperature Miniature Crystal

-40°C to +125°C operating temperature range now available in 2.5mm x 3.2mm low profile ceramic SMD package

September 3, 2014

Costa Mesa, CA - Ecliptek Corporation has improved its ability to support extended temperature range crystal applications with the addition of the new EA2532 series. Designed for extreme temperature performance, this new product is available in a multitude of configurations, including the -40°C to +125°C operating temperature range up to 48.000MHz.

Capable of ±10ppm Tolerance at 25°C, these robust parts offer an advantage to design teams looking for outstanding crystal performance in a miniature SMD package. Ideally suited for smaller portable devices used in non-temperature controlled environments, the EA2532 series provide improved frequency stability through the use of a bulk acoustic wave (BAW) quartz crystal resonator.

Typical applications for the EA2532 series include portable computers, digital cameras, gaming devices, and handheld medical equipment. Customers developing phase-locked loop and frequency synthesis, system reference or clock distribution circuitry will discover that this miniature crystal offers excellent design options.

Part number specific information for this new series has been integrated into Ecliptek's automated website tools, including the SmartSearch and Quick Quote apps. Ecliptek's advanced on-demand documentation tools provide easy access to Data Sheet, REACH, RoHS, China RoHS, and IPC-1752 documentation on well over two million crystal and oscillator part numbers.

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

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