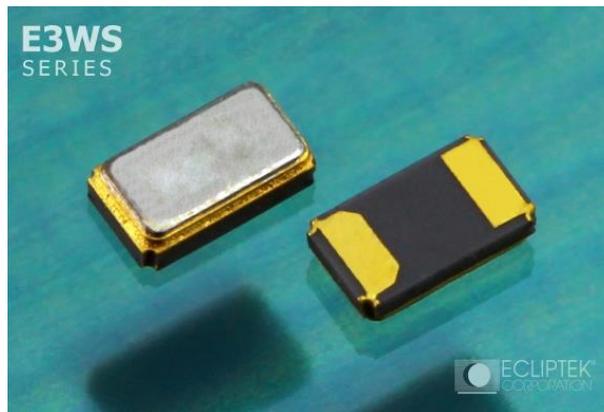


Mouser Introduces Ecliptek's 1.2MM X 2.0MM 32.768kHz Crystal Designed for the IoT Revolution

June 29, 2016

Costa Mesa, CA – [Mouser Electronics](#) is now shipping from stock Ecliptek's ultra-miniature [E3WS](#) series of SMD tuning fork crystals. This new 32.768kHz crystal series includes a -40°C to +85°C extended operating temperature range and is now available for remote and portable real time clocking applications where space is extremely limited. Ideal for contactless technology and PoE lighting, this versatile watch crystal can be used in critical RTC reference circuits that rely on a quality clock source. It also fits well into Wi-Fi, Bluetooth, IoT, wearable technology and industrial timekeeping applications.

"This miniature watch crystal is part of our ongoing effort to support the design community with products that suit their most challenging applications," stated Robert Zarrow, VP of Sales and Marketing at [Ecliptek Corporation](#). "The projected use of billions of internet connected devices in the not-too-distant future and the anticipated improvements in real-time analytics, predictive maintenance, troubleshooting, and forecasting within the industrial sector, where many of our customers live, are phenomenal. We're really excited to be part of the IoT and IIoT revolution."



This new fundamental mode E3WS series is Ecliptek's smallest 32.768kHz crystal offering. It operates in parallel resonance with a load capacitance of 12.5pF and has a frequency tolerance of ± 20 ppm.

Part number specific information for this product series is integrated into Ecliptek's interactive website tools, including the [SmartSearch](#) and [My Parts List](#) apps. Ecliptek's [advanced self-service documentation tools](#) provide easy access to Data Sheets, REACH, RoHS, China RoHS, IPC-1752 Material Declarations, Qualification and Reliability Reports, and Conflict Mineral documentation on all Ecliptek part numbers.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 4 million products online from more than 600 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 500,000 customers in 170 countries from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

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About Ecliptek

Ecliptek, a leading global manufacturer of crystal and oscillator products since 1987, continues to raise the bar for quality and excellence in the frequency control industry. Focused on unparalleled customer support, Ecliptek delivers innovative products and web-based tools that offer solutions to every customer from new designs to full-scale production. [More about us.](#)

