Ecliptek New Product Release

Ecliptek Introduces EA1012 Series Crystal in Ultra Miniature Package

November 9, 2017

Reno, NV - Ecliptek's EA1012 Series crystal is an ultra-miniature high performance component with outstanding electrical performance and package dimensions of 1.2mm x 1.0mm x 0.35mm. This product is ideal for high density board designs where size is critical, typical in the IoT and wearables markets. This product has developed frequencies for applications such as wearable fitness devices, GPS trackers, RF, and RFID tags.

Product Highlights:

- 1.2mm x 1.0mm x 0.35mm Ceramic SMD Package Size with four pads
- Frequency Range of 36MHz to 80MHz with 37.4MHz, 38.4MHz, and 52MHz developed.
- Tolerance Stabilities down to ±10ppm
- Operating Temperature Range to -40°C to +85°C
- Load Capacitance of 7pF standard or specify
- Superior auto pick and place and board adhesion

Additional Applications:

- IoT
- Bluetooth
- BLE
- ZigBee
- USB 2.0/3.0
- Sonet/SDH
- 802.11/Wifi
- Imaging devices
- PC peripheral storage devices

Part number specific information for this product series is integrated into Ecliptek's interactive website tools, including the Smart Search 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 Ecliptek

Ecliptek LLC, an ILSI America Company and a leader in frequency control product solutions, continues to raise the bar for quality and excellence in the frequency control industry. Since our inception in 1987, we remain focused on unparalleled customer support as well as delivering innovative frequency control product solutions to every customer, from new designs to full scale production. We offer a wide range of quartz and MEMS frequency control products, including surface mount and thru-hole solutions that serve every aspect of the global timing market.