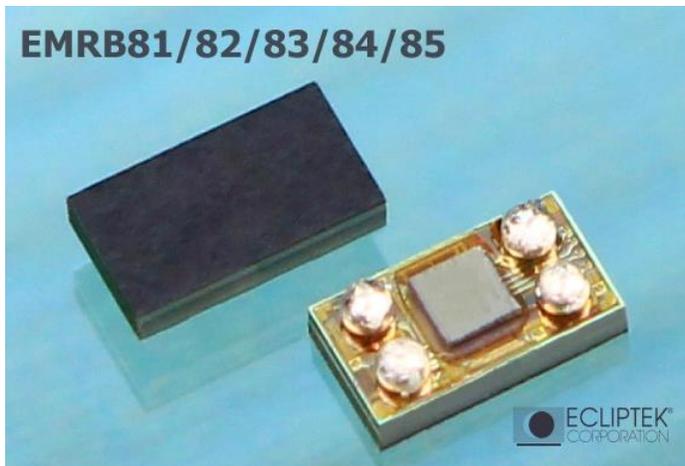


Five New 32.768kHz CSP Oscillators Series Deliver Superior Power Performance

July 20, 2016

Costa Mesa, CA – As its global customer base increases its demand for lower power 32.768kHz oscillators for connectivity applications, Ecliptek Corporation has responded by developing five new 1.5mm x 0.8mm Chip Scale Package (CSP) LVCMOS MEMS oscillators. The new EMRB8 family offers multiple supply voltage configurations including 1.8VDC and a -40°C to +85°C extended operating temperature range, making them well suited for remote and portable RTC designs.

“These new MEMS chip scale oscillators have very low current draw, making them ideal for power sensitive battery management and portable system reference circuit applications,” said Thomas Culhane, Vice President of Engineering at Ecliptek. “They deliver superior frequency stability performance where board space is extremely limited and are ideal for many end products including IoT devices, wearables, home automation, and industrial timekeeping applications.”



Supply Voltage	Chip-Scale Package
3.3V	EMRB83
3.0V	EMRB85
2.8V	EMRB84
2.5V	EMRB82
1.8V	EMRB81

Available in a variety of configurations including frequency stabilities as low as ± 75 ppm maximum and a frequency tolerance of ± 20 ppm at 25°C, these new series are housed in a 0.8mm by 1.5mm chip-scale-package (CSP).

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 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 customer solutions to every customer for new designs to full-scale production. [More about us.](#)

