



NEWS RELEASE

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Connor's Time to Frequency Converter EH320-TFC-CC-DK1 Synchronizing OCXO



Aurora, IL — Connor-Winfield's EH320-TFC-CC-DK1 Series represents a fresh approach to precision timing offering synchronized multiple output clocks in a single 22x25mm module. This highly integrated module combines an NPLL system with an APLL system that converts an incoming 1PPS signal to multiple phase locked clock outputs including a phase locked 1PPS 3.3V LVCMOS output. The onboard OCXO is internally and dynamically calibrated offering a free run or holdover stability of < 1ppb over the full operating temperature range. Phase locked frequencies are preset at the factory, but a wide variety of output frequency combinations from 152 Hz to 730MHz are available on request. These modules will alternatively operate as a holdover OCXO without an incoming 1PPS reference. With excellent thermal stability, 2E-12 short term stability, and ± 0.2 ppb/day aging performance, these modules are an excellent choice for applications in a number of wireless communication systems that benefit from ultra-stable frequency performance. This synchronizing OCXO series provides precision frequency control over standard commercial or industrial temperature ranges.

Applications:

- Basestations, Communications
- Network Synchronization, IEEE1588
- Software Define Radio

Features:

- 22 x 25x 16.5mm SMD Package
- Five Output frequencies Available: 152Hz to 730.0 MHz
- +3.3 Vdc Operation
- Output Logic: LVCMOS
- Frequency Stability: ± 0.2 ppb, ± 0.5 ppb, or ± 1.0 ppb, -40 to 85°C
- Fixed Output Frequency Operation
- Low Phase Noise Floor < -160dB
- RoHS Compliant / Lead Free

Price: \$105, 1K quantity

For more information contact:
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