



NEWS RELEASE

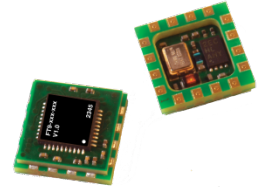
The Connor-Winfield Corporation

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For Immediate Release

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Connor-Winfield's new FT9-CC Compensating module

Aurora, IL — Connor-Winfield's FT9-CC Series module represents a fresh approach to high precision frequency control offering two synchronized and translated clock outputs when connected to an incoming 10 MHz MCLK signal. This highly integrated module combines a numerically controlled oscillator (NCO) system with an APLL system that converts an incoming 10MHz 3.3V MCLK source signal and generates up to two phase locked clock outputs at frequencies derived from an onboard low phase noise VCXO. The module requires an external 10MHz 3.3V signal which can be sourced from an OCXO or 10MHz TCXO providing the user with great flexibility in determining the performance characteristics of the system. The special feature of this module is that it can accept information from a temperature sense enabled (TSE) OCXO or TCXO and automatically generate compensating frequency offset adjustments to reduce the thermal instability in the TSE MCLK oscillator capable of reaching sub-PPB stability performance over the operating temperature range. Initial parameters are preset at the factory, including output frequency, which is based on an onboard, low phase noise VCXO.

Applications:

- 5G Base stations, Communications
- Network Synchronization, IEEE1588
- Software Define Radio

Features:

- 9.2 x 9.2mm SMD Package
- Output frequencies Available: 8kHz to 156.25 MHz
- +3.3 Vdc Operation
- Output Logic: LVCMOS
- RoHS Compliant / Lead Free

Price: \$25.00 1K quantity

For more information contact:
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