

Frequency Reference Module with Built-In Distribution Amplifier

MtronPTI announces the M9103 Series 10 MHz Frequency Reference, an extremely small Global Positioning System Disciplined Oscillator (GPSDO) that has a built-in distribution amplifier and a high-performance GPS receiver. The module is backward form, fit, and function compatible to the MtronPTI M9101D Series GPSDO, and offers higher performance and additional functionality in the same footprint. The M9103 Series also provides specialized support for airborne applications by providing avionics systems with 3D-Velocity Vector, Attitude (Q3/09), Speed, Heading, Height (both MSL and GPS Height), Position, Time, Date, Frequency, Time-Stamping, and Health information. Measuring 1.5" x 3.0", the M9103 Series provides Stratum-1 long-term performance of better than 5 parts per Trillion (5E-012) averaged over 24 hours and also features a built-in 3-port distribution amplifier with +13dBm Sine Wave outputs and isolation of typically better than 80 dB at 3 GHz, and 90 dB at 10 MHz.

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<http://www.wirelessdesignmag.com/product-releases/2009/10/frequency-reference-module-built-distribution-amplifier>