Connor-Winfield’s New IEEE 1588 OCXO Provides Excellent Frequency Stabilities and Aging

Connor-Winfield’s new high stability SMD OH300 series of OCXOs provide an excellent capability to support IEEE 1588 system requirements. This SC crystal based design maximizes short term stability, frequency stability over temperature and extremely low aging rates. Offering standard frequencies like 5M, 10M, 12.8M, 13M, 19.44M, 20M and 20.48M, this model can be configured to provide exceptional performance for short term stability to the level 5x10 -12, stability over temperature of 1x10-9 and daily aging rates of 5x10-10. Package size is 22x25x12.7mm.

The OH300 series is available with LVCMOS, HCMOS of Sine output along with electronic frequency tuning. Power requirements are 3W over the commercial temperature range and 4.5W over the industrial temperature range. The high stability OH300 series oscillators are exceptionally precise frequency standards, excellent for use in IEEE 1588 systems, Synch E, cellular base stations, Stratum 3E, VSAT and test equipment applications.

Features and Configurations:
· Frequency Range: 5 to 40 MHz
· OCXO Fixed Frequency
· OCVCXO Voltage Controlled Frequency
· 3.3 VDC to 5.0 VDC Operation
· Available Frequency Stabilities:
±10 ppb

±20 ppb
±50 ppb
· Available Temperature Ranges:
0? to 70?C
-20? to 70?C
-20? to 75?C
-40? to 70?C
-40? to 85?C
· Low Phase Noise/Phase Jitter
· CMOS Output Logic or Pure Sine
· SMT Package: 22 x 25 x 12.7 mm
· RoHS Compliant/Lead Free
Pricing: $55 at 1K

Connor-Winfield products are designed and produced in the USA.

For more information please visit, http://www.conwin.com/ [1]

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Links:
[1] http://www.conwin.com/