Super TCXO MEMS Timing Solution

4/20/2021 – San Jose, California: RFMW announces design and sales support for SiTime’s SiT5356 series of MEMS Super-TCXOs. The SiT5356 series oscillators deliver ±100 ppb stability performance and can be factory-programmed to any combination of frequency (from 1 to 60 MHz), voltage and pull range. Fully compliant to the GR-1244 Stratum 3 oscillator specifications, SiTime’s unique DualMEMS™ and TurboCompensation™ temperature sensing technology deliver stable timing in the presence of environmental stressors – airflow, temperature perturbation, vibration, shock, and electromagnetic interference (EMI). Programmability enables designers to optimize the clock configuration while eliminating the long lead time and customization costs associated with quartz TCXOs where each frequency is custom built. For example, the SIT5356AE-FQ-33N0-20.000000 is programmed for 25 MHz, LVCMOS output with a 2.5 volt supply. Applications include, Synchronous Ethernet, Smallcells, IEEE1588 boundary clocks, Optical Transport, Radar, Wireless backhaul, Defense and Aerospace.

Samples are available for qualified requirements through RFMW at 1-877-FOR-RFMW (367-7369) within North America; or please find your local sales engineer (worldwide) at the contact page on the RFMW web site.

About RFMW

RFMW is a specialty electronics distribution company focused exclusively on serving customers that require RF and microwave components and semiconductors, as well as component engineering support. The company continues to expand its list of products from selective suppliers with RF/microwave expertise. RFMW deploys a highly experienced, technically skilled team to assist customers with component selection and fulfillment.

To learn more about RFMW, visit their Website at www.rfmw.com, or call us at 1.877.FOR.RFMW (367-7369), or via e-mail at info@rfmw.com.

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