Rugged MEMS Oscillators resist 30,000G Shock

11/7/2019 – San Jose, California: RFMW announces design and sales support for rugged, MEMS-based timing solutions from SiTime. SiTime Endura™ oscillators boast the highest robustness and reliability such as 0.004 ppb/g acceleration sensitivity, 30,000g shock, 70g vibration resistance, one billion hour MTBF and ±500 ppb 20 year aging. The Endura series includes single-ended and differential XOs, TCXOs and VCXOs. Engineered for harsh environments and conforming with MIL-PRF-55310 and MIL-STD-883 specifications, Endura oscillators are ideal for high-reliability aerospace and defense applications such as munition guidance, vehicle comms/telemetry, command/control, avionics & drones, satellite GNSS and field communication systems. For example, the SiT5349, ultra-precision TCXO platform offers ±50 ppb stability over temperature with an operating temperature range of 0 to 70 degrees C and frequencies ranging from 60 to 220 MHz.

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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