PRODUCT RELEASE

For details, contact:
John Hamilton
VP of Marketing
E-mail: john.hamilton@rfmw.com
Phone: (408) 414-1448

XCalibur™ MEMS Resonators replace Crystals

3/8/2022 – San Jose, California: RFMW announces design and sales support for SiTime MEMs resonators. SiTime XCalibur™ active resonators are designed to replace 4-pin SMD crystal resonators in demanding applications such as automotive, industrial, and enterprise equipment. They provide excellent stability over a wide temperature range, greater reliability, reduced BOM, and ease-of-design. With short lead times and the elimination of design issues related to quartz crystal resonators such as cold startup, EMI problems, the need for motional impedance (ESR) and negative resistance testing at every design and layout cycle, these active resonators greatly reduce time-to-market. The need for parallel resonant XTAL tuning capacitors is also eliminated. And as an active device, they can drive two clock inputs, further reducing component count. Typifying performance, the SiT1408BI-11-18N-26.000000 operates at 26 MHz, with an all causes stability of 20 ppm over -40 to 85C in a 2.5 x 2.0 mm package.

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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