Digitally Controlled OCXO solves 5G Synchronization Challenges

2/24/2021 – San Jose, California: RFMW announces design and sales support for a MEMS-based, digitally controlled OCXO platform. SiTime’s Si5721 digitally controlled OCXO offers ±5 to ±8 ppb stability at frequencies from 1 to 60 MHz. These devices can be used to replace legacy quartz VCOCXOs in emerging 5G and IEEE 1588 synchronization applications while improving overall system performance and robustness with 10 times better dynamic stability (150 ppt/°C ΔF/ΔT), resistant to airflow and thermal shock. I2C digital frequency tuning eliminates board noise and no mechanical shields are needed. Combined with a 9 x 7 mm footprint, the Si5721 offers unmatched ease-of-use and eliminates restrictions on PCB placement. On-chip power supply noise filtering eliminates the need for a dedicated LDO.

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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