

Extended cooperation between Protec GmbH and Q-Tech

We are now also responsible in Italy, Spain, Portugal, Hungary, Czech Republic, Rumania, and Poland



New Space Oscillators

50krad, MIL-PRF-55310
Level B + PIND

QT780 Series

2 & 4 Point mount available
5x7mm and 7x9mm Packages
XO → CMOS, LVDS, LVPECL

QT723 & 735 Series

2 Point mount
5x7mm and 7x9mm Packages
XO → CMOS, LVDS, LVPECL



Space-Qualified Oscillators with Multiple CMOS Outputs

Offering a master clock for multiple FPGAs is a desirable feature in many satellite and aerospace applications," said Scott Sentz, Q-Tech's Director of Sales and Marketing. "Q-Tech has led the way in this area with our LVDS output series. This new series provides designers with a choice of LVDS or CMOS logic, allowing added design optimization choices.



Q-Tech is releasing a list for all Space Parts they have in stock, every Month, please contact us if you have a urgent need for Space Oscillators, Q-Tech might have them in stock or at least similar to your needs. (see attached stock list from this week)



LOW PHASE NOISE SPACE OCXO

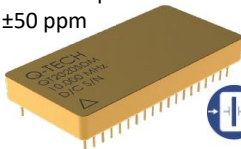


Q-Tech's High Stability Oven Controlled Crystal Oscillator (OCXO) is a high reliability signal generator that provides Sine wave or HCMOS output. The OCXO is designed to be used in Aerospace applications. It is designed to withstand radiation level up to 100kRad (*) (total dose), high shock and vibration. The OCXO has very low phase noise. Low G-Sensitivity SC-Cut Crystal utilized in the design guarantees 1PPB/G or better. The reliable construction of this design qualifies it for stringent environmental applications.

QT2020 MCXO

OCXO performance with less than 90mW

- SWaP much better than traditional OCXOs
- As low as ± 10 ppb frequency stability performance
- Initialization time: 5s from power on to full performance
- Startup 20 ms to ± 50 ppm
- 50kRad (Si) TID



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