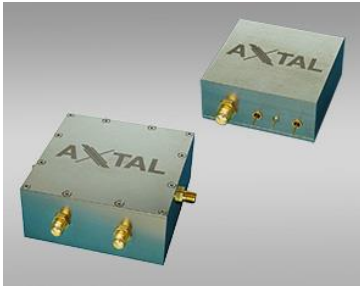




Q-Tech Announces US Market Availability of the Full Line of the AXTAL GHz Series of Ultra-Low Noise Crystal-Controlled Sources and Custom Modules

Radar and communications systems along with RF measurement systems are critical applications supported by AXTAL GHz Series Quartz and SAW resonator-based frequency sources

Cypress, CA—December 4, 2024 — [Q-Tech Corporation](#) – a leading global supplier of space-qualified crystal oscillators and high-performance frequency control systems – announces the introduction of the [AXTAL GHz Series](#) of high-performance/ultra-low noise/high-frequency crystal oscillators and modules to the U.S. market. Developed and manufactured by Q-Tech’s recently acquired European affiliate, AXTAL, these ultra-low phase noise (close-in and noise floor) crystal-controlled sources offer competitive packaging and performance advantages in a range of applications (military, aviation and space). Benefits include higher resolution and accuracy for radar systems, better quality and more transmittable information in communication systems, and higher accuracy and a lower measurement limit in RF measurement systems.



The GHz Series comprises a wide variety of crystal oscillator types, from SAW clocks to customized versions of ultra-low noise OCXOs, that allow odd frequencies and modules with multiple outputs. In addition to radar and communication systems, the GHz Series improves performance in transponders, synthesizers and RF measurement equipment.

“Radar and similar applications require frequency generation up to the Gigahertz range,” said Scott Sentz, Q-Tech’s VP of sales and marketing. “Our AXTAL GHz Series not only offers ultra-low noise OCXOs operating at the crystal frequency – but also entire custom modules that generate Gigahertz signals using frequency multiplication and/or PLL techniques. The modules are fully customizable, which saves the customer time and effort to take care of the entire frequency generation chain.”

Availability: Now
Delivery: 4-26 weeks depending on the model (and customization effort)
Price: Consult factory

About Q-Tech

[Q-Tech Corporation](#) was founded in 1972 with the objective of providing state-of-the-art crystal clock oscillators and frequency control solutions for companies with demanding applications. As the leading U.S. manufacturer of qualified products to MIL-PRF-55310 as well as ultra-high reliability standards such as Aerospace Corporation TOR (GPS III) and NASA GSFC specifications, Q-Tech proudly services the military, aerospace, down-hole and deep space industries. Q-Tech is certified to the AS9100 and ISO 9001 Quality Management Systems. The Company maintains a global presence with sales capabilities throughout North America, Europe, and Asia. In early 2023, Q-Tech completed the acquisition of Axtal GmbH & Co KG. The Axtal acquisition integrates the company’s products, European-based engineering development and ISO9001:2015 manufacturing facilities.

Editorial Contact:
Scott Sentz
VP, Sales & Marketing
Q-Tech Corporation
+1.310.836.7900 ext.110
scott.sentz@q-tech.com

Agency Contact:
Greg Evans, P.E.,
Account Executive
WelComm, Inc.
858.633.1911
greg@welcomm.com