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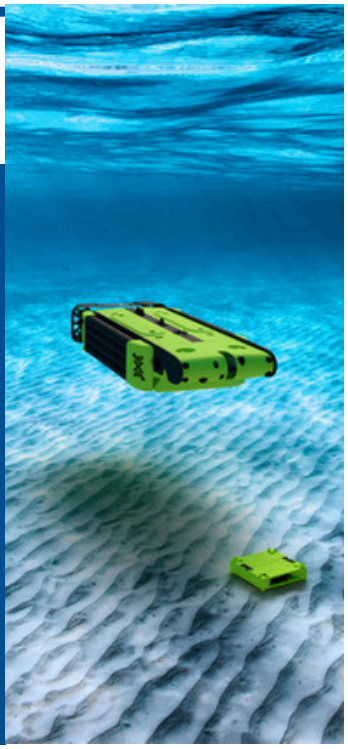
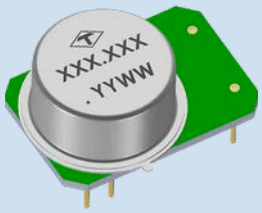
Taitien Unveils Ultra Low Power OCXO Series, Powering Precision in Challenging Environments

NF-16M384-7000 and NF-10M-7000: Ultra-low power and superior stability for aviation, maritime, ocean-bottom nodes, SATCOM, and precision monitoring applications.





As wireless communication, IoT, and precision positioning grow, the demand for low-power, high-stability solutions continues to rise. Traditional OCXOs offer stability but consume too much power. Taitien's Ultra Low Power OCXO series combines low power, fast warm-up, and excellent stability for reliable performance in challenging environments.

Key Advantages

Ultra-Low Power Consumption

- NF-16M384-7000: < 75mW @ 25°C
- NF-10M-7000: < 150mW @ 25°C

Outstanding Stability and Precision

- ±10 ppb
- Aging: 0.2–0.5 ppb/day

Fast warm-up and Low Phase Noise

- Fast Warm-up: 60 seconds
- Low Phase Noise: -165 dBc/10KHz

Designed for Critical Applications

Taitien's Ultra Low Power OCXO series ensures precise timing with low power and high stability across key industries. In aviation, maritime, and SATCOM systems, it ensures reliable communication with low noise and vibration resistance. Ocean-bottom nodes benefit from low power and aging rates for long-term deployment. For medical and testing equipment, fast warm-up supports real-time operations.

Conclusion

Taitien's Ultra Low Power OCXO series—NF-16M384-7000 and NF-10M-7000—provides engineers with energy-efficient solutions for reliable performance across critical applications.

Act Now!

Explore the Taitien Ultra Low Power OCXO series today! Visit our website or contact Taitien's sales team to power your designs toward a more efficient, reliable future.