



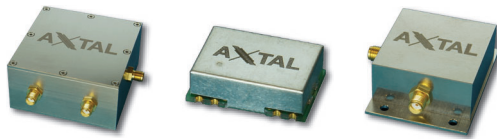
**Q-TECH**  
CORPORATION

**AXTAL**  
a Q-TECH Company

## Specialty Products

### Phase-Locked Oscillators

Output up to 10GHz  
Input 5-100MHz  
Ultra-low Phase Noise



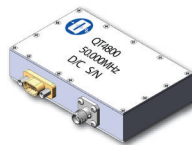
### Vibration Isolated Oscillators

50MHz -450MHz  
 $\pm 100$  to  $\pm 300$ ppb stability  
Ultra-low Phase Noise



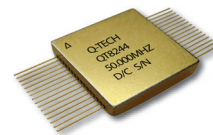
### Single Board OCXO for Space

1MHz - 125MHz       $\pm 10$  to  $\pm 20$ ppb stability  
Radiation Hardened  
Low Phase Noise and Jitter



### Multiple Output XO/TCXO

15MHz - 200MHz       $\pm 0.5$  to  $\pm 4$ ppm stability  
100kRad(Si) TID  
Low Phase Noise and Jitter



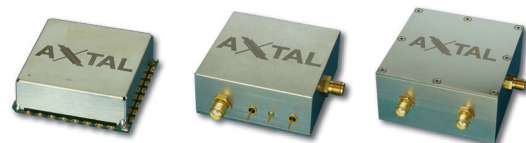
### Crystal Filters for Space

10-100MHz  
Customer Specific Monolithic Filters  
100KRad(Si) TID



### GHz Frequency Sources

SPXO, VCXO, TCXO, OCXO  
Ultra-Low Noise up to 10GHz



### Frequency References and Distribution Units

OCXO, GPS Disciplined Oscillators, Atomic Clocks  
1PPS and 10MHz Frequency Distribution

