

VFT14AS Series

Micro-miniature, Evacuated CXO

Product Data Sheet

Features

- Smallest OCXO available ($< 1 \text{ cm}^3$, 2g weight)
- SC-cut crystal
- High Vacuum Sealed Enclosure
- Extremely Low Power Consumption ($< 100 \text{ mW}$)
- Very Fast Warm-up Time (15s)
- High Stability (up to $\pm 5 \times 10^{-9}$ over 0°C to 50°C)
- Low Aging (5×10^{-10} /day, 5×10^{-8} /year)
- Very Low Phase Noise (-160dBc/Hz TYP)
- HCMOS/TTL output, sine available
- 4.8 MHz to 180 MHz Frequencies Available
- DIL 14 “gull-wing” compatible pinout



Applications

- Telecommunications
- Data Communications
- Battery Powered Systems and Equipment
- GPS
- Instrumentation
- SARSAT Beacons



