



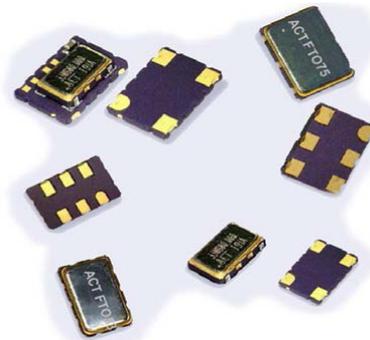
## New Release from ACT: Fast Lead Time Oscillators!

- TCXO, VCTCXO, VCXO, XO and XO low jitter oscillators are now available.
- A cost effective solution to replace conventional noisy PLL multiplier/s and expensive high frequency fundamental devices.
- Devices are RoHS Compliant

### Product: VTFCT75-4, TFCT75-4

#### TCXO / VCTCXO Features

- 2.8, 3.0, 3.3VDC
- HCMOS/TTL
- Low current (8-20mA)
- Wide frequency range 1-200MHz
- 7x5mm ceramic seam sealed package
- Stability to  $\pm 1$ ppm,  $-40+85^{\circ}\text{C}$
- pk-pk period jitter 70ps (133MHz)

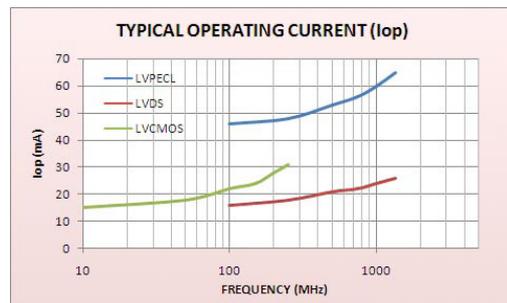


### Product: FTV Series

#### VCXO Features

- 2.5, 3.3VDC
- HCMOS/TTL, LVPECL, LVDS
- Low current
- Wide frequency range 10-1450MHz
- 7x5mm and 5x3.2mm ceramic seam sealed package
- Stability typically  $\pm 50$ ppm,  $-40+85^{\circ}\text{C}$
- RMS phase jitter 1.0ps

#### FTV / FT0

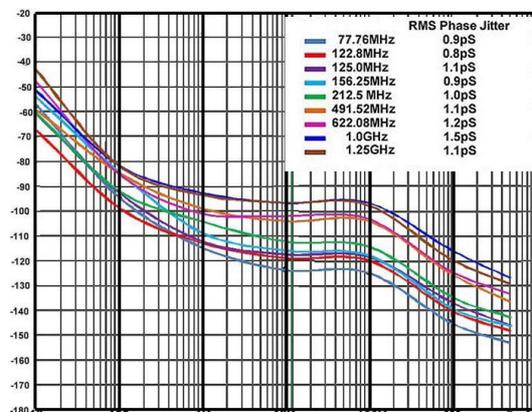


### Product: FT0 Series

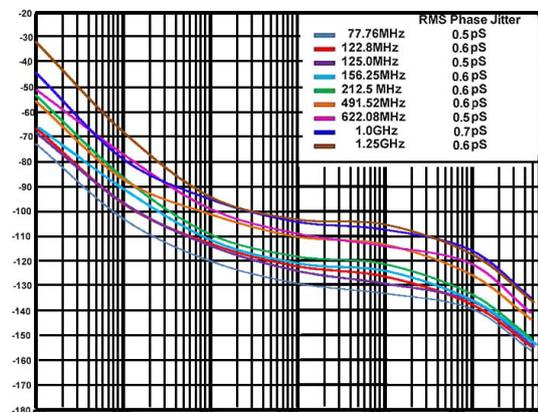
#### XO Features

- 2.5, 3.0VDC
- HCMOS/TTL, LVPECL, LVDS
- Low current
- Wide frequency range 10-1450MHz
- 7x5mm and 5x3.2mm ceramic seam sealed package
- Stability typically  $\pm 50$ ppm,  $-40+85^{\circ}\text{C}$
- RMS phase jitter 1.0ps
- Low jitter option, RMS Phase jitter 0.6ps

#### VCXO / XO Phase Noise



#### XO low jitter option



Datasheets and additional information can be found on [www.actcrystals.com](http://www.actcrystals.com)