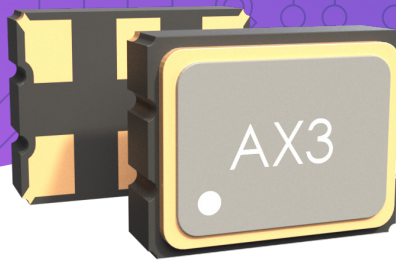


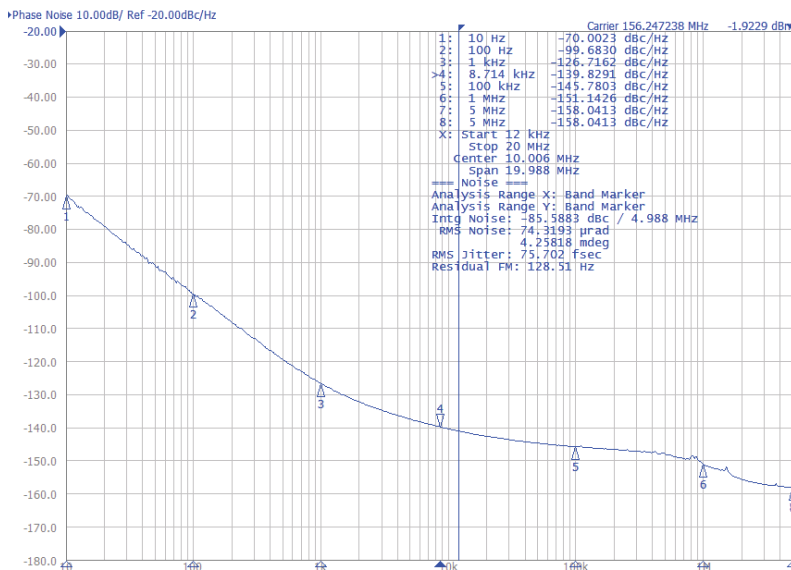
# AX3 ClearClock™

Ultra-Low <80fs Jitter Performance  
Power Optimized Oscillator



F=156.2500MHz | Vdd=3.3V | LVPECL  
**RMS Phase Jitter = 75fs**

## FEATURES



- Exceptionally Low RMS Jitter:  
    <80fs Typ (100fs Max @ 156.25MHz)
- Available in industry standard frequencies:  
    100MHz to 200MHz
- Lowest power consumption in its class:  
    16mA Typ LVDS @ 156.25MHz
- ±25ppm stability:  
    Over -40 to +85°C
- 3.3V, 2.5V, 1.8V supply voltage options
- LVPECL, LVDS, HCSL available differential outputs
- Industry standard 3.2 x 2.5 x 1.0 mm Footprint
- Available in Abracon's Global Distributor Network



## APPLICATIONS



PCI Express

Data Center

Networking & Communication

Test & Measurement

10G/40G/100G Optical Ethernet

RF Systems, Base Stations (BTS)