**FMOCHT SERIES**

**Crystal Oscillators**

**SPECIFICATIONS**

- **Frequency Range**: 10 Hz to 120,000 MHz
- **Overall Frequency Tolerance**: ±100ppm, ±250ppm, ±300ppm, Custom available
- **Operating Temperature**: 0 to +300°C Std. (DIPs Only, TO packages to +210°C) Custom Avail.
- **Storage Temperature**: -55°C to +240°C (option: to +300°C)
- **Supply Voltage (Vdd)**: 1.2V, 1.8V, 2.5V, 3.3V, 5V ±10% (option: 12V to 18V)
- **Symmetry (Duty Cycle)**: 40/60% min, 45/55%, Other
- **Logic**: CMOS, LVCMOS, HCMOS/TTL, Sinewave available
- **Tri-State Control**: Optional
- **Output "0" Level**: Output Disabled HI-Z
- **Output "1" Level or Open**: Oscillation
- **Screened to MIL-PRF-55310**: Available
- **Package Options**: 1/2 Size 8-Pin DIP; Full Size 14-Pin DIP & TO-5

All specifications subject to change without notice.

**ULTRA LOW-POWER ETXO**

**Extreme Temperature Thru-hole Crystal Oscillators**

- **Frequency Range**: Up to 120 MHz
- **Stability**: As Low as ±50 ppm (0 to +200°C)
- **Supply Current**: As Low as ....
  - 0.6 mA @ 3.3V @ 20 MHz
  - 0.02 mA @ 3.3V @ 32.768 kHz

Ask about our extreme low power 16.384 kHz clocks

**AVAILABLE**

- Request Information on our +280°C Crystal Oscillator with Operating Life ≥ 8000 Hours
- Temperature Sensing Oscillators with 48 ±1ppm/ºC Slope
- Space Level Compatible Manufacturing & Screening Process

**PLEASE CONTACT US FOR PART NUMBERS, HOW TO ORDER,**

**ADDITIONAL PRODUCT SPECIFICATIONS & OR WITH YOUR CUSTOM REQUIREMENTS**