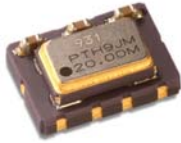




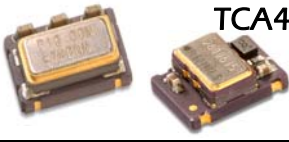
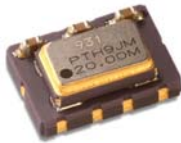


Pletronics

TCXO's

Temperature Compensated Voltage Controlled Crystal Oscillators

RoHS 6/6 Compliant

Series	Features	Stability	Package Size
 THA4	8.0 MHz–52 MHz ♦ CMOS ♦ 2.7V–5.25V ♦ High Accuracy	± 0.3 ppm over –40° to +85°C ± 0.25 ppm over 0 to +70°C ± 0.1 ppm over +20° to +60°C	5 x 7 mm
 TSA4	8.0 MHz–40 MHz ♦ CMOS ♦ 2.7V–5.25V ♦ Lowest cost TCXO w/ CMOS output	± 1.0 ppm over –40° to +85°C	5 x 7 mm
 TCF4	10 MHz–40 MHz ♦ Clipped Sine ♦ 1.7V–3.5V ♦ Smallest footprint	± 1.0 ppm over –30° to +85°C	2.0 x 2.5 mm
 TCE4	10 MHz–40 MHz ♦ Clipped Sine ♦ 1.7V–3.5V	± 1.0 ppm over –30° to +85°C	2.5 x 3.2 mm
 TCD4 *TCD4012 for Femtocell	10 MHz–40 MHz ♦ Clipped Sine ♦ 2.7V–3.5V	± 0.1 ppm over +20° to +60°C ± 0.25 ppm over 0 to +70°C ± 0.5 ppm over –30° to +85°C	3.2 x 5 mm
 TCA4	10 MHz–26 MHz ♦ Clipped Sine ♦ 2.7V–5.25V	± 1.0 ppm over –40° to +85°C	5 x 7 mm
 TBA4	8.0 MHz–52 MHz ♦ Clipped Sine ♦ 2.7V–5.25V ♦ High Accuracy ♦ Best phase noise	± 0.3 ppm over –40° to +85°C ± 0.25 ppm over 0 to +70°C ± 0.1 ppm over +20° to +60°C	5 x 7 mm

APPLICATIONS

- ♦ Wireless Communication
- ♦ Base stations
- ♦ Handsets
- ♦ Point to point radios
- ♦ Broadband access
- ♦ GPS
- ♦ Test equipment

COMMON FREQUENCIES (MHz)





10.0	19.6608
12.8	20
13	20.48
16	25
16.367667	26
16.384	27
16.8	32.768
19.2	38.4
19.44	40



Pletronics

Femtocell TCVCXO

3.2 x 5 mm Ceramic LCC package
RoHS 6/6 Compliant

Series	Features	Stability	Package Size
 TCD4012	16.384 MHz, 19.2 MHz, 26.0 MHz ◆ <u>Clipped Sine</u> ◆ 2.7V–3.5V ◆ VCXO function +/- 8.0 ppm	± 0.10 ppm +20° to +60°C	3.2 x 5 mm
 TCD4025	19.2 MHz ◆ <u>Clipped Sine</u> ◆ 2.7V–3.5V ◆ VCXO function +/- 8.0 ppm	± 0.10 ppm +0° to +70°C	3.2 x 5 mm
 TCD4027	26.0 MHz ◆ <u>Clipped Sine</u> ◆ 2.7V–3.5V ◆ VCXO function +/- 8.0 ppm	± 0.10 ppm +0° to +70°C	3.2 x 5 mm
 TCD4029	26.0 MHz ◆ <u>Clipped Sine</u> ◆ 2.7V–3.5V ◆ VCXO function +/- 8.0 ppm	± 0.10 ppm +0° to +80°C	3.2 x 5 mm
 TCD4032	19.2 MHz ◆ <u>Clipped Sine</u> ◆ 2.7V–3.5V ◆ VCXO function +/- 8.0 ppm	± 0.10 ppm +0° to +80°C	3.2 x 5 mm