



PLETRONICS




Stratum III and Small Cell TCVCXO's

RoHS 6/6 Compliant

Stratum III

Series	Features	Stability	Package Size
 THA3 Stratum III	Stratum III ♦ HCMOS	± 0.28 ppm -40° to $+85^{\circ}\text{C}$	5x 7 mm
 THD3 Stratum III	Stratum III ♦ HCMOS ♦ Smallest Stratum III footprint	± 0.28 ppm -40° to $+85^{\circ}\text{C}$	3.2 x 5 mm

LTE, Metrocell, 3G, Small Cell Additional Configurations Available

Series	Features	Stability	Package Size
 TCD4050	Small Cell 20.0 MHz ♦ <u>Clipped Sine</u> ♦ 2.7V–3.5V ♦ VCXO function +/- 8.0 ppm	± 0.10 ppm 0° to $+80^{\circ}\text{C}$	3.2 x 5 mm
 TCD4029	Small Cell 26.0 MHz ♦ <u>Clipped Sine</u> ♦ 2.7V–3.5V ♦ VCXO function +/- 8.0 ppm	± 0.10 ppm 0° to $+80^{\circ}\text{C}$	3.2 x 5 mm
 TCD4032	Small Cell 19.2 MHz ♦ <u>Clipped Sine</u> ♦ 2.7V–3.5V ♦ VCXO function +/- 8.0 ppm	± 0.10 ppm 0° to $+80^{\circ}\text{C}$	3.2 x 5 mm

APPLICATIONS




COMMON FREQUENCIES (MHz)

♦ Wireless Communication	10.0	20
♦ Base stations	12.8	25.6
♦ Narrow Band Radio	13	26
♦ Seismic Metering	16.384	27
♦ Broadband access	16.8	31.25
♦ GPS	19.2	38.88
	19.44	40

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TCXO's

Temperature Compensated Voltage Controlled Crystal Oscillators

Series	Features	Stability	Package Size
 NCF4 Latest Generation TCXO	10 MHz–40 MHz ◆ <u>Clipped Sine</u> ◆ 1.7V–3.5V	± 0.5ppm over –30° to +85°C	2.0 x 2.5 mm
 NCE4 Latest Generation TCXO	10 MHz–40 MHz ◆ <u>Clipped Sine</u> ◆ 1.7V–3.5V	± 0.5ppm over –30° to +85°C	2.5 x 3.2 mm
 TSA4	8.0 MHz–40 MHz ◆ <u>CMOS</u> ◆ 2.7V–5.25V ◆ Lowest cost TCXO w/ CMOS output	± 0.50 ppm over –30° to +85°C	5 x 7 mm

APPLICATIONS	COMMON FREQUENCIES (MHz)	
◆ Wireless Communication	10.0	19.6608
◆ Base stations	12.8	20
◆ Handsets	13	20.48
◆ Point to point radios	16	25
◆ Broadband access	16.367667	26
◆ GPS	16.384	27
◆ Test equipment	16.8	32.768
	19.2	38.4
	19.44	40