

# Product Line up

## Voltage Controlled Crystal Oscillators (VCXO)

### Applications

- ▶ PON
- ▶ COTS
- ▶ Medical
- ▶ Fibre Channel
- ▶ Telecom
- ▶ Digital Video
- ▶ Ethernet, GbE, SynchE
- ▶ Storage Area Networking

### Overview

Pletronics VCXO has wide flexibility to tune up your frequency variation. The superior absolute pull range and linearity enable easier control for frequency variation calibration and result in a tight stability clock timing reference. It is the best fit for network access storage, base station, broadband, digital video, testing and instrument applications.

### Product Line up

Product Series	Output Logic	Frequency Range	Stability	VDD	I <sub>dd</sub> (max)	APR/**Pullability (min)	Package Size
VHA6	CMOS	1 to 108MHz		3.3V	5mA (1 to 80MHz) 20mA (>80 to 108MHz)	50ppm (1 to 108MHz) 100ppm (1 to 69MHz)	7.0 x 5.0mm
VHD6	CMOS	1 to 112MHz		3.3V	5mA (1 to 80MHz) 20mA (>80 to 112MHz)	50ppm (1 to 112MHz) 100ppm (1 to 69MHz)	5.0 x 3.2mm
VP77Q	LVPECL	10 to 1500MHz		3.3V	50mA	50ppm	7.0 x 5.0mm
VL77Q	LVDS	10 to 1500MHz		3.3V	50mA	50ppm	7.0 x 5.0mm
VC22H*	CMOS	50 to 125MHz	±25ppm	3.3V	30mA	**25ppm	13.9 x 9.1mm
VC22S*	Sinewave	50 to 125MHz	±25ppm	5V	30mA	**30ppm	13.9 x 9.1mm

\*Note: Ultra Low Phase Noise VCXO



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