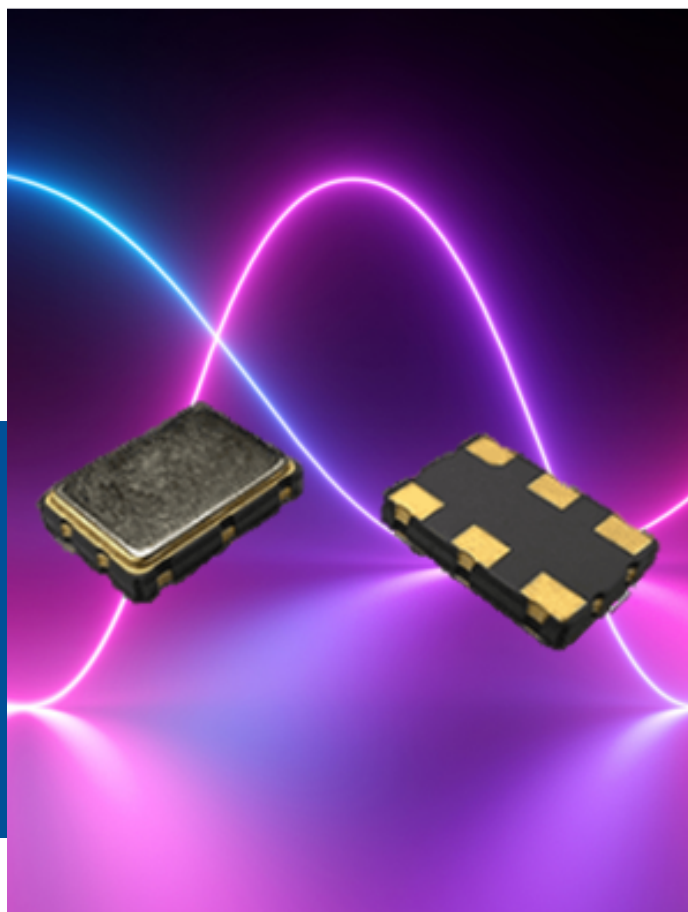


Product Lineup

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 Lineup

Product Series	Output Logic	Frequency Range	Stability	VDD	I _{dd} (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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