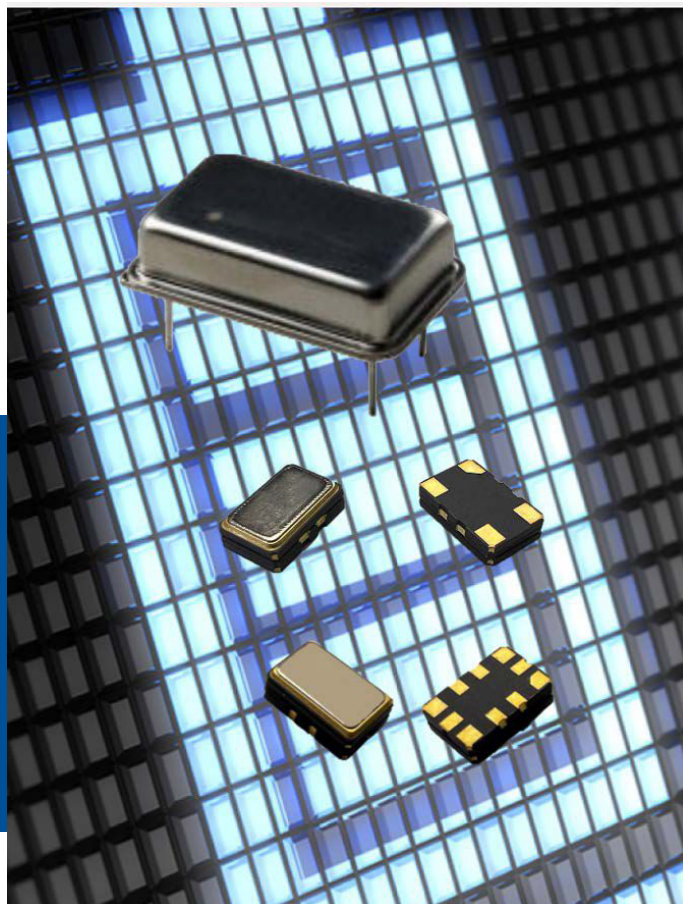


Product Line up

OCXO equivalent Crystal Oscillators (OeXO)

Applications

- ▶ SONET / SDH / DWDM
- ▶ Test & Measurement
- ▶ Telecom Transmission & Switching Equipment
- ▶ Base Stations / Picocell
- ▶ Wireless Communication Equipment



Overview

Pletronics OeXO is a high-precision crystal oscillator. The superior performance is comparable to OCXO and is ideal for OCXO replacement especially applications that require low power but high precision clock frequency. In addition, the miniature design is the best fit for the application with a size limitation. Especially battery-operated portable devices where package size and power consumption are the 2 most critical criteria for design requirements.

Product Line up

Product Series	Output Logic	Frequency Range	Stability	VDD	I _{dd} (typ)	Package Size
OeDA	CMOS /Clipped Sine Wave	8.192 to 40MHz	±50ppb @ 0 to 70°C ±100ppb @ -10 to 70°C ±200ppb @ -40 to 85°C	2.8 to 3.3V	6.5mA /4mA @ 40MHz	5.0 x 3.2mm (10 pads)
OeD4	CMOS /Clipped Sine Wave	8.192 to 40MHz	±50ppb @ 0 to 70°C ±100ppb @ -10 to 70°C ±200ppb @ -40 to 85°C	2.8 to 3.3V	6.5mA /4mA @ 40MHz	5.0 x 3.2mm (4 pads)
OeM4	CMOS /Clipped Sine Wave	8.192 to 40MHz	±50ppb @ 0 to 70°C ±100ppb @ -10 to 70°C ±200ppb @ -40 to 85°C	2.8 to 3.3V	6.5mA /4mA @ 40MHz	20.1 x 12.5mm

