

Product Line up

Oven Controlled Crystal Oscillators (OCXO)



Applications

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

Overview

Cardinal Components OCXO's are ideal for precision timing applications. Whenever your application requires higher stability and accuracy, Cardinal Components OCXO's always provide the necessary performance you need. The superior aging performance can hold an accurate local clocking. Ultra low phase noise is critical as a cleaner reference clock for sensitive applications.

Product Line up

Product Series	Output Logic	Frequency Range	Stability	VDD	Power (Steady State), Max	Mounting	Package Size
COSK6	CMOS	10 to 40MHz	±20ppb@ -20~70°C ±30ppb@ -40~85°C	3.3V 5V	0.6W	SMD	14.3 x 9.3mm
COSF4	CMOS Sine Wave	5 to 40MHz	±50ppb@ 0~70°C ±100ppb@ -40~85°C	5V	0.8W	PTH	20.3 x 12.7mm
COSJ7	CMOS Sine Wave	5 to 40MHz	±5ppb@ 0~70°C ±10ppb@ -40~85°C	3.3V 5V	1.2W	SMD	25.4 x 22.1mm
COSI5	LVTTL Sine Wave	5 to 40MHz	±3ppb@ 0~70°C ±5ppb@ -40~85°C	3.3V 5V	1.3W	PTH	36.3 x 27.2mm

IMPORTANT NOTICE AND DISCLAIMER

Cardinal Components PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATA SHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD-PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with Cardinal Components products. You are solely responsible for (1) selecting the appropriate Cardinal Components products for your application, (2) designing, validating, and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, regulatory or other requirements. These resources are subject to change without notice. Cardinal Components grants you permission to use these resources only for development of an application that uses the Cardinal Components products described in the resource. Other reproduction and display of these resources are prohibited. No license is granted to any other Cardinal Components intellectual property right or to any third-party intellectual property right. Cardinal Components disclaims responsibility for, and you will fully indemnify Cardinal Components and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

Cardinal Components products are provided subject to Cardinal Components Terms of Sale or other applicable terms available either on Cardinal Components.com or provided in conjunction with such Cardinal Components products. Cardinal Components provision of these resources does not expand or otherwise alter Cardinal Components applicable warranties or warranty disclaimers for Cardinal Components products. Cardinal Components objects to and rejects any additional or different terms you may have proposed.

