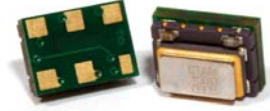




Contact your NAC Sales Representative today for more information on datasheets, samples, and pricing.



Press Release

CARDINAL COMPONENTS, INC. INTRODUCES THE *WORLD'S FIRST PROGRAMMABLE TCXO* "CTAM" IN FREQUENCIES FROM 1.5 TO 200 MHz, RoHS COMPLIANT WITH CMOS, LVPECL AND LVDS OUTPUTS.

Wayne, NJ—June 15, 2009 Cardinal Components, Inc., a world leader in the manufacturing of programmable oscillators, is introducing the world's first programmable TCXO from 1.5 to 200MHz delivered in 48 hours.

The first-in the series "CTAM", "CTAE", and "CTAL" is a 5 x 7 surface-mount programmable TCXO with outputs available in CMOS, LVPECL, and LVDS .

The "CTAM", "CTAE", and "CTAL" device operates at 3.3 volts. It's available in an industry standard 5mm x 7mm surface mount package (6 pad) FR4 construction. Additional features include a stability of 2.5 ppm maintained over a temperature range of (-30C to +75C)

The low phase noise (-100dBc/Hz at 10kHz offset) for the "CTAM", "CTAE" and "CTAL" device makes it suitable for applications such as test equipment, industrial automation, homeland security, and instrumentation markets requiring quick production in unique customer frequencies up to 200MHz.

Samples of this device can be obtained by contacting Cardinal or one its authorized distributors worldwide. Sample quantity pricing is in the \$20 range, and 1k volume pricing is \$8.75 each for the CMOS version and slightly higher for the LVDS and LVPECL versions.

You can learn more about Cardinal Components, Inc. and Cardinal's additional products by visiting www.nacsemi.com or by contacting sales at sales@nacsemi.com or call 1-866-651-2901