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PRESS RELEASE

CARDINAL COMPONENTS, INC. ANNOUNCES A CERAMIC 3.2 x 1.5 mm 2 PAD SURFACE MOUNT 32 kHz CRYSTAL—THE CPS

Wayne, NJ –September 17, 2012--Cardinal Components, Inc., a world leader in the manufacture of programmable oscillators, has announced a ceramic surface-mount crystal, Series CPS, of a size to suit systems requiring miniaturization. Only 3.2 x 1.5 mm. 2 pad, it is perfect for portable devices, mobile products, telecom systems, and industrial applications where miniaturization is essential.

A high-stability tuning-fork crystal, it is RoHS compliant in an SMD ceramic package.

The 32 kHz crystal boasts three operating temperature ranges, commercial -10o to +70o C; industrial -40o to +85o C; and military -55o to + 125o C. Typical Load capacitance ranges from 7.0 to 12.5 and stability tolerance options from 100 to 20ppm.

Sample quantity pricing is in the \$0.75 range, and 10k piece volume pricing is \$ 0.35 each.

Visit Cardinal's new interactive website, where you can experiment with designing your own parts, or contact COO James Magos at jmagos@cardinalxtal.com, who can put you in touch with the helpful engineering staff.