



1000 N. Main Street  
Mansfield, TX 76063  
[www.mouser.com](http://www.mouser.com)

(817) 804-3800

## For Immediate Release

### EDITORIAL/READER CONTACT:

**Ellie Rovai**

Marketing Communications Manager  
Mouser Electronics, Inc.

(817) 804-3857 Direct

(817) 804-3803 Fax

[ellie.rovai@mouser.com](mailto:ellie.rovai@mouser.com)

## Mouser Expands Crystek Corporation® Product Portfolio with New VCOs

***New Products Include 400-800MHz and 800-1600MHz VCOs for digital radio equipment, fixed wireless access, satellite communications systems, and base station applications.***

Mansfield, Texas, USA – November 8, 2007 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it has expanded its [Crystek Corporation®](http://www.crystek.com) product portfolio with the addition of their new 400-800MHz and 800-1600MHz VCOs. Crystek Corporation is a leading supplier of frequency control products including clock, temperature compensated, voltage controlled, voltage controlled crystal, and temperature compensated voltage controlled oscillators, as well as quartz crystals.

“Both the design engineering community and our suppliers rely on Mouser to supply the newest products available to the marketplace,” according to Barry McConnell, Mouser Vice President of Product Marketing. “By stocking new products like these VCOs from Crystek, Mouser is able to fulfill its commitment to both suppliers and design engineers alike.”

The [CVCO55CW-0400-0800](#) VCOs operate from 400MHz to 800MHz with a control voltage range of 0V~12V. These VCOs feature a typical phase noise of -105dBc/Hz @ 10KHz offset and have excellent linearity. Features include 5.0V with a maximum current consumption of 25mA and a typical second harmonic suppression of -5dBc, as well as minimized pulling and pushing to 2.00MHz and 2.00MHz/V.

The [CVCO55CW-0800-1600](#) VCOs operate from 800MHz to 1600MHz with a control voltage range of 0.5V~19V. These VCOs feature a typical phase noise of -100dBc/Hz @ 10KHz offset and have excellent linearity. Features include an input voltage of 11.5V and a maximum current consumption of 30mA, as well as minimized pulling and pushing to 5.00MHz and 1.00MHz/V.

Both devices are packaged in the industry standard 0.5” x 0.5” SMD package and are ideal for use in applications such as digital radio equipment, fixed wireless access, satellite communications systems, and base stations.

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***The Newest Products For The Newest Designs***

Mouser's broad-based product line, unsurpassed customer service, and streamlined warehouse operations make the distributor the design engineer's one-stop shop for all the components and associated development tools necessary for total project design.

Mouser Electronics is the only major distributor to publish a new 1,900+ page print catalog every 90 days. In addition, its website with interactive online catalog is updated daily, contains more than 890,000 products for easy online purchase, provides over 1.5 million cross-references, as well as more than 677,000 downloadable data sheets, supplier-specific reference designs, application notes, and other technical design information.

### **About Mouser**

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers. Mouser.com features over 890,000 products online from more than 335 manufacturers. Mouser's 1,900+ page catalog is published every 90 days, providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 280,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

### **About Crystek Corporation®**

Crystek Corporation® is a leading manufacturer of Frequency Control Products – quartz crystals, XOs (clock oscillators), TCXOs (temperature compensated oscillators), VCOs (voltage controlled oscillators), VCXOs (voltage controlled crystal oscillators), and TCVCXOs (temperature compensated voltage controlled oscillators). Founded in 1958, Crystek's capabilities include custom manufacturing of quartz crystal and oscillators from quartz bars through packaged and tested finished products. Crystek's facilities include climate controlled manufacturing plants and state-of-the-art product validation centers. Crystek's on-site warehousing facility boasts an inventory of more than five million items, which allows the company to respond to most customer requests on a next day basis. For more information, visit [www.crystek.com](http://www.crystek.com).

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