

## For Immediate Release

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## Mouser is stocking the New Vishay Semiconductors IR Receivers for 3D TV!

**Mansfield, Texas, USA — November 02, 2010** - Mouser Electronics, Inc., known for its rapid introduction of the newest products, today announced it is stocking new product from Vishay Semiconductors.

The Vishay Semiconductors TSOP75D25 and TSOP35D25 are infrared receivers developed specifically for the LCD shutter glasses used with 3D-ready TV sets. The surface-mount TSOP75D25 and TSOP35D25 IR receivers are designed to be assembled into active 3D glasses, where they receive infrared signals from the TV set and ensure the glasses' LCD shutters open and close in proper synchronization to create the 3D effect. Vishay Semiconductors TSOP75D25 and TSOP35D25 IR receivers are designed to operate on a carrier frequency of 25 kHz, which is lower than that used by standard remote control systems and eliminates possible interference from TV and set-top box remote controls. Because TV remote control emitters and receivers operate at a wavelength of 940 nm, the TSOP75D25 and TSOP35D25 are designed to receive the 3D synchronization signals from an 830 nm to 850 nm emitter, further eliminating the possibility of interference. The Vishay Semiconductors TSOP75D25 and TSOP35D25 integrate a photodiode, amplifier, automatic gain control, band pass filter, demodulator, and control IC into a single, tiny component that enables more streamlined designs for 3D glasses. Because the TSOP75D25 and TSOP35D25 operate at a carrier frequency of 25 kHz with a signal pattern featuring a minimum burst length of 6 cycles, a very high signal to noise ratio is achieved. Since these new IR receivers receive modulated synchronization signals versus baseband signals, a single emitter can be used in the TV to achieve transmit distance of over 26 meters. To learn more, visit <http://www.mouser.com/vishay3dirreceivers>.

With its broad product line and unsurpassed customer service, Mouser offers customers the latest, most technologically advanced components for their newest design projects. Mouser Electronics' website is updated daily and searches over 6.7 million products to locate over 1.8 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

### About Mouser

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of the newest products and technologies to electronic design engineers. Mouser.com features more than a million products online from more than 400 manufacturers. Mouser publishes multiple catalogs per year 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 492,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

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### **About Vishay Semiconductors**

Vishay Semiconductors (formerly Vishay Telefunken, General Semiconductor, and the infrared components business of Infineon Technologies) is the world's #1 supplier of infrared data communications devices (IRDCs), and rectifiers. Vishay is the #2 supplier of optocouplers and the #3 supplier of optical sensors. In these areas, Vishay Semiconductors combines the product lines of the former Vishay Telefunken, General Semiconductor (the largest producer of low-to-medium power rectifiers and TVS diodes), as well as the infrared components business of Infineon Technologies. Together, they provide Vishay Semiconductors customers with a single source for a broad portfolio of general semiconductor products used for short-range infrared data transmission, power management, remote controls, and electrical safety.

[Also See Vishay Siliconix](#)

For more information, visit <http://www.vishay.com/company/brands/semiconductors/>.

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