

Solid State Optronics USA (SSO) Introduces 800V 1.2A Miniature Solid State Relay

STR8083 pushes the voltage limit of SSRs and can replace electromechanical relays

SAN JOSE, Calif., Sep 30, 2014 – Solid State Optronics (SSO), a San Jose, California-based manufacturer of high quality optically isolated switching devices such as optocouplers and solid state relays, has announced the availability of a new miniature AC Output [Solid State Relay](#) with a high blocking voltage of 800V.

The [STR8083](#) is an AC, single-pole, single-throw, normally open solid state relay in an 8-pin dual inline (DIP) package. The STR8083 has a high blocking voltage (800V) and can handle continuous load currents of up to 1.2A. The device assures no false triggering under adverse conditions and the package construction makes it ideal for high-density board applications. The STR8083 is a unique [SSR](#) solution for high voltage applications such as medical equipment, aerospace and industrial controls, pump and valve controls, heating elements and metering equipment.

“The [STR8083](#) and the whole STR device family is the result of us listening to our customers and partners, whose industrial applications are demanding higher voltage and load current ratings in compact packages,” said Juan Kadah, Managing Director of Solid State Optronics USA (SSO). “Going forward, we hope to anticipate our customers’ needs rather than just respond to them.”

Additional STR8083 Product Features and Availability

STR8083 is available now in a DIP8 package, in sample and production quantities and is fully RoHS/Pb-Free/REACH compliant. The device requires low input control current, typically <10mA, and provides a high isolation voltage of 3750Vrms minimum.

Further information and samples are available at
<http://www.ssousa.com/proddetail.asp?ID=STR8083>

About Solid State Optronics (SSO)

SSO is a pioneer in optically-isolated, solid state switching devices. From their inception over 30 years ago, SSO’s award-winning products have provided unprecedented integration and performance to a wide range of industries and applications. Today, world class manufacturers and designers have come to rely on SSO to provide reliable, technically advanced, optically-isolated switching solutions such as Solid State Relays and Optocouplers in their consumer and industrial applications. SSO is headquartered in San Jose, California. For more information, phone (408) 293-4600 or visit www.ssousa.com.

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NOTE TO EDITORS: Please direct reader inquiries to Solid State Optronics at +1 (408) 293-4600, or e-mail us at customerservice@ssousa.com.