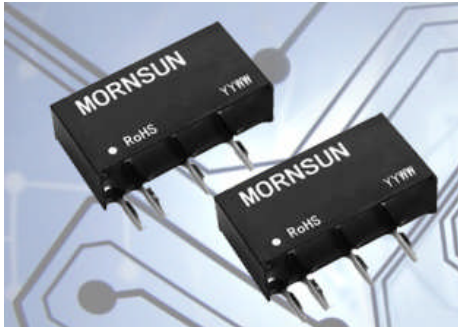


# MORNSUN®

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**FOR IMMEDIATE RELEASE**

## **Continuous Short Circuit Protection 1Watt DC/DC Converters**



**June 1, 2011 – Hudson, MA** Until now, most design engineers have had to accept low-cost unregulated DC/DC converters that can fail quickly with a short circuit condition. Today, Mornsun announces the A\_S-1WR & B\_LS-1WR Series of SIP DC/DC converters that feature continuous short circuit protection and are low cost.

The A\_S-1WR and B\_LS-1WR products offer 1W of power in a high density 0.77” x 0.37” x 0.24” package. These converters have the additional feature of the ability to resist a continuous short circuit. This can guarantee the survival of the converter with a continuous output short circuit, without needing to resort to the costly method of using feedback loops to cope with overload shorts.

The A\_S-1WR and B\_LS-1WR Series accept 3.3VDC, 5VDC, 12VDC, 15VDC or 24VDC input voltages and provide either single or dual outputs of 3.3VDC, 5VDC, 9VDC, 12VDC, 15VDC or 24VDC. A wide operating temperature range from -40C to +85C ensures reliable use in a variety of environmental conditions.

Units feature output short circuit protection, 1000VDC isolation, and a high MBTF of >1,000K hours. The Series’ use high quality, 100% RoHS compliant materials and are manufactured to Mornsun’s rigorous, ISO-9001 quality control program to ensure high product reliability.

Mornsun also has thousands of other dc/dc converter products that feature up to a 4:1 input range, with regulated outputs, in a variety of power ranges and package styles.

Competitively priced, the A\_S-1WR and B\_LS-1WR Series starts at \$1.38 in OEM quantities with quick turn lead times of stock - 4 weeks ARO. Full specifications are available at [www.mornsunamerica.com](http://www.mornsunamerica.com) or by contacting our Tech Group at [tech@mornsunamerica.com](mailto:tech@mornsunamerica.com). For price and delivery questions, please contact us at [sales@mornsunamerica.com](mailto:sales@mornsunamerica.com)

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