



News Release

ZYWYN CORPORATION

FOR IMMEDIATE RELEASE

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ZYWYN ANNOUNCES

Universal TransformerFree™ AC-DC Constant Current LED Driver

SUNNYVALE, Calif., May 18, 2007 - Zywyn Corporation today introduced ZD832, the universal TransformerFree™ AC-DC constant current LED driver for the industrial lighting and display lighting market.



The ZD832 is a high voltage, AC-DC constant current driver for driving a string of white or RGB LEDs in series without the use of external transformer and no bridge rectifier. It operates from a direct input voltage of 85VAC to 170VAC or 170VAC to 240VAC off the AC mains and generates a programmable constant output current of up to 30mA by a single resistor.

“In addition to its earlier ZD831 successor, the ZD832 eliminates the need for an external inductor, transformer and rectifying diode bridge - making it very simple to use with only a few external passive components,” said Raymond Chow, Zywyn CEO. “By using proprietary high-voltage process with patent-pending design, we have integrated the AC/DC bridge rectifier and linear voltage regulator on a single silicon successfully, allowing us to open up new methodologies in dealing with off-line AC-DC applications. More of such breakthrough related products will be evolved in the near future.”

The ZD832 also features digital PWM and analog dimming control with over-temperature protection and over-voltage limiting functions. With high voltage isolation supported by the robust proprietary processing technology, there is no EMI generation and it does not require any additional EMI filtering circuits.

Samples & Availability

The ZD832 is available in a thermally enhanced 20-pin exposed TSSOP green package. Pricing for the ZD832LEY is US\$1.88 each in 1K quantities. Samples and evaluation boards (ZD832EVB) are available from stock and can be requested through Zywyn sales representatives. Lead-time for production quantities is about 8 to 10 weeks ARO.



About Zywyn

Zywyn Corporation is a privately held high voltage analog semiconductor supplier, focusing on power conversion and control for the display and lighting industry, as well as in the datacom interface communication market. Zywyn products and corporate information are available at www.zywyn.com.