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SWITCH DIMMABLE LED DRIVER FROM SUPERTEX WORKS WITH ANY STANDARD LIGHT SWITCH

HV9801A Allows Dimming of LED Bulbs and Tubes, Replacing Fluorescent Tubes

SUNNYVALE, Calif., November 8, 2011 – Supertex, Inc. (Nasdaq GS: SUPX) today introduced HV9801A, a power saving, switch dimmable, LED driver integrated circuit (IC) designed to drive LEDs in dimmable household and office lighting applications. The IC dims LED lamp brightness to one of four preset levels through simple, rapid toggling of a light switch. Light levels progress up and down sequentially and if the switch is turned off for more than a second, the lamp returns to full brightness.

Switch dimming offers an attractive alternative to TRIAC dimming as it enables dimming of lamps in any location, provides a better quality light source without flicker, and increases energy efficiency through the reduction of the excess circuitry required to accommodate the holding current of the TRIAC dimmer. HV9801A works with all existing light switches and doesn't require installation of a wall dimmer.

As opposed to many LED driver ICs that utilize peak current control to regulate output current, HV9801A employs a patented average-mode current control method that requires no loop compensation or high side sensing. This proprietary control method provides quick and accurate response to input voltage fluctuations and delivers exceptional accuracy (over 97%) and line and load regulation of the LED current.

"HV9801A is an ideal driver solution for solid-state lighting applications that utilize dimming," states Stephen Lin, Vice President of Marketing at Supertex. "The IC further builds on Supertex's history of innovation and recognized leadership in the off-line LED driver IC market."

The HV9801A is available in SOIC-8 and SOIC-16 packages (HV9801ALG-G and HV9801ANG-G, respectively). Samples are available from stock. Lead-time for production quantities is 4-6 weeks ARO. Pricing is US\$0.72 for the HV9801ALG-G and US\$0.84 for the HV9801ANG-G, each in 1K quantities.

About Supertex

Supertex, Inc. is a publicly held mixed signal semiconductor manufacturer, focused in high voltage analog and mixed signal products for use in the medical, LED lighting, printer and display, industrial and telecommunication industries. Supertex product, corporate and financial information is readily available at www.supertex.com.

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