



PRESS RELEASE

Clare Introduces Highly Efficient Off-Line High Brightness LED

The MXHV9910 has an Input Voltage Range of 8V to 450V, >90% Efficiency, and Drives Multiple LEDs in Series/Parallel Combinations

September 19, 2009— Beverly, Massachusetts, USA, Clare, Inc., an IXYS company (NASDAQ: IXYS – News) and world leader in the design and manufacture of solid-state relays, announced the availability the MXHV9910 Off-Line High Brightness LED Driver.

MXHV9910 is a low-cost, high-brightness (HB) LED driver manufactured using Clare's high-voltage BCDMOS on SOI process. The driver has internal circuitry that allows it to operate from a universal AC line or from 8Vdc to 450Vdc. This highly versatile input operating voltage enables this device to be used in a broad range of HB LED applications.

MXHV9910 features a fixed-frequency, peak-current control method, which provides an ideal solution for driving multiple LEDs in series and in parallel. In addition, LED dimming can be implemented by applying a small DC voltage to the LD pin, or by a low-frequency digital PWM signal to the PWMD pin.

The MXHV9910 Features:

- 8V to 450V Input Voltage Range
- >90% Efficiency
- Drives Multiple LEDs in Series/Parallel Combinations
- Regulated LED Drive Current
- Linear or PWM Brightness Control
- Resistor-Programmable Oscillator Frequency
- SOIC-8 and SOIC-8 EP (Exposed Thermal Pad) Packages

Ordering Information

MXHV9910B	SOIC-8 (100/Tube)
MXHV9910BTR	SOIC-8 Tape & Reel (2000/Reel)

About Clare and IXYS, Inc.

Clare, Inc., a leader in the design and manufacture of solid-state relays and high voltage integrated circuits, is a wholly owned subsidiary of IXYS Corporation. IXYS Corporation develops and markets primarily high performance power semiconductor devices that are used in controlling and converting electrical power efficiently in power systems for the telecommunication and internet infrastructure, motor drives, medical systems and transportation. IXYS also serves its markets with a combination of digital and analog integrated circuits. Additional information about Clare and IXYS may be found at www.clare.com and www.ixys.com.

Please contact your local sales representative:
<http://www.clare.com/home/pages.nsf/locate.rep>

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