

**Product Announcement**

**FOR IMMEDIATE ANNOUNCEMENT**

## Sharp Introduces A New 15-inch LED-backlit LCD Module for Industrial Applications

### XGA Industrial Module Features High Brightness and High Contrast

The LQ150X1LG82 is now entering production. Its central feature is its Industrial rating, due to its white LED backlight that gives the panel extended life over CCFT-backlit panels when used in low temperatures. The backlight carries a 50,000 hour industrial lifetime rating. Other characteristics include very high speed operation of 8 ms, high contrast of 550:1, and 3H hard coating.

### Features of the LQ150X1LG82:

LCD Type	Landscape-mode XGA
Screen size	15 inch (38 cm)
Panel Mode	Transmissive
Pixel Format	1024 (H) × 768 (V)
Pixel Pitch (mm)	0.297 (H) × 0.297 (V)
Active Area (mm)	304.1 (H) × 228.1 (V)
Aspect Ratio	4:3
Outline Dimension (mm)	326.0 (W) × 252.0 (H) × 13.7 (D)
Display Mode	Normally White
Number of Colors	16 Million, via LVDS
Brightness	350 nits
Viewing Angle	120° (H)/100° (V)
Contrast Ratio	550:1
Response Time	8 ms
Operating Temperature Range	0°C to +60°C
Storage Temperature Range	-25°C to +60°C

This panel meets all RoHS\* compliance requirements. Full specifications are available from your local Sharp Representative, and on our Sharp public website ([www.SHARPsma.com](http://www.SHARPsma.com)).

Please contact Amer Malik at [MalikA@sharpsec.com](mailto:MalikA@sharpsec.com) with any questions you may have regarding this exciting new addition to the Sharp product line.

**SHARP MICROELECTRONICS OF THE AMERICAS**

5700 Northwest Pacific Rim Blvd.

Camas, Washington 98607

360-834-2500

[www.SHARPsma.com](http://www.SHARPsma.com)***Product Announcement***

---

**FOR IMMEDIATE ANNOUNCEMENT*****About Sharp Microelectronics of the Americas***

Sharp Microelectronics of the Americas (SMA) drives innovative LCD, optoelectronics, memory, imager, and RF components to market. The world's leading manufacturers of consumer and business technologies look to SMA for the products, expertise, and worldwide support they need to make their visions a reality. SMA, in Camas, Washington, is the microelectronics sales and marketing division of Sharp Electronics Corporation, a wholly owned subsidiary of Sharp Corporation. For more information, visit us at [www.SHARPsma.com](http://www.SHARPsma.com).

\* The Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive (2002/95/EC). This directive took effect July 1, 2006.