

**Product Announcement**

**FOR IMMEDIATE ANNOUNCEMENT**

**Sharp Introduces Two New 15-inch LCD Modules**

**XGA Modules are Economical Choices for Entry-level LCDs**

The LQ150X1LG71 and LQ150X1LG81 are now entering production. They are built with features important to entry-level displays: high brightness, high contrast, fast response time, image reverse function, and field replaceable backlights. The panels also include an anti-glare coating, and are ideal for applications such as Industrial, Medical, Point-of-Sale, and Factory Automation.

**Features of the LQ150X1LG71:**

LCD Type	Landscape-mode XGA
Screen size	15.0-inch (38 cm)
Panel Mode	Transmissive
Pixel Format	1024 (H) × 768 (V)
Pixel Pitch (mm)	0.297 × 0.297
Active Area (mm)	304.1 (H) × 228.1 (V)
Aspect Ratio	4:3
Outline Dimension (mm)	326.0 (W) × 252.0 (H) × 11.2 (D)
Display Mode	Normally white
Number of Colors	16 million (8-bit)
Brightness	250 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

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**Features of the LQ150X1LG81:**

LCD Type	Landscape-mode XGA
Screen size	15.0-inch (38 cm)
Panel Mode	Transmissive
Pixel Format	1024 (H) × 768 (V)
Pixel Pitch (mm)	0.297 × 0.297
Active Area (mm)	304.1 (H) × 228.1 (V)
Aspect Ratio	4:3
Outline Dimension (mm)	326.0 (W) × 252.0 (H) × 11.2 (D)
Display Mode	Normally white
Number of Colors	16 million (8-bit)
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

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

Samples are available. 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.

**About Sharp Microelectronics of the Americas**

Sharp Microelectronics of the Americas, in Camas, Washington, is the microelectronics sales and marketing division of Sharp Electronics Corporation, a wholly owned subsidiary of Sharp Corporation. Sharp Corporation is a worldwide developer of innovative technologies that are leading the next generation of electronic products for consumer and business markets. Sharp Microelectronics of the Americas offers forward-thinking LCD, Optoelectronics, Memory, Imager, and RF/IR components. Sharp Microelectronics of the Americas offers these products along with packaging and integration skills that help design engineers throughout North and South America bring their aspirations to market. Sharp Microelectronics of the Americas is dedicated to improving people's lives through the use of advanced technology and a commitment to quality, value, and design. For more information, visit [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.