

## Sharp Expands its Transmissive LCD Product Offering with a New 23 inch Display: LQ230M1LW11

.....  
[www.DataSheet4U.com](http://www.DataSheet4U.com)

The LQ230M1LW11 is now being readied for production. It features WUXGA resolution, along with an LED backlight – something innovative in this size of panel. The use of LED backlights means no EMI as compared to CCFT backlights, while providing a 100% NTSC color gamut. The LED backlight can also be dimmed without creating significant electrical noise.

### Features of the LQ230M1LW11:

LCD Type:	WUXGA TFT-LCD
Screen size:	23.0 inch
Panel Mode:	Transmissive
Pixel Format:	1920 (H) × 1200 (V)
Pixel Pitch:	0.258 (H) × 0.258 (V)
Active Area:	495.36 (H) × 309.60 (V)
Aspect Ratio:	16:9
Outline Dimension:	523.4 (W) × 335.6 (H) × 52.0 (D)
Display Mode:	Normally black
Number of Colors:	16 million colors using LVDS
Brightness:	180 nits
Viewing Angle:	178° Horizontal/178° Vertical
Contrast Ratio:	600:1
Response Time:	8 ms (TYP)

This panel meets all RoHS\* compliance requirements.

The specification for each of these panels is available from your local Sharp Representative, and is available on our Sharp public website ([www.sharpsma.com](http://www.sharpsma.com)).

Please contact Sri Peruvemba at [PeruvembaS@sharpsec.com](mailto:PeruvembaS@sharpsec.com) with any questions you may have regarding these exciting new additions to the Sharp Large TFT product line.



**SHARP MICROELECTRONICS OF THE AMERICAS**

5700 Northwest Pacific Rim Blvd.  
Camas, Washington 98607  
360 834-2500  
www.sharpsma.com

**Product Announcement**

**NEW PRODUCT**

---

**About Sharp Microelectronics of the Americas**

[Sharp Microelectronics of the Americas](http://www.sharpsma.com), in Camas, Washington, is the U.S.-based microelectronics sales and marketing unit of Japan's Sharp Corporation. Sharp 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.

**SHARP.**

[www.DataSheet4U.com](http://www.DataSheet4U.com)