


**SHARP MICROELECTRONICS OF THE AMERICAS**

5700 Northwest Pacific Rim Blvd.

Camas, Washington 98607

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[www.sharpsma.com](http://www.sharpsma.com)
**Product Announcement**
**NEW PRODUCT**

## Sharp Expands its Transmissive LCD Product Offering with a New 17 inch Display: LQ170E1LG41

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The LQ170E1LG41 is now being readied for production. It features PSWG, allowing for electrical, mechanical, and electronic interchangeability with any other PSWG-compliant panel in this size. This also means that a designer can have an instant upgrade to a Sharp panel.

**Features of the LQ170E1LG41:**

LCD Type:	SXGA TFT-LCD
Screen size:	17.0 inch
Panel Mode:	Transmissive
Pixel Format:	1280 (H) × 1024 (V)
Pixel Pitch:	0.264 (H) × 0.264 (V)
Active Area:	337.9 (H) × 270.3 (V)
Aspect Ratio:	4:3
Outline Dimension:	358.5 (W) × 296.5 (H) × 17.5 (D)
Display Mode:	Normally white
Number of Colors:	16 million colors using LVDS
Brightness:	300 nits
Viewing Angle:	130° Horizontal/110° Vertical
Contrast Ratio:	350:1
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.

**About Sharp Microelectronics of the Americas**
[www.DataSheet4U.com](http://www.DataSheet4U.com)

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[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.