

**Product Announcement**

FOR IMMEDIATE ANNOUNCEMENT

**Sharp Introduces A New 10.6-inch LCD Module for Industrial Applications**

**Very Thin Module Features High Performance for Gaming and Multimedia Applications**

The LQ106K1LA05 LCD Module is now entering production. It features low reflectivity and high performance color filters and high performance LED backlighting for multimedia applications. It is a wide-aspect (15:9) panel with a resolution of 1280 × 768. It has a viewing angle of 140° horizontal and 110° vertical, with brightness and contrast figures of 280 cd/m<sup>2</sup> (nits) and 350:1, respectively.

**Features of the LQ106K1LA05:**

LCD Type	Wide Aspect (15:9)
Screen size	10.6-inch (27 cm)
Panel Mode	Transmissive
Pixel Format	1280 (H) × 768 (V)
Pixel Pitch (mm)	0.18 (H) × 0.18 (V)
Active Area (mm)	230.4 (H) × 138.2 (V)
Aspect Ratio	15:9
Outline Dimension (mm)	250.6 (W) × 152.0 (H) × 5.0 (D)
Display Mode	Normally white
Number of Colors	262,144 via LVDS
Brightness	280 nits
Viewing Angle	140° (H) / 110° (V)
Contrast Ratio	350:1
Response Time	35 ms
Operating Temperature Range	0°C to +50°C
Storage Temperature Range	-20°C to +60°C

This panel meets 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.

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***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.