

Product Announcement

FOR IMMEDIATE ANNOUNCEMENT

Sharp Introduces A New 10.4-inch LCD Module for Industrial Applications

SVGA Module Features Wide Operating Temperature Range

The LQ104S1DG31 LCD Module is now entering production. It features an anti-glare and 3H hard coating, with a viewing angle of 140° horizontal and 110° vertical, with brightness and contrast figures of 350 cd/m² (nits) and 500:1, respectively.

Features of the LQ104S1DG31:

LCD Type	Landscape-mode SVGA
Screen size	10.4-inch (26 cm)
Panel Mode	Transmissive
Pixel Format	800 (H) × 600 (V)
Pixel Pitch (mm)	0.264 (H) × 0.264 (V)
Active Area (mm)	211.2 (H) × 158.4 (V)
Aspect Ratio	4:3
Outline Dimension (mm)	243.0 (W) × 183.8 (H) × 11.5 (D)
Display Mode	Normally white
Number of Colors	262,144 (6-bit)
Brightness	350 nits
Viewing Angle	140° (H) /110° (V)
Contrast Ratio	500:1
Response Time	35 ms
Operating Temperature Range	-30°C to +80°C
Storage Temperature Range	-30°C to +80°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).

Samples are available. Please contact Amer Malik at 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.

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