

Product Announcement

FOR IMMEDIATE ANNOUNCEMENT

Sharp Introduces A New LED-backlit 10.4-inch Strong 2 LCD Module for Industrial Applications

VGA Industrial Module Features High Brightness and High Contrast

The LQ104V1DG62 is now entering production. Its central feature is its true Industrial nature, due to its white LED backlight that gives the panel extended life over CCFT-backlit panels when used in low temperatures. The backlight carries a 50,000 hour industrial lifetime rating. Other characteristics include wide temperature (-30°C to +80°C) operation, high brightness of 550 nits, high contrast of 600:1 and viewing angles of 140° horizontally and 110° vertically.

Features of the LQ104V1DG62:

LCD Type	Landscape-mode VGA
Screen size	10.4-inch (26 cm)
Panel Mode	Transmissive
Pixel Format	640 (H) × 480 (V)
Pixel Pitch (mm)	0.330 (H) × 0.330 (V)
Active Area (mm)	211.2 (H) × 158.4 (V)
Aspect Ratio	4:3
Outline Dimension (mm)	246.5 (W) × 179.4 (H) × 12.5 (D)
Display Mode	Normally White
Number of Colors	6-bit: 262,144
Brightness	550 nits
Viewing Angle	140° (H)/110° (V)
Contrast Ratio	600:1
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 are available from your local Sharp Representative, and on our Sharp public website (www.SHARPsma.com).

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.