

Product Announcement

FOR IMMEDIATE ANNOUNCEMENT

**5.7-inch Strong 2 Module Features Wide Viewing Angle
and 50,000-hr LED Backlight**

Sharp Introduces A New LCD Module for Industrial Applications

The LQ057V3DG02 is now entering production. It features a wide viewing angle of 160° horizontal and 150° vertical, CoG (Chip-on-Glass) technology for a slimmer profile and better vibration resistance. The panel also includes an LED backlight, which includes a built-in interface to PWM drivers for dimming, and is rated for 50,000 hours lifetime. The module also includes an anti-glare polarizing filter.

Features of the LQ057V3DG02:

LCD Type	Landscape-mode VGA
Screen size	5.7-inch (14.4 mm)
Panel Mode	Transmissive
Pixel Format	640 (H) × 480 (V)
Pixel Pitch (mm)	0.18 (H) × 0.18 (V)
Active Area (mm)	115.2 (H) × 86.4 (V)
Aspect Ratio	4:3
Outline Dimension (mm)	144.0 (W) × 104.6 (H) × 13.0 (D)
Display Mode	Normally white
Number of Colors	262,144 (6-bit)
Brightness	400 nits
Viewing Angle	160° (H)/150° (V)
Contrast Ratio	600:1
Response Time	29 ms
Operating and 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.

Samples are available. Please contact Emily Skoglund at SkoglundE@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.