

Product Announcement

FOR IMMEDIATE ANNOUNCEMENT

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

Sharp Introduces A New LCD Module for Industrial Applications

The LQ084V3DG02 is now entering production. It features a 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 400 nits, high contrast of 600:1 and viewing angles of 130° horizontally and 115° vertically.

Features of the LQ084V3DG02:

LCD Type	Landscape-mode VGA
Screen size	8.4-inch (21.4 cm)
Panel Mode	Transmissive
Pixel Format	640 (H) × 480 (V)
Pixel Pitch (mm)	0.267 (H) × 0.267 (V)
Active Area (mm)	170.88 (H) × 128.16 (V)
Aspect Ratio	4:3
Outline Dimension (mm)	199.5 (W) × 149.5 (H) × 11.6 (D)
Display Mode	Normally white
Number of Colors	262,144 (6-bit)
Brightness	400 nits
Viewing Angle	130° (H)/115° (V)
Contrast Ratio	600:1
Response Time	26 ms
Operating and Storage Temperature Range	-30°C to +80°C

Samples are available. Single piece pricing for the LQ084V3DG02 is \$280. Contact your local Sharp Distributor, Sharp Representative, or Emily Skoglund at SkoglundE@sharpsec.com.

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.