

Product Announcement

FOR IMMEDIATE ANNOUNCEMENT

New 12.1-inch SVGA Module with Enhanced Timing Compatibility

800 × 600 Module Supplements ‘Strong’ Feature set with DE Mode

November 2009: The LQ121S1DG65 is now entering production. This module is an excellent fit for Medical, Transportation, or Factory Automation applications. It features Display Enable (DE) mode, making it compatible with a wide range of existing controllers. In DE mode, the module derives timing without requiring HSync or VSync. The module also has Sharp’s ‘Strong’ characteristics: a wide Operating and Storage temperature range of -30°C to +80°C, along with a high brightness and contrast rating of 450 nits and 600:1, respectively; along with superior shock and vibration tolerance. The module also features an anti-glare filter and 3H hard coating.

Features of the LQ121S1DG65:

LCD Type	Landscape-mode SVGA
Screen size	12.1-inch (31 cm)
Panel Mode	Transmissive
Pixel Format	800 (H) × 600 (V)
Pixel Pitch (mm)	0.3075 (H) × 0.3075 (V)
Active Area (mm)	246.0 (H) × 184.5 (V)
Aspect Ratio	4:3
Outline Dimension (mm)	276.0 (W) × 209.0 (H) × 11.0 (D)
Display Mode	Normally white
Number of Colors	262,144 (6-bit)
Brightness	450 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

Samples are available. Single piece pricing for LQ121S1DG65 is \$264.

Contact your local Sharp Distributor, Sharp Representative, or Amer Malik at MalikA@sharpsec.com.

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