

Product Announcement

FOR IMMEDIATE ANNOUNCEMENT

New 12.1-inch SVGA Module with LED Backlight Carries True Industrial Ratings

800 × 600 Module Features Wide Temperature Range and Long-life Backlight

The LQ12S1LG62 is now entering production. This panel is an excellent fit for Medical, Transportation, or Factory Automation applications and features a true Industrial rating, due to its LED backlight which features a 70,000 hour lifetime rating. The panel also has a wide temperature range of -30°C to +80°C, along with a brightness and contrast rating of 450 nits and 600:1, respectively. The panel also features an anti-glare filter and 3H hard coating.

Features of the LQ12S1LG62:

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

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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.