

Product Announcement

FOR IMMEDIATE ANNOUNCEMENT

5-inch Wide SVGA Module Features Sharp's Highest Resolution

New Module Features Touch Panel, LVDS Interface, and Backlight Driver

The LQ050W1LA0A is now entering production. This module delivers Sharp's highest resolution available in this size range; it is an excellent fit for Multi-media and handheld applications and also features a touch panel, an LVDS interface, and a built-in, PWM-compatible driver for its LED backlight. The module has an operating temperature range of 0°C to +60°C, along with a brightness and contrast rating of 350 nits and 450:1, respectively. The module contains an anti-glare filter and 2H hard coating.

Features of the LQ050W1LA0A:

LCD Type	Landscape-mode, Wide-SVGA
Screen size	5.0-inch (12.6 cm)
Panel Mode	Transmissive
Pixel Format	1024 (H) × 600 (V)
Pixel Pitch (mm)	0.106 (H) × 0.106 (V)
Active Area (mm)	109.1 (H) × 63.9 (V)
Aspect Ratio	5:3
Outline Dimension (mm)	119.0 (W) × 76.3 (H) × 5.4 (D)
Display Mode	Normally white
Number of Colors	262,144 (LVDS)
Brightness	350 nits
Viewing Angle	140° (H)/110° (V)
Contrast Ratio	450:1
Response Time	30 ms
Operating Temperature Range	0°C to +60°C
Storage Temperature Range	-25°C to +70°C

Samples are available. Please contact your local Sharp Distributor, Sharp Representative, or Emily Skoglund at SkoglundE@sharpsec.com for pricing.

About Sharp Microelectronics of the Americas

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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.