

**Product Announcement****FOR IMMEDIATE ANNOUNCEMENT****Sharp Introduces the LQ035Q7DB05, a New 3.5-inch Portrait-mode, Highly Integrated, Transflective CG-Silicon LCD****Portrait-mode Panel is Optimized for Reflective Viewing**

The LQ035Q7DB05 is now entering production. It features Chip-on-Glass technology for high integration, transflective technology for excellent viewability in any ambient light condition, wide viewing angles, and a contrast ratio of 85:1 in transmissive mode.

**Features of the LQ035Q7DB05:**

LCD Type	Portrait-mode QVGA
Screen size	3.5-inch (8.9 mm)
Panel Mode	Transflective
Pixel Format	240 (H) × 320 (V)
Pixel Pitch (mm)	0.2235 × 0.2235
Active Area (mm)	53.64 (H) × 71.52 (V)
Aspect Ratio	3:4
Outline Dimension (mm)	65.0 (W) × 85.0 (H) × 3.4 (D)
Display Mode	Normally white
Number of Colors	262,144
Brightness	160 nits, 13% reflectivity
Viewing Angle	90° H/100° V (transmissive) 100° H/100° V (reflective)
Contrast Ratio	85:1 transmissive, 15:1 reflective
Response Time	160 ms transmissive, 160 ms reflective

This panel meets all RoHS\* compliance requirements.

The specification for this panel is available from your local Sharp Representative, and is available on our Sharp public website ([www.sharpsma.com](http://www.sharpsma.com)).

Please contact Sri Peruvemba at [PeruvembaS@sharpsec.com](mailto:PeruvembaS@sharpsec.com) with any questions you may have regarding this exciting new addition to the Sharp product line.

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Sharp Microelectronics of the Americas, in Camas, Washington, is the microelectronics sales and marketing division of Sharp Electronics Corporation, a wholly owned subsidiary of Sharp Corporation. Sharp Corporation is a worldwide developer of innovative technologies that are leading the next generation of electronic products for consumer and business markets. Sharp Microelectronics of the Americas offers forward-thinking LCD, Optoelectronics, Memory, Imager, and RF/IR components. Sharp Microelectronics of the Americas offers these products along with packaging and integration skills that help design engineers throughout North and South America bring their aspirations to market. Sharp Microelectronics of the Americas is dedicated to improving people's lives through the use of advanced technology and a commitment to quality, value, and design. For more information, visit [www.sharpsma.com](http://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.