

Product Announcement**FOR IMMEDIATE RELEASE**

Sharp Expands Large Module Offering with 64.5-inch Portrait Display

Camas, WA – November 8, 2006

Sharp today announces the availability of the LK645D3LZ1U, a new large portrait display module that offers Full-HD resolution of 1,080 × 1,920 pixels in a 64.5-inch diagonal size. This new display module offers very high contrast of 700:1 and a high brightness figure of 400 cd/m², combined with a wide viewing angle of 170° × 170°. Its color gamut is 78% NTSC, and the gray-to-gray response time is 6 ms.

Features of the LK645D3LZ1U

Pixel Format	1,080 × RGB × 1,920 pixels
Pixel Pitch	0.744 × 0.744 mm
Active Area	803.52 × 1,428.48 mm
Outline Dimension	907.0 × 1,555.3 × 100.0 mm
Colors	16.7M (8-bit)
Viewing Angle (CR ≥ 10)	170° Symmetric viewing cone
Brightness	400 cd/m ²
Contrast	700:1
Color Gamut	78% vs. NTSC
Response Time (G-to-G)	6 ms (Average)
Interface	LVDS: 2 ch (41 + 20 pin)
Backlight (with Inverter)	64 × CCFT
Power Consumption	500 W
Weight	45 kg

This panel meets all RoHS* compliance requirements.

The specification for each of these panels is available from your local Sharp Representative, and is available on our Sharp public website (www.sharpsma.com).

Please contact Sri Peruvemba at PeruvembaS@sharpsec.com with any questions you may have regarding this exciting new addition to the Sharp Large-TFT product line.



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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.