

Sharp Develops Super-Thin 2.2-Inch LCD 0.68 mm Thick

October 23 2007



Sharp Corp. has developed a 2.2-inch super-thin LCD for mobile devices with a thickness of only 0.68 mm, the industry's thinnest.

Mobile devices such as mobile phones and digital cameras are rapidly becoming thinner as manufacturers strive to improve portability and offer consumers more stylish designs.

As a result, thinner embedded components such as LCDs are also increasing in demand. In addition, the increase in demand for One-Seg (terrestrial digital broadcast) compatible handsets is leading to demands for greater visibility and higher image quality in displays intended for mobile devices.

In this light, Sharp has successfully developed a new 2.2-inch Mobile Advanced Super View LCD with a thickness of only 0.68 mm, the industry's thinnest, based on proprietary Sharp fabrication techniques for thin LCDs, in particular, glass substrate and backlight technologies.

This new Mobile Advanced Super View LCD delivers superior image quality approaching that of an LCD TV thanks to a high contrast ratio of 2000:1, wide viewing angle of 176°, and fast response speed of 8 ms, which are among the highest levels in the industry.

This display will be exhibited at FPD International 2007 to be held at Pacifico Yokohama on October 24 to 26.

Source: Sharp

Citation: Sharp Develops Super-Thin 2.2-Inch LCD 0.68 mm Thick (2007, October 23) retrieved 20 April 2024 from <https://phys.org/news/2007-10-sharp-super-thin-inch-lcd-mm.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.