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Sharp develops 0.68mm super-thin 2.2-inch LCD displays

For mobile devices

by Amy-Mae Elliott published on 23 October 2007

Following on from Epson's similar news, Sharp has announced that it has successfully developed a 2.2-inch super-thin LCD for mobile devices with a thickness of only 0.68mm, 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 in the Far East 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.

Sharp's new 2.2-inch Mobile Advanced Super View LCD with a thickness of 0.68mm is based on proprietary Sharp fabrication techniques for thin LCDs, in particular, glass substrate and backlight technologies.

This new Mobile Advanced Super View LCD claims to deliver superior image quality approaching that of an LCD TV thanks to a contrast ratio of 2000:1, viewing angle of 176 degrees, and a response speed of 8ms.

