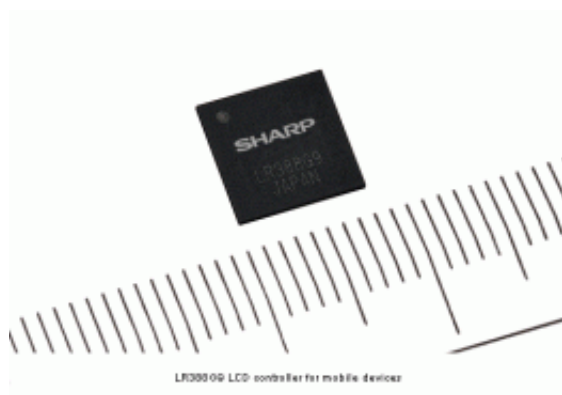


Sharp Develops New LCD Controller for Mobile Devices

July 2 2010



Sharp Corporation has developed and will introduce the new LR388G9 LCD controller for mobile devices that enables simultaneous display on two different screens at half-XGA (480 x 1024 pixels) resolution, an industry first.

Mobile devices continue to diversify to include mobile phones, smartphones, and eBook readers and the demand for dual-screen display capability is growing.

This chip features 32 Mbits of built-in video memory, an increase from the 16 Mbits of its predecessor. Combined with faster [image processing](#) speeds, it offers dual display capability to enable two different contents

to be displayed at the same time on two separate LCD screens at a resolution of half-XGA (480 x 1024 pixels).

In addition, it enables full-HD video to be output to an externally connected LCD TV, video projector, or other similar device.

Further, it features a high-speed serial interface (MDDI 1.2/MIPI) and a diverse range of other interfaces such as those for cameras, SD memory cards, and IrSimple. This new LCD controller will contribute to making [mobile devices](#) smaller and will reduce new-product development time.

Source: Sharp

Citation: Sharp Develops New LCD Controller for Mobile Devices (2010, July 2) retrieved 24 April 2024 from <https://phys.org/news/2010-07-sharp-lcd-mobile-devices.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.