LED-backlit LCD Intended for Tablet Computers

Sharp Microelectronics of the Americas (SMA) announced its new 10.1-inch WXGA LED-backlit LCD (LQ101K1LY04), ideal for computer tablet applications. Sharp technology has addressed key issues for tablets, including the prevention of pooling (image distortion) that is common with touch overlays. A 1280 x 800 wide resolution allows for superb viewing of high-resolution images, and a 160°/160° viewing angle and of brightness of 400 nits combine to deliver crisp images from any angle. Additionally, an LVDS interface helps ease the design process.

Sharp's product line also includes a 12.1-inch WXGA ideal for tablet computers. Other Sharp LCDs featuring the popular wide resolution specification include 3.0-inch, 5.0-inch, 7.0-inch and 8.5-inch products. All of the displays feature specifications perfectly suited to meet the rugged demands of the Industrial Application (IA) market. Sharp's IA panels are factory-supported for a minimum of three years. They are ideal for applications including Factory Automation, In-Flight Entertainment, Gaming, Medical Devices, Point of Sale (POS) Terminals, Transportation, Test and Measurement, and many others. For details on all Sharp LED-backlit LCDs, visit www.sharpledlcd.com [1].

Sharp continues its migration from CCFL-based LCD products to an all-LED backlight line-up, averaging nearly one replacement panel per month over the last year. Sharp assists customers in switching from CCFL to LED-backlit displays by helping them better understand the related technology benefits and design considerations; SMA's online LED-backlit LCD Resources page www.sharpledlcd.com/resources.html features videos, "The Switch" podcast, and technical papers to aid your LED-backlit design process. New materials are periodically being added.

Availability and Pricing

Product samples and pricing may be obtained through any Sharp Representative or Distributor. Sharp displays are RoHS* compliant, upholding the company's commitment to reducing the environmental impact of manufacturing. One-piece sample pricing for this Sharp product is as follows:
· LQ101K1LY04 $250

www.SHARPsma.com [2]

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