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P R O D U C T N E W S

Sharp Announces Big Improvements in Performance for STN Displays

Sharp has launched a new display series featuring its Triple Super Twisted Nematic (TSTN) cell structure together with a dual scan drive method to give high contrast and very fast response. The LM6Q33 illustrated features 80 ms response time, 40:1 contrast ratio and 180 cd m⁻² brightness. This enables bright video pictures to be displayed with almost no noticeable ghosting at video frame rates in excess of 30 fps.

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Brilliant video performance with the new 5.5 inch 1/4 VGA CSTN panel: using DualScan technology the LM6Q33 features a response time of no more than 80 ms.

C O M P A N Y N E W S

One of the initiatives stimulated by the UK Government-sponsored Technology Foresight exercise is the formation of the UK Display Technology Alliance (DTA). This is a consortium of around 20 organizations involved with research and development of flat panel displays and related technologies. The consortium is led by CRL, and comprises 9 major companies, 5 small or medium-sized enterprises and 6 UK universities. Under the initial 3 year programme a number of technical objectives will be pursued which will be of benefit to the displays industry. The projects embrace a number of display technologies,

UK Display Technology Alliance

but work to enhance LCDs includes the use of novel optical substrates and films, the development of thin and/or flexible substrates for flat panel displays, improved manufacturing

techniques for the connection of drive electronics and the development of field emission backlights. In addition to these technical projects, the DTA plans to hold a series of technical workshops and publishes a regular newsletter called Display Focus.

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