



DFF Newsletter

Q3 2008

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Note: DFF would like to thank all members and guests for contributing to this newsletter. Guest contributions do not necessarily reflect the opinion of DFF.

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1 Editorial

By Dr. Susanne Bieller, DFF

During the last trade shows I visited one trend was ubiquitous – apart from green, energy saving and slim displays: touch panels. Thus I decided to dedicate this quarter’s newsletter to the different touch screen technologies.

The use of touch panels with display applications is expanding. It has the advantage of easier and faster entry of the information, and a more interactive approach. Touch panels give more flexibility to design systems with “soft-buttons” that can be easily changed with software.

Applications include point of sale, ATMs, ticketing kiosks, and medical systems. Mobile applications include PDAs, smart-phones, and Tablet-PC. Other applications are emerging.



Sony Ericsson

Samsung

The first article in this newsletter will explain the different technologies available today and some of the emerging technologies, like sensor-in-pixel and in-cell multi-touch panels. The different technologies are compared to help you to decide which technology to use for which application. Then a survey on the acceptance of touch panels by the user is introduced.



Nokia

LG

The second article summarises trends and technologies that are likely to be drivers for the future growth of the FPD market.

Then, this newsletter will give you an update on the activities of the DFF and on the news and reports that can be accessed by DFF members from the DFF website. This includes updates on the DFF working group meetings and the DFF Automotive Platform, that met for the second time these days. The feedback was very good and we will now have regular meetings on this topic.



Chapters six and seven summarise the news from the display community, both from the members (chapter 6) and from the activities beyond (chapter 7). Market data on the FPD market is compiled, technological trends are reported and announcement of investments and new production lines are listed. New in this edition are a series from news from the lighting sector (especially OLED and LED lighting) and the photovoltaics industry.

At the end, you find the calendar of event of the coming month.

8 Calendar of Events

For details, please see <http://www.displayforum.de/calendar.html> with links to all events.

- **DisplayForum 2008 Conference**
November 4/5, 2008
Duesseldorf, Germany
10% discount for DFF members!


- **electronica 2008**
Trade Fair for electronics components, systems and applications
November 11-14, 2008
Munich, Germany


- **29th Working Group Meeting**
"System Integration, Distribution and Application of Flat Panel Displays"
host: Ströer Out-of-Home Media AG, Cologne, Germany
November 26/27, 2008


- **Automotive Platform –**
Meeting of the Working Groups "Link" and "Displays"
VDMA Frankfurt
December 9, 2008


- **DFF Training Workshop "Display Metrology"**
Theory, basic principles and hands-on training
January 22-23, 2009
University Pforzheim, Pforzheim, Germany


- **Electronic Displays Conference (ED)**
Messezentrum Nürnberg
March 4-5, 2009


- **3rd Automotive Platform Meeting**
VDMA Frankfurt
March 25, 2009


- **30th DFF Working Group Meeting**
Thematic Priority: "Flat Panel Display Applications"
April 28/29, 2009
Hamburg, Germany
Host: Sharp Microelectronics Europe


- **FINETECH 2009 German Pavilion**
19th FPD Manufacturing Technology Expo & Conference
April 15-17, 2009
Tokyo Big Sight, Japan

