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**DiBis office closed in the last week of December 2012**

Please note that our Dutch office will be closed during the Christmas holidays from Monday December 24th until Wednesday January 2nd.

*Please send in your orders or request before that time to let us have the time for the necessary arrangements.*

We wish you a pleasant holiday and a succesfull 2013!!

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**Resume on Exhibition 2012 in Munich**

DiBis is a regular visitor of this bi-annual electronics event. We found several new products to complete our portfolio and took home several impressions of tomorrow’s technology outlook.

As expected, PCAP (Projected CAPacitive touch) was a big hit on this show. The majority of our suppliers are now preparing a range of standard projected capacitive touchscreens as well as the option to customize.

**AV-Display** had a very nice booth with their latest product line of TFT. AV-Display is an innovative display supplier from the south of China. They have patented several FS-LCD technologies and offer the best of passive LCD technology there is. Recently the company expanded their TFT-solutions with for example a monochrome 6.2 inch TFT display with a great contrast ratio. Some time ago the company acquired a new building where they will expand their production facilities. AV-Display has made the strategic move from resistive touch manufacturing to only projected capacitive type.
Bolymin has shown their latest in smart display integration and their newly introduced mLCD-line. These are monochrome character LCDs with multi-interface. The displays work on I2C/SPI/RS232 and optionally USB. But this is not all! There is the latest in remote display content management called Zigbee. Zigbee is perhaps not new, but it is as a standard Zigbee/display-combination. Why Zigbee? Because it is reliable, very low power (suitable for battery power) and can be connected to a network.

Easttop Display has shown the first commercially available full custom TFT in a 19 inch rack. It was a complete new design of TFT and it is available from 20,000 pcs per batch. This seems like a high number, but more and more Benelux companies are able to obtain these quantities for special projects. This Shenzhen China company has a range of standard LCD technologies like TN, (F)STN and Vertical Alignment, a technology for very high contrast displays.

Perfectron showed the latest in embedded technology for fanless and low profile system solutions. Their professional solutions are available to power systems that have to perform under harsh conditions. Board sizes that are available are COM Express, PC104+, SBC 3.5 inch, PICMG, ATX and Mini-ITX.

FDT has launched a couple of new smart solutions that fill the gap between Smart Display products as components and complete PanelPCs. The recently improved ETPP (embedded touch panel platform) is both available as a component as a unit in a housing. The software development kit makes it easy to program the system. The Cortex A8 system has on board DRAM and Flash memory and optional PoE (power over Ethernet). Now you can develop your own APPs for easy remote control! Try it and see for yourself.

Forenex improved their SDK (Software Development Kit) for their low cost 5.7 inch Smart Display with uCLinux software. It is now easy to write a steady background and to place a dynamic image on the front side. This saves a lot of handling for the processor. Apart from the smart displays, the LCD products and the industrial open frame monitors, they also provide PCAP solutions with additional easy USB interface for those applications that can not communicate with the I2C protocol.
New tiny PC launched by IC-Nexus

This unique solution, with ARM11 (700Mhz) CPU is now available in the market. You can choose a between two display sizes: 3.5 inch or 4.3 inch. The sophisticated unit comes in an aluminum housing and has a very low power consumption which makes it very suitable for factory automation and domotics / home automation environments. For easy programming the ARM Mali graphic engine; Open GL/ES 2.0 is supported from factory. It has all the features needed such as LAN (WLAN optional), serial ports, USB/MicroSD data storage and runs on Android 2.3 / Linux 2.6/ WinCE 6.0

Case Study - Small industrial power supply in clothing industry

Our customers know us mostly for our extensive range in display products, but DiBis is much more than that. We have a wide customer base and with a wide field of applications and expertise. To serve them best, DiBis product range consists of product groups: embedded boards and systems, touchscreens, housings and power solutions. In this case our customer needed a reliable and compact unit to be used in the automated laundry industry. The application is a labeling machine that needs to run up to 18 hours a day, to be used in two independent shifts.

DiBis is already leading display supplier for this customer and has found an opportunity to intensify the relationship for a new order of these power supplies. The reasons to choose DiBis were of course the trusted cooperation, but also the competitive price and the short lead time.

Transparent Showcases

DiBis Digital B.V. unveiled, in cooperation with its UK partner, the new digital display box this summer, better known as the ClearVue-220.

The design incorporated a 22” Samsung transparent display to create a first-of-its-kind merchandising and exhibition solution, designed and manufactured in the UK. The success of the ClearVue-220 initiated an increasing number of requests from clients looking for state-of-the-art interactive shop in shop concepts. Available now are 9.7 inch, 22 inch (wall mount and desk stand) and 46 inch (desk stand and floor stand). The systems are completed with an integrated media player.

GOC touch

Not necessary the latest touch technology, but maybe the least well known. The Optical Touch Screen is a technology that is based upon detection via mini cameras.

The main advantages are the size and the durability. It also has a very high resolution (32.767x32.767) and is Multi-Touch for gesture input. The detectable touch can be soft and fast (100 fps!!). The touch is to be retrofitted on a monitor or other display.
Chinese New Year in February 2012 – consider the CNNY in your production planning!

Our office in Taiwan will be closed from Monday February 11th to Friday February 15th. The Chinese year 4710 (comparable to our year 2013) will be the year of the snake.

Please be aware that lead times can increase up to 2~3 weeks due to factory closing, inventory checks and shutdown / startup process.

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