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DiBis Netherlands

At the beginning of the holiday season, we want to wish you a great holiday and hope that it will be very enjoyable and relaxing. During the period(s) that you are still at work: you will not be alone. **Our Dutch and our Taiwanese office will not be closed**, although we may have less people available than usual. Your kind understanding for this situation is highly appreciated.

Trip to Taiwan and China

The business trip to Taiwan and China (Shenzhen area) was very successful and interesting. Over the past years a DiBis-representative has visited our Taiwan office and Asian suppliers regularly. Eventhough the schedule is tight and focused on effectiveness, there is always time reserved to get more in touch with the culture of the land and culture of our suppliers.

By updating its product line, DiBis is again ready to offer the best of what is available in the electronics markets. Next to the latest in Smart displays, PCAP touchscreens as new standard for touch and the latest developments for TFT displays, we also focused on full custom design and service.

Our customers have found DiBis to be a reliable source for complete solutions based upon displays. Instead of many different suppliers for display, housing, (PCB) assembly and even the printing of manuals and packing material, these companies turn to DiBis for full service in flat panel displays.
Some examples of custom design solutions from our various suppliers.

In case you have requirements for standard products, semi-custom, full-custom or full service, please don’t hesitate to contact us.

Bolymin

The company with focus on SMART displays and displays with multi-input. The Bolymin company has rapidly developed itself from a supplier with standard LCD products and semi-custom solutions to a leading supplier for a wide variety of displays, ranging from standard LCD to complete touch enabled panel PC alike solutions.

Recently they introduced the multi-interface displays with integrated microprocessor and memory. These displays are easy to connect (just four wires!) and to control because Bolymin also provides a free SDK (software development kit) that doesn’t need a lot of study or time. It is instantly ready for engineers to connect and create.

The free software utilities are device drivers written in C language for developers to minimize product development phase.

Beside the display components, there is a series of products that are also ready to use, like for instance the panelPC alike ARM CPU system BEGA220-series equipped with an ARM926 CPU @ 400MHz. Connection to the outside world is done through built-in Wired LAN and/or Wi-Fi. With the multi-I/O ports such as, RS232, RS422, RS485, GPIO and ADC, it is very suitable to be used in combination with industrial systems.

The new and advanced version of the BEGA220 is the BE220C.

Elegant Design Shape & Aluminum Front Bezel for IP66 Waterproof Protection

Click here to download flyer
Digit-Wise The upcoming leader for TFT displays and touch integration

A new brand in the market with many years of experience. The people behind Digit-Wise are very well experienced in the market and several of them have been working with DiBis for years via other companies. Their main focus are TFT-displays for the industrial markets such as HMI, test and measurement, automotive and (outdoor) POI/POS.

The product range at this moment is from 1.77 inch (non-industrial) up to 11.6 inch (semi-industrial) and many different versions in between. Digit-Wise has a separate series of wide viewing angle displays with the so called MVA or IPS-technology.

The thing that makes Digit-Wise special is that they have their own production facility for PCAP sensors, both sensor-only and versions with cover glass. Currently the maximum size is 21.5 inch. Interface protocol via the COF is selectable between USB/I2C/UART.

ETD – Providing displays for every need

For the majority of display technologies DiBis works intensively with ETD in Shenzhen, China. They offer a full spectrum of displays. Their product line for standard LCD and TFT is already wide, but the company offers so much more.

They are specialized in (semi-)custom and full custom solutions in TN, STN, HTN and VA technology for passive displays and small size TFT (starting at 1.44 inch) all the way up to medium size industrial panels (up to 10.4 inch). Depending on the size and type, TFT displays are available in TN, MVA or IPS. MVA and IPS technology displays have a very wide viewing angle (75 ~ 89 degrees all around) and do not suffer from “inversed” imaging. This phenomenon is common for cost effective TN mode TFT displays.

As one of only few module makers, they have the ability to design a custom TFT panel with modern equipment.
FDT – Embedded Touch Panel Platform (ETPP)

The all new series Embedded Touch Panel Platform (ETPP) is the missing link between open frame monitors and embedded boards and complete panel PC solutions. All medium size industrial panel sizes are supported with a complete integrated configuration.

The hardware is developed with popular OS Windows CE6.0 or Android 2.2 in mind. This enables engineers to develop in a quick way their own applications. FDT has acknowledged the need to get to know the SMART display kit in an efficient way, so a complete starter kit is provided upon request. It has free C# APPs source code for Win CE6.0, free Java APPS source code for Android and various APPs for special I/O. The core is an ARM Cortex-A8 @ 600MHz, 256MB LPDDR DRAM / 256MB NAND Flash and multi I/O ports e.g. RS232/422/485, SPI, I2C, ADC, Ethernet / WiFi. Resistive touch is optional.

Perfectron – embedded PC solutions for harsh environments

For PC board and systems for high end and demanding applications, Perfectron will be the perfect choice. The company combines extreme performance at an affordable price. Next to the special features, the design is also targeted to be available for 5~7 years from introduction date.

The company is a true specialist with an extensive R&D department and employs many people with good communication skills in both Chinese as English.

A good example of the special features of advanced thermal technology and vibration resistance capability, for which Perfectron is a true leader in the industrial embedded PC market.

A unique design tightly integrates the electrical, thermal and mechanical components into a complete system with no compromise to any one segment. It was designed for applications where severe environments and high performance meet. The PER35A’s thermal solution designed with an aluminum heat sink and 4 copper vacuum tube liquid-vapors (Heat-Pipe) which is efficiently manage the heat dissipation. This rugged mechanical structure is also providing better vibration resistance ability to remain the PER35A has perfect computing performance.
The DiBis companies have started the development of their own panel PC. Its heart is a Wynmax 3.5 inch embedded PC with integrated Intel Atom CPU and GSE945 chipset. The PC board has all the standard I/O connections to be used in (semi-)industrial applications. A cost-effective 8 inch TFT with matching R4W touchscreen is added as user interface.

The set is assembled and tested in our Taiwan location in a special designed metal frame.

But the system is modular, so it can be adjusted to your specific request or project requirements.

Wynmax – emphasis on price & performance

Our main focus for embedded PC solutions which are more price sensitive, is Wynmax. The range is composed to be suitable for a wide variety of applications. The production series therefore reach higher numbers, thus making the products attractive in price and specifications. The Wynmax-company is very much focused on good quality, judging from the extensive R&D department.

DiBis Technology Co. Ltd. – your gateway to industrial product combinations from Taiwan