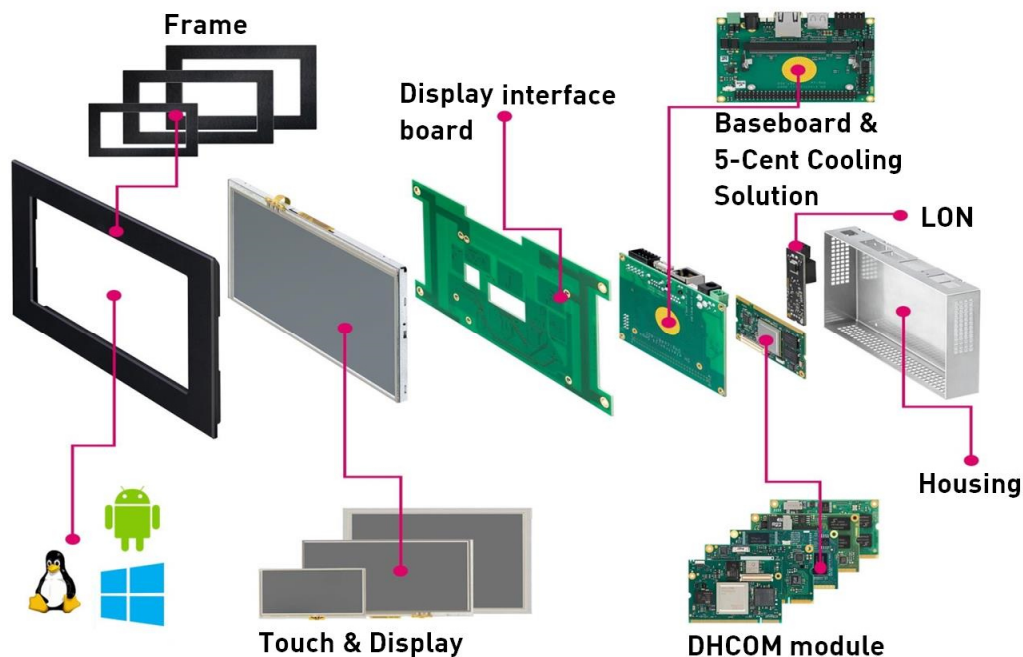


Press Release

Light&Building 2018
For immediate Release

Robust and Reliable in all Applications:

Tailor-made Low-Energy HMIs



With the DH Building Kit Principle (DHMI), customer-specific solutions in the field of user interfaces (HMI) can be quickly and easily planned and developed. Upon request, you will receive individual support from our experienced development team. This allows you to assemble your systems from a large number of proven components according to your specific requirements. For example, performance class and power consumption can be determined via the selected DHCOM processor. The modular concept allows a wide scaling within the pre-integrated modular system.

Long-term availability and product lifecycle management of the individual components of up to 15 years ensure the best in predictability and low total cost of ownership (TCO) without expensive warehousing. The modular system enables installation-compatible upgrades and replacements even beyond this long period of time. This is a decisive advantage especially in building automation. The new NXP i.MX6 UltraLite processor family offers even more advantages such as highest system performance with lowest power consumption and a wide range of integrated interfaces. The power consumption of the Cortex A7 processor is typically less than one watt; nevertheless, the CPU can be clocked up to 900 MHz and equipped with up to 1 GB of DDR3 memory.

Of course, all HMI devices offered by DH electronics are passively cooled, so that encapsulation for a closed installation and higher IP protection classes are easily feasi-

ble. The modular displays vary in size from 4.3 to 21.5"(10.9 to 54.6 cm) and can be equipped with PCAP and resistive touch technologies.

As a special feature in this class the new NXP i.MX6 UltraLite modules are equipped with integrated, power-saving Murata RF modules. These support Bluetooth and / or WLAN as well as a U.FL antenna connector to plug powerful antennas directly on the module. With these integrated wireless interfaces, these HMIs operate as perfect IoT interfaces, too .The two 100 Mbit Ethernet interfaces enable powerful applications especially in and with wired networks.

DH electronics supports the Linux distributions Debian and Yocto for its modules. On demand, DH electronics can assign dedicated support partners for personal care-taking on projects. This is a well working remedy to shorten product development times dramatically.

Benefit from the many years of experience of DH electronics as a specialist for graphical operating devices. Quality and ease of use are no coincidence, but the result of many years of relevant experience. DH electronics has been supplying affordable quality "Made in Germany" for more than 25 years.

About DH electronics:

DH electronics is based in Upper Bavarian Bergen/Chiemsee. The company is specialized in embedded systems and offers standard products as well as customer specific solutions. DH offers one-stop-shopping to its customers. This covers the full development and manufacturing process: From concept development to production, logistics, support and life cycle management.

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