DL i.MX6 ULL
Display-Line



Cost-effective Touch-Panel im Format 5“

- PCAP Multitouch
- Front in pure glass
- Embedded Linux operating system

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Technical Information

HUMAN-MACHINE-INTERFACE		STANDARD
FUNCTION	FRONT DISPLAY TOUCH	Glass front frame 5" TFT, 800 x 480 Pixel 450 cd/m² PCAP Multitouch
OTHER	POWER SUPLLY POWER CONSUMPTION RTC BUFFERING DEBUG DIMENSIONS (W x H x D) INSTALLATION DIMENSION (W x H) TEMPERATURE RANGE PROTECTION CLASS	24V DC +/-20% TBD CR1220 1x Console 130 x 89 x 38 mm 126 x 82 mm 0 °C...+55 °C Front IP65
CPU-UNIT	CPU	NXP i.MX6 ULL 1x Arm® Cortex®-A7 @800 MHz
MEMORY	DDR3-RAM NAND-FLASH NOR-FLASH eMMC SD-CARD nv MEMORY	512 MByte 512 MByte 1 MByte 4 GByte 1x micro SD-Slot 8 kByte nvSRAM
COMMUNICATION	ETHERNET USB SERIAL CAN DIO AIO	2x 10/100 Mbit/s 2x 2.0 Host, 1x 2.0 OTG 1x RS232, 1x RS485 1x CAN 2.0 2x DIO (24 V/bis zu 800 mA) 2x AIN (0...24 V)
SOFTWARE	BOOTLOADER OPERATING SYSTEM RTC	U-Boot Embedded Linux (Yocto Distribution) 5ppm accuracy

Product Highlights

Modern, high-end touch displays have become a must-have for many applications. Many different versions are used across industries such as mechanical and plant engineering. In engineering, they may be deployed as operating and display units, in domestic technology for communicating with lighting, heating and shading systems. They are also used to simplify and optimize processes in the logistics industry.

Our cost-effectiv display-line panel in 5" format feature outstanding optical properties and a wide viewing angle. They are suited for installation in almost any assembly situation, such as mounting in control cabinets, operating consoles, or as variants with an all-glass front. The embedded Linux operating system, included free of additional license fees, offers a sound foundation for a wide range of applications and human-machine interfaces.

Client Benefits

- High-quality design
- Long-term availability
- Flexible configurable
- Compact design
- Excellent price-performance ratio

Applications

- HMI/MMI
- Mechanical engineering
- Building automation
- Automation
- Communication

About Kontron

Kontron is a global leader in IoT/Embedded Computing Technology (ECT) and offers individual solutions in the areas of Internet of Things (IoT) and Industry 4.0 through a combined portfolio of hardware, software and services. With its standard and customized products based on highly reliable state-of-the-art technologies, Kontronprovides secure and innovative applications for a wide variety of industries. As a result, customers benefit from aceerated time-to-market, lower total cost of ownership, extended product lifecycles and the best fully integrated applications.

For more information, please visit: **www.kontron.com**

About Kontron Electronics

Kontron Electronics GmbH is a full-service provider in the electronics industry, offering comprehensive services in development, rapid prototyping, and manufacturing. The company's portfolio includes proprietary and customer-specific products, development and engineering services for complex electronic components, modules, and systems, as well as production and assembly services for complete assemblies. The company is part of the Kontron AG technology group.

For more Information please visit: **www.kontron-electronics.com**

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