DL i.MX6 ULL
Display-Line

Cost-effective Touch-Panel im Format 5"

> PCAP Multitouch

> Front in pure glass

> Embedded Linux operating system

kontron

HUMAN-MACHINE-INTERFACE		STANDARD
FUNCTION	FRONT	Glass front frame
	DISPLAY	5" TFT, 800 x 480 Pixel 450 cd/m²
	TOUCH	PCAP Multitouch
OTHER	POWER SUPLLY	24V DC +/-20%
	POWER CONSUMPTION	Linux running < 1,5 W
	RTC BUFFERING	CR1220
	DEBUG	1x Console
	DIMENSIONS (W x H x D)	130 x 89 x 38 mm
	INSTALLATION DIMENSION (W x H)	126 x 82 mm
	TEMPERATURE RANGE	0 °C...60 °C
	PROTECTION CLASS	Front IP65
CPU-UNIT	CPU	NXP i.MX6 ULL 1x Arm® Cortex®-A7 @800 MHz
MEMORY	DDR3-RAM	512 MByte
	NAND-FLASH	512 MByte
	NOR-FLASH	1 MByte
	eMMC	4 GByte
	SD-CARD	1x micro SD-Slot
	nv MEMORY	8 kByte nvSRAM
COMMUNICATION	ETHERNET	2x 10/100 Mbit/s
	USB	2x 2.0 Host, 1x 2.0 OTG
	SERIAL	1x RS232, 1x RS485
	CAN	1x CAN 2.0
	DIO	2x DIO (24 V/bis zu 800 mA)
	AIO	2x AIN (0...24 V)
SOFTWARE	BOOTLOADER	U-Boot
	OPERATING SYSTEM	Embedded Linux (Yocto Distribution)
	RTC	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 field of electronics, development and manufacturing services. Our business portfolio includes proprietary and client-specific products, development and design services for complex electronics components, modules and systems, as well as production and assembly services for entire devices. The company is part of the technology corporation Kontron AG.

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

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