

## SOPHISTICATED 4.3" SMART TOUCH DISPLAY ON STM32 BASIS

Smartphones have shown how it's done. Now small, sophisticated touch displays are making a major splash on the market. We can already see them in action in a wide range of fields – in mechanical engineering as distributed operating and display units, in building technology for communication with lighting, ventilation, heating and shading systems, in medical technology as high-value, easy-to-clean operating consoles. The fields of application are virtually unlimited, and costs have come down drastically in recent years.

Equip your sophisticated, high-value device with our compact, inexpensive 4.3" touch display! It has outstanding optical properties with a wide angle of view and can be installed in landscape or portrait format. Suited for installation in a simple 72 mm flush-mounted box, it is ultra-compact yet equipped with everything you need from a touch display for building technology. The optional anodized aluminum casing with ambient illumination completes the overall high-grade impression.

The user interface can be set up quickly and efficiently via usability features and proven design tools.

### FEATURES

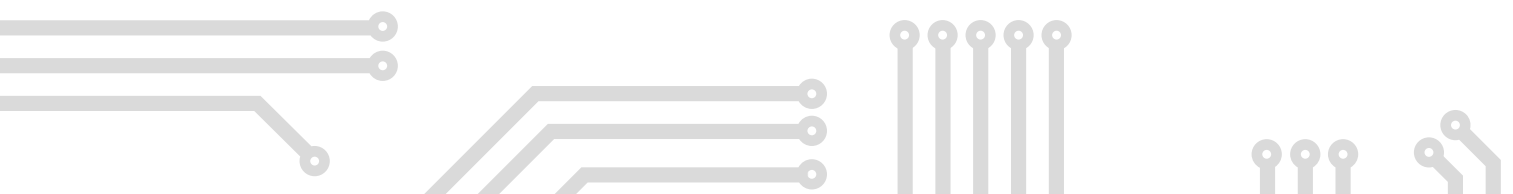
- capacitive touch
- front panel in stainless steel or aluminum
- no operating system required
- simple wall installation
- low power consumption
- rapid boot-up

### CLIENT BENEFITS

- sophisticated design
- long-term availability
- custom front panel and casing design possible
- flexible configuration options
- compact construction
- excellent value for money

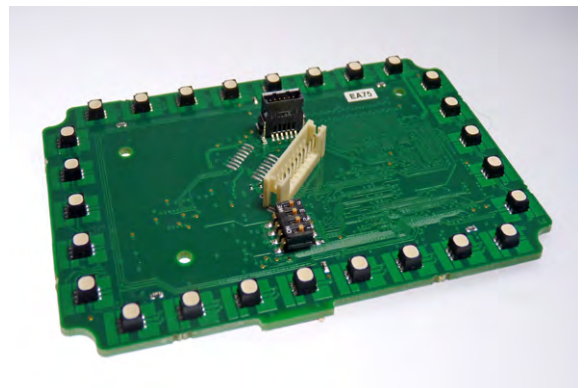
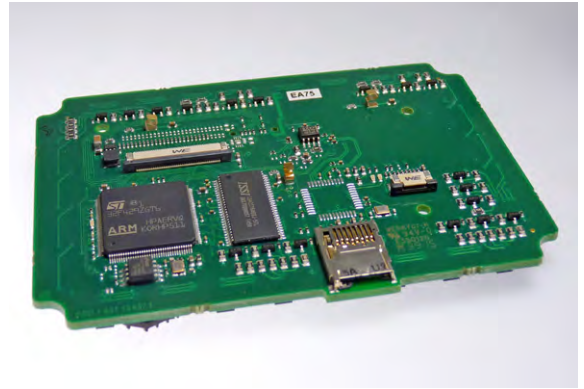
### APPLICATIONS

- mechanical engineering
- building technology
- medical technology
- vehicle technology
- device technology
- communications



## TECHNICAL DATA

PROCESSOR	
CPU	STM32F429 (Cortex M4) 32bit
Memory	1MB FLASH, 256KB RAM
EXTERNAL MEMORY	
SDRAM	8 MB
NOR-Flash	4 MB
SD Card	1x micro-SD
COMMUNICATION (CHOICE OF ETHERNET OR CAN)	
Standard	1x 10/100Base-T
Alternative	1x CAN 2.0B
DISPLAY	
Size	4,3"
Resolution	480 x 272 RGB
View Angle Multi-view	left/right: 160° top/bottom: 160° [85°/75°]
	Freely selectable mounting position, rotatable display
Brightness	Typ. 700 cd/m <sup>2</sup>
LED lifespan	40.000 h
TOUCH	
Touch	capacitive
AMBIENT ILLUMINATION	
LEDs	26x RGB
Colors	16.7 million configurable
Brightness	dimnable
OTHER	
Power supply	24VDC
Mounting type	Flush-mount installation
Power consumption	< 1,7 W (optionally with ambient illumination)
Temperature range	0°C to +70°C
Mechanical dimensions	122 x 86 mm



  
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