

TABLET FEELING FOR YOUR APPLICATION

EA uniTFTm SERIES



FEATURES

- 7.0" 1024x600 dots
- AACS-Display (all angle color stability, optimized backlight and IPS-Panel with widest viewing angle)
- Superbright LED backlight over 800 cd/m²
- Brilliant IPS panel >160° viewing angle
- Object-oriented screen layout
- Change object during run-time: size, shape, color, content
- Animate and move objects
- Alpha-blending
- Fonts: ASCII and Unicode
- Single supply 3.3 V or directly through USB
- Serial Interfaces: USB, RS232, SPI, I²C
- 8 digital, freely definable I/Os built in, expandable up to 136
- 4 analog inputs
- RTC Timer
- Flash-memory as storage for pictures, fonts, menus and log-files
- Internal functions for calculation as well as programmability
- Tone feedback build-in

ORDERING CODES

Displays

7.0" IPS 1024 x 600 pixels, PCAP and white LED backlight	EA uniTFTm070-ATC
7.0" IPS as above but with 2 red MicroMatch connectors (uniTFT070-A compatible)	EA uniTFTm070-BTC

Accessories

ZIF-connector 40 positions 0.5 mm pitch connector for FPC-cable	EA WF050-40S
FPC-cable 40 positions 0.5 mm pitch 102 mm long	EA KF050-40
USB-Kabel Typ A -> USB C around 1 m	EA KUSB-C
MicroMatch THT, 26 position mating connector for soldering (2 pieces needed)	EA B2B127M-26T
MicroMatch ribbon cable, 26 position mating connector crimp (2 pieces needed)	EA B2B127M-26Q
Cable (25 cm) with crimped connectors	EA KM-126

Demopack



Various starter sets with 2.8" IPS display, PCAP and test board. For more information, please refer to the [data sheet \(https://www.lcd-module.de/fileadmin/eng/pdf/zubehoer/demopacke.pdf\)](https://www.lcd-module.de/fileadmin/eng/pdf/zubehoer/demopacke.pdf).

Test board for all interfaces **EA DEMOPACK-CONNI** (<https://shop.lcd-module.com/pcap-demo-interfaces.html>) with additional level converters for SPI & I²C 3.3V and 5V, RS-232 \pm 12V, RS-485, USB
Supply 5~30V

Relay with current measurement and digital inputs up to 30V
Supply 5~30V

Test board with RGB LED (via SPI) and analog voltage measurement **EA DEMOPACK-RGBANA** (<https://shop.lcd-module.com/pcap-demo-led-spannung.html>)