

EA uniTFTs Series



FEATURES

- 1.5" 240x240 / 2.0" 320x240 / 2.8" 320x240 / 3.5" 480x320 / 4.3" 480x272
- AACS-Display (all angle color stability, optimized backlight and IPS-Panel over widest viewing angle)
- Superbright LED backlight over 800 cd/m²
- 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
- Time (RTC), battery-buffered
- Flash-memory as storage for pictures, fonts, menus and log-files
- Internal functions for calculation as well as programmability
- Tone feedback build-in

ORDERING CODE

Displays

| | |
|---|--------------------------|
| 1.5" TFT 240 x 240 pixels, with PCAP and white LED backlight (external dimensions: 44 x 46 mm) | EA uniTFTs015-ATC |
| 2.0" TFT 320 x 240 pixels, with PCAP and white LED backlight (external dimensions: 65 x 43 mm) | EA uniTFTs020-ATC |
| 2.8" TFT 320 x 240 pixels, with PCAP and white LED backlight (external dimensions: 84 x 58 mm) | EA uniTFTs028-ATC |
| 3.5" TFT 480 x 320 pixels, with PCAP and white LED backlight (external dimensions: 100 x 65 mm) | EA uniTFTs035-ATC |
| 4.3" TFT 480 x 272 pixels, with PCAP and white LED backlight (external dimensions: 114 x 84 mm) | EA uniTFTs043-ATC |

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 -> Mini USB around 1 m | EA KUSB-MINI |

Demopack



Test board for all interfaces with additional level converters for SPI & I²C 3.3V and 5V, RS-232 ±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