

ezLCD-302

Sunlight Readable, Programmable LCD



Introducing our third generation, intelligent, all-in-one, ezLCD-302.

This 2.7" **REFLECTIVE**, color LCD is ideal for outdoor or high ambient light applications.

The ezLCD can be easily programmed via a USB development cable (sold separately) and your own computer.

Its simple ASCII command driven operation with a free serial terminal program (included) helps to kickstart your prototype and have you up and running in hours, not days!

Written in EarthSEMPLE language (Simple Embedded Macro Programming Language), the command set is easy to use and intuitive.

The ezLCD-302 includes a multitude of fonts, images, and sample macros. The following widgets are also included: analog meter, buttons, checkbox, dial, radio button, slider, and more.

The ezLCD-302 works with any micro-controller, including Arduino and BASIC Stamp!

Quantity pricing available.

Product Specifications

- 2.7" reflective color TFT LCD
- 240 x 160 resolution
- 512 colors
- Sunlight readable
- LED frontlight
- Powerful 16-bit micro-controller
- 4 MB flash memory for storing fonts, bitmaps, macros
- USB 2.0 and serial TTL interfaces
- 3.3V operating voltage
- Extremely low power - draws less than 100mA
- -10 to +60C operating temperature
- Easy to use EarthSEMPLE (Simple Embedded Macro Programming Language)
- Windows 7, XP, Linux, and OSX operating system compatible
- Use as a graphic client or as a stand alone controller
- Get your project up in running in hours not days
- Options: USB development cable, engineering development kit

OPTIONS:

USB Cable - CBL-5PMINIUSB/TYPEA2.0-6'
USB type-A male / mini-B male cable, 5-pin, black, 6 ft

Engineering Development Kit – ezLCD-302-DK
kit includes: EDK board, two USB 2.0 to mini USB cables, 3.7v lithium battery, standoffs, jumper shunts, screwdriver

- I2C temperature sensor
- I2C ambient light sensor
- 3.7v lithium battery support: charger, two connectors, power switch
- Piezo buzzer and external buzzer connector
- LED drivers
- RS-232 (DB9) interface
- RS-485 interface
- I2C memory pad provisions
- USB to serial bridge with mini USB connector
- 40-pin interface jumper matrix
- Reset button
- 10-pin terminal block with LED indicators
- 10-pin terminal block for RS-232, RS-485, I2C hardware connection
- Built in 10:1 voltage divider
- Voltage and current measurement

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