ezLCD | OEM

ezLCD-303
3.5" Smart, Touchscreen, Color LCD

Get your project up and running in hours, not days!

AMAZING third generation, intelligent, all-in-one, touchscreen "ezLCD" technology.

Highly functional, very flexible, cost-effective alternative to buttons, switches, character modules, STN displays, or more complex graphical reflective touch displays.

Suitable for any indoor application including: point of sale, kiosk, industrial automation, test equipment, home automation, robotics, automotive, laser, medical, banking, security system, portable, and much more!

Simple programming with our ASCII command-driven operation using our free serial terminal program. EarthSEMPL Language (Simple Embedded Macro Programming Language).

A multitude of fonts, images, and sample macros are pre-packaged for a quick start. Widgets include: analog meter, buttons, checkbox, dial, radio button, slider, and more!

Works with any micro-controller, including Arduino!

OEM Quantity pricing available.

Product Specifications

- 3.5" Color, TFT LCD
- 320 x 240 resolution
- 65,536 colors (16 Bit)
- 350 Nit Brightness - LED backlight
- 500 to 1 Contrast Ratio
- Integrated four-wire resistive touchscreen
- Powerful 16 bit Graphics Processing Unit (GPU)
- 4 Mb flash memory for storing fonts, bitmaps, and macros
- USB 2.0 and serial TTL interfaces
- Flush-mount sheet metal mounting bracket
- Overall dimensions: 4.08 x 2.52 x .86
- 3.3V operating voltage
- Extremely low power – 130mA Typical
- -20 to +60C operating temperature
- RoHS compliant
- EarthSEMPL (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

Options

- USB development / programming cable
- Engineering Development Kit

Engineering Development Kit

-DK includes:
- ezLCD-303 all-in-one touch module
- ezLCD-30x-EDK board
- Two USB 2.0 to Mini USB cables
- 3.7v lithium battery
- Jumper shunts
- Screwdriver
- Standoffs

shown: ezLCD-301-DK

Configurations
ezLCD-303 – Production unit

ezLCD-303-DK – Development Kit

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