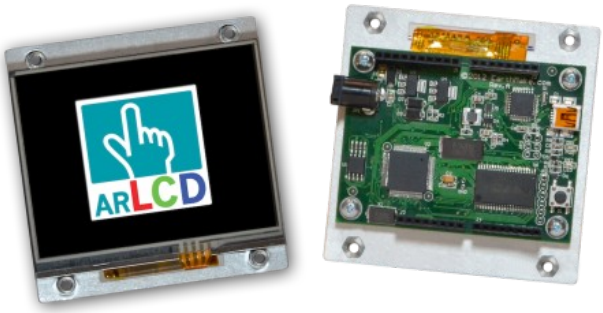
arLCD | OEM

arLCD

ezLCD + Arduino = Touchscreen Magic!



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

The ArduinoLCD features 320 x 240 resolution, 65,536 colors, 250 nit color TFT with resistive touchscreen. Its intelligent control module is highlighted by a 16-bit GPU, 4 megabytes of flash memory, USB 2.0 and Arduino Shield interfaces. The **ArduinoLCD** operates from 6 to 9 volts, draws less than 200mA, and offers a -20 to 60°C operating temperature range. Its low cost makes it a credible alternative to vacuum fluorescent displays, STN passive matrix displays, or more expensive complex graphical LCD products.

Quantity pricing available.

Product Specifications

- Arduino Uno R3 Compatible
- 3.5” color TFT LCD
- 320 x 240 Resolution
- 65k colors • LED backlight
- 350 Nit (cd/m2) Brightness
- 500:1 contrast ratio
- Touchscreen
- Powerful 16-bit GPU
- 4MB flash memory for storing fonts, bitmaps & macros
- USB 2.0
- Overall outline dimensions: 3 x 3 x .9 inches
- 6-9V operating voltage
- Extremely low power – draws less than 200mA
- -20 to 60C Operating temperature
- RoHS compliant
- Easy to use library with full range of widgets including (buttons, sliders, and meters)
- Operating systems: Windows 7, XP, Linux, and OSX

The 3.5" has 64% more display area than a 2.8" LCD Shield. We leveraged the hardware and software API of EarthLCD ezLCD and the open source Arduino UNO to give the ability to simply copy macros, fonts, and bitmaps to the **arLCD** flashdrive from a PC via USB, and development using the Arduino IDE allows for rapid product development under Windows, Linux, and OSX operating systems.

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