



LCD Board, 7 inch TFT 800x480

Embedded Artists' 7 inch (800x480 pixel) TFT LCD Display adds graphics capabilities to your LPC1788 Developer's Kit, LPC3250 Developer's Kit, LPC4088 Developer's Kit and LPC4357 Developer's Kit.

The display has an RGB interface. A simple 2x25 IDC connector (2.54mm pitch) is used to interface the display board. This IDC connector is compatible with the LCD Expansion Connector of the OEM Base Board.

A small graphical library for the display, with basic drawing operations, can be downloaded from our support page after purchase of the display.

Go to the resource section below to see a video with mounting instructions of the LCD Board.

Specification

7 inch TFT LCD Board

RGB interface with 36MHz pixel clock.

Diagonal size: 7 inch

Display technology: TFT

Display mode: Transmissive

No of pixels: 800xRGBx480 (Wide VGA size, WVGA)

Supply voltages: 3.3V and 5V

White LED backlight, with PWM control

View area: 152.40x 91.44 mm

Dot size: 0.0635x 0.1905 mm

Operating temperature: -20 to + 70 degrees Celsius

No of colors: 65K

165 x 150 mm board size

Resistive touch screen

Board includes TSC2046 touch screen controller (from TI) with SPI interface

Included in kit

7 inch LCD Board with LCD mounted.

50 pos IDC cable

Mounting material