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Art. EA-LCD-004

## LCD BOARD, 4.3 INCH TFT 480X272

Embedded Artists' 4.3 inch (480x272 pixel) TFT LCD Display adds graphics capabilities to your **LPC1788 Developer's Kit**.

The display has a 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

#### 4.3 inch TFT LCD Board

- RGB interface with 9MHz pixel clock.
- Diagonal size: 4.3 inch
- Display technology: TFT
- Display mode: Transmissive
- No of pixels: 480xRGBx272 (QVGA size)
- Supply voltages: 3.3V and 5V
- White LED backlight, with PWM control
- View area: 95.04 x 58.56 mm
- Dot size: 0.198 x 0.198 mm
- Operating temperature: -20 to +70 degrees Celsius
- No of colors: 65K
- 165 x 150 mm board size

#### Supported OEM Base Board

The LCD Display Board can be used directly with the **OEM Base Board** (included in the LPC1788 Developer's Kit).

### RESOURCES

### INCLUDED IN KIT

### RELATED PRODUCTS

### FAQ

## USEFUL INFORMATION

We are located in Malmö, Sweden.

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