

LCD8000-43T-EX1 is a TFT-LCD module with a 16/24-bit RGB parallel conversion board. The conversion board integrates a TSC2046 chip for touch function and a 3.3V regulation chip with capability to implement I2C control and PWM backlight control. It supports 16-bit and 24-bit driving modes for LCD displays, as well as connecting SPI 4-wire resistive touch-screen.

Kit Contents



LCD-Ex Expansion Board



4.3" Touchscreen LCD Module with 50-pin FPC Cable

Setting Up the System

<p>Connect the LCD-Ex</p>	<p>Connect the LCD-Ex to the host platform using 50-pin FPC cable. Connect to LCD-Ex board at the connector pointed to in image above.</p>
<p>Connect the LCD</p>	<p>Connect the LCD module to the BB View using supplied FPC cable to the 50 pin LCD connector (keep the blue side of FPC cable UP)</p>
<p>Connect the Power Supply</p>	<p>Plug in the power adaptor to the host platform (power supply not included in the package)</p>
<p>Image Update</p>	<p>Please refer to User Manuals on how to work with LCD8000-43T-EX1 @ www.element14.com/community/docs/DOC-68483</p>

Disclaimer

This product is intended to be used for **ENGINEERING DEVELOPMENT, DEMONSTRATION OR EVALUATION PURPOSES ONLY** and is not considered by element14 to be a finished end product fit for general consumer use. Persons handling the product(s) must have electronics training and observe good engineering practice standards. The goods being provided are not intended to be complete in terms of required design and/or manufacturing related protective considerations, including product safety and environmental measures typically found in end products that incorporate such semiconductor components or circuit boards.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

