

# 4DLCD-FT843



## Datasheet

Revision 1.3

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## 1. Description

The 4DLCD-FT843 is an embedded SPI display from 4D Systems, featuring a 4.3" resistive touch display with an integrated FTDI FT800 Video Engine.

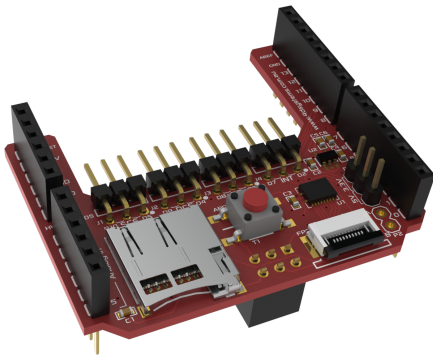
The 4DLCD-FT843 is a powerful SPI Display that enables an SPI host to be connected directly to the display, providing a powerful set of graphics features to the host using the onboard FTDI FT800 Video Engine.

This display provides 4-in-one functionality, a 4.3" TFT LCD Display, Audio with an amplifier enable, and Resistive Touch screen and an integrated Video Engine. This combination built directly into the screen allows for simple integration into several applications.

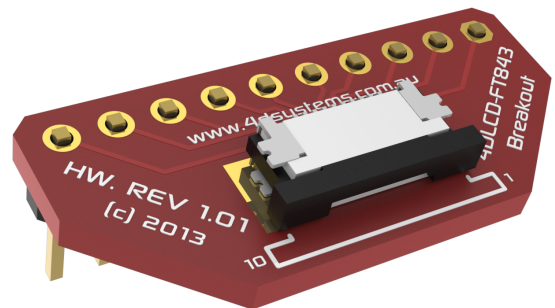
The FT800 Video Engine runs the FTDI version of EVE (Embedded Video Engine), which targets high-quality graphics displays with Widget support, designed to offload the Host Processor and provide a variety of graphics features.

4D Systems has designed an Arduino Compatible Shield nicknamed ADAM (Arduino Display Adaptor Module) to interface with the EVE-driven 4DLCD-FT843 Display, along with a simple breakout board (4DLCD-FT843-Breakout) to attach to a generic host or breadboard.

All software support for the 4DLCD-FT843 Display is provided directly from FTDI. FTDI also writes and supplies the libraries and demos for this shield/display combo. Hardware support is provided by 4D Systems.



*ADAM Shield for Arduino*



*4DLCD-FT843 Breakout*

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