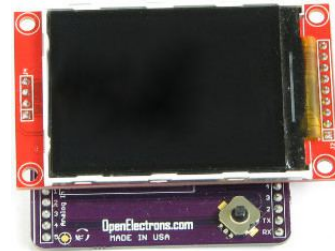


What is UIModule

UIModule is an LCD screen with a multi-directional button that is compatible with the Arduino Uno.

The UIModule is designed for use with the EVShield in the Arduino programming environment.

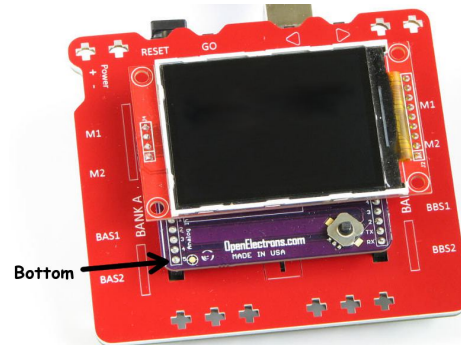
You can also use it without EVShield on an Arduino Uno.



Connections

The UIModule has two 6-pin and two 8-pin male headers that connect to EVShield and Arduino Uno.

Line up the bottom right and left male header pins with the female bottom right and left sockets of the EVShield. Refer to figure below for visual reference.



Button

The UIModule button has five options:

Click, Up, Down, Right, and Left.

Directions are labeled on the board by the first English letter.

*****UIModule button Cap is NOT removable.*****

Software Setup

1)Download and unzip the Evs_UIModule.zip, Adafruit_GFX.zip, and Adafruit_ILI9340 .zip folders found at

<http://openelectrons.com/docs/viewdocs/31>.

2)Copy the EVs_UIModule, Adafruit_GFX, and Adafruit_ILI9340 folders into the your existing Arduino/libraries folder.

Programming

Documentation for EVs_UIModule library can be found at

http://openelectrons.com/EVs_UIModule/html/index.html