XC4630 User Guide

Brief Description:

A large, colourful touch display shield which piggy-backs straight onto your Uno or Mega. Display photos from the Micro SD card slot on the display to create a slick and professional-looking project.

Setup:

The XC4630 shield simply sits on top of the Arduino platform.

Software:

Use the Arduino library MCUFRIEND_kbv found in the Arduino library manager or through the following github link: https://github.com/prenticedavid/MCUFRIEND_kbv

Once installed, you must modify **MCUFRIEND_kbv.cpp** found in the library folder; ie:

```
Documents/Arduino/libraries/MCUFRIEND_kbv/MCUFRIEND_kbv.cpp
```

Edit this file so that **SUPPORT_8230** is defined; you can undefined the other chipsets to save space.

Examples:

You will then be able to use the complete library for your project; you can use the

```
Examples > MCUFRIEND_kbv > showBMP_kbv_Uno
```

to display an **.bmp** image from SD card onto the screen. (must be 24bit colour or less.)