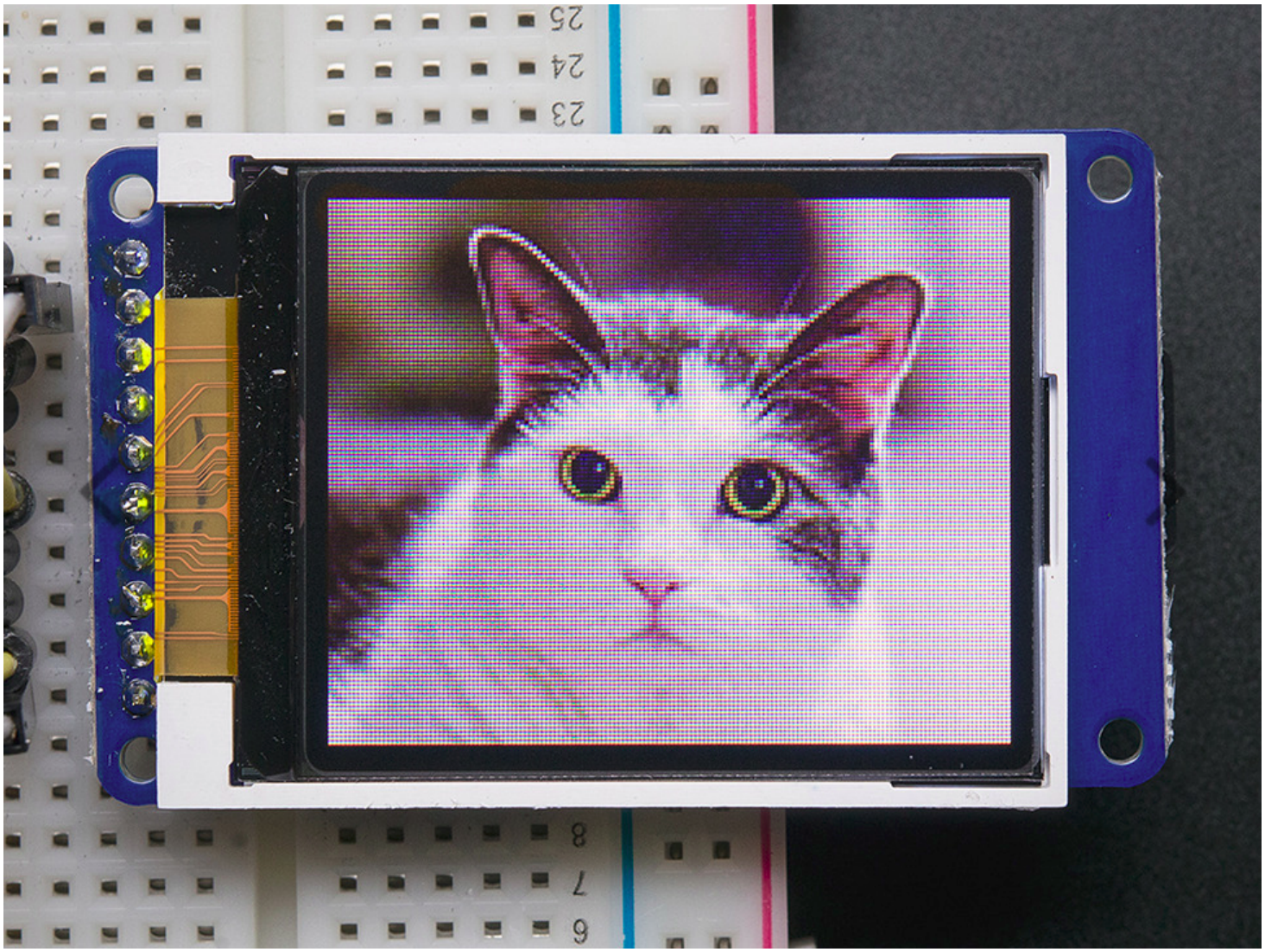
Adafruit will not be shipping orders Monday January 18, 2016 in observance of Martin Luther King, Jr. Day. Orders placed after 11am EST Fri January 15 will go out Tuesday January 19.

LCDS & DISPLAYS / GRAPHIC TFT / 1.8" COLOR TFT LCD DISPLAY WITH MICROSD CARD BREAKOUT

1.8" Color TFT LCD display with MicroSD Card Breakout - ST7735R

PRODUCT ID: 358

$19.95



QTY DISCOUNT

1-9 $19.95
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DESCRIPTION -

This lovely little display breakout is the best way to add a small, colorful and bright display to any project. Since the display uses 4-wire SPI to communicate and has its own pixel-addressable frame buffer, it can be used with every kind of microcontroller. Even a very small one with low memory and few pins available!

The 1.8" display has 128x160 color pixels. Unlike the low cost "Nokia 6110" and similar LCD displays, which are CSTN type and thus have poor color and slow refresh, this display is a true TFT! The TFT driver (ST7735R) can display full 18-bit color (262,144 shades!). And the LCD will always come with the same driver chip so there's no worries that your code will not work from one to the other.

The breakout has the TFT display soldered on (it uses a delicate flex-circuit connector) as well as a ultra-low-dropout 3.3V regulator and a 3/5V level shifter so you can use it with 3.3V or 5V power and logic. We also had a little space so we placed a microSD card holder so you can easily load full color bitmaps from a FAT16/FAT32 formatted microSD card. The microSD card is not included, but you can pick one up here.

Of course, we wouldn't just leave you with a datasheet and a "good luck!" - we've written a full open source graphics library that can draw pixels, lines, rectangles, circles, text and bitmaps as well as example code and a wiring tutorial. The code is written for Arduino but can be easily ported to your favorite microcontroller!

TECHNICAL DETAILS +

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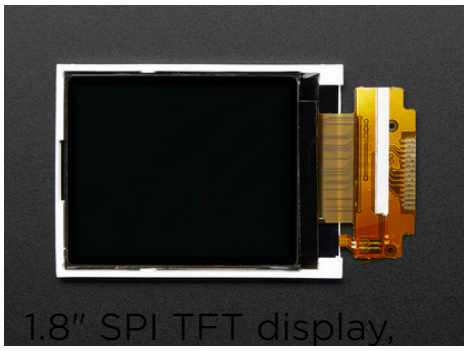
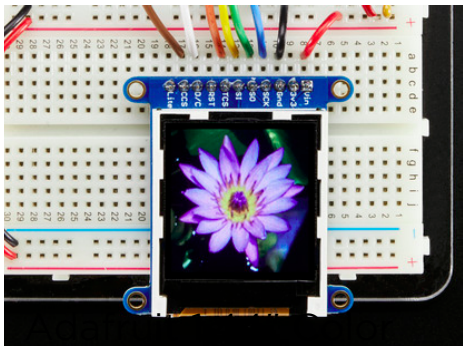
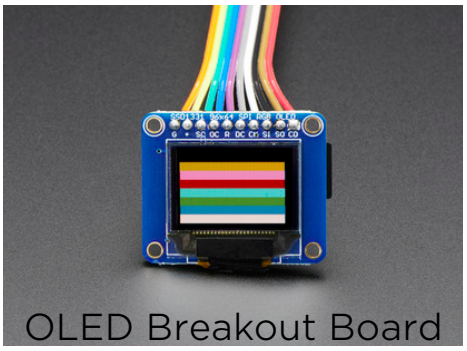
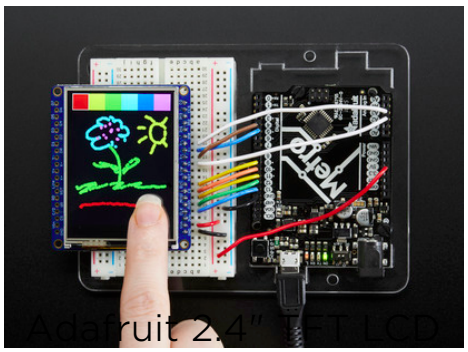
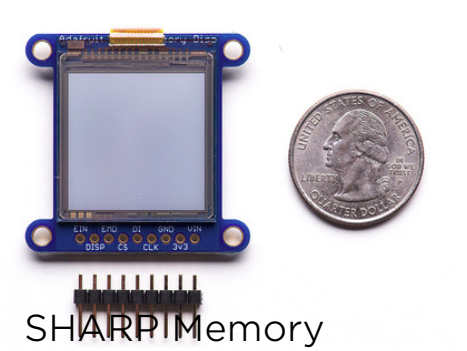
MAY WE ALSO SUGGEST... -

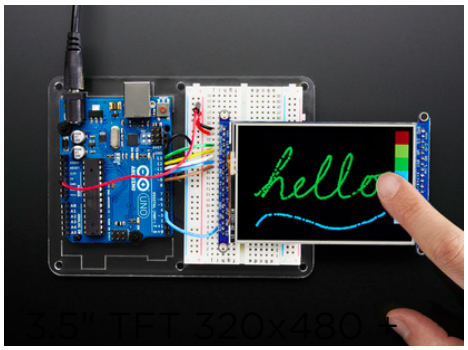


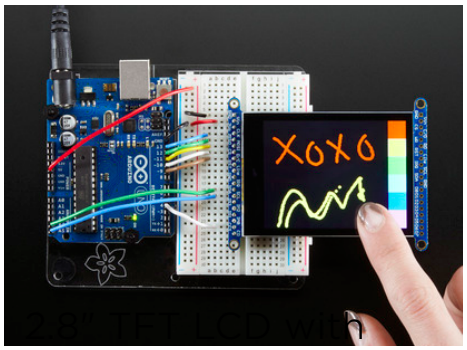


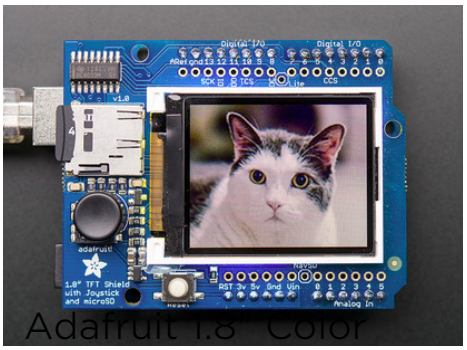


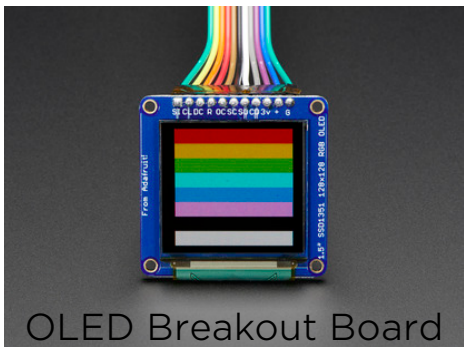


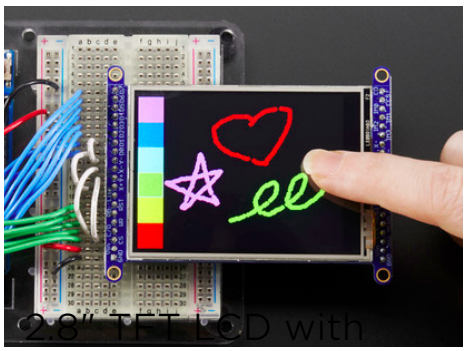












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