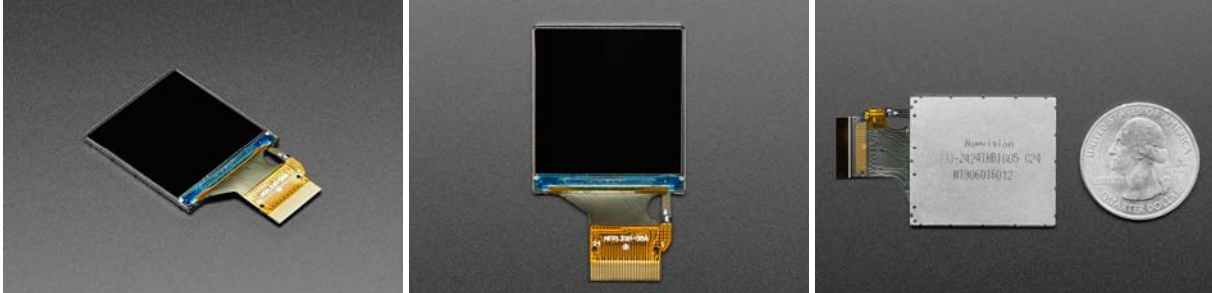




**THE DATASHEET OF**  
**4520**





# Adafruit 1.3" 240x240 Wide Angle IPS TFT Display

PRODUCT ID: 4520

## DESCRIPTION

This is a screen for advanced hackers who like the look of the TFT screen we've put into the Adafruit CLUE and Adafruit Mini PiTFT 1.3". The 1.3" display has 240x240 16-bit full-color pixels and is an IPS display, so the color looks great up to 80 degrees off-axis in any direction. The TFT driver (ST7789) is very similar to the popular ST7735, and our Arduino library supports it well.

This is just the display module! No PCB is included!

We're selling this module bare for those who want to integrate it into their own project. If this is your first time working with this TFT we suggest our breakout board which makes it easy to use SPI interfacing and also has mounting holes, level shifting, etc..

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!

For the matching connector, you'll need a 24-pin 0.5mm pitch bottom contact FPC connector such as Amphenol SFV24R-2STE1HLF



# TECHNICAL DETAILS

- Screen dimensions: 26mm x 26mm / 1.02" x 1.02"



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