Adafruit 1.14" Color TFT Display w/ MicroSD Card Breakout

Product Overview
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For the most up-to-date information, visit www.mouser.com or the supplier's website.
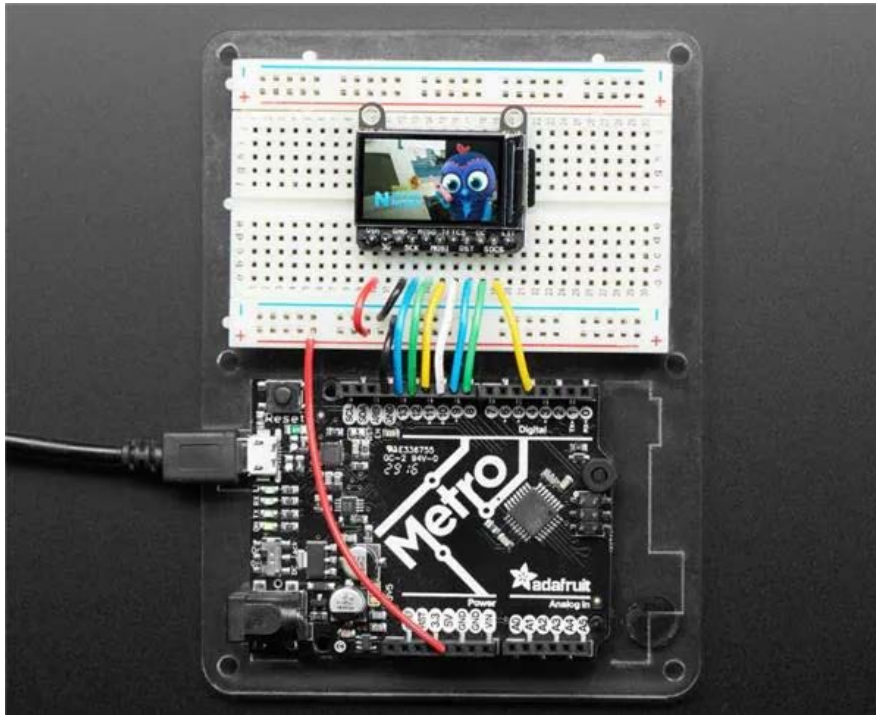
Description

Adafruit 1.14" Color TFT Display w/ MicroSD Card Breakout features a 1.14" diagonal length display that is packed with RGB pixels for building very small high-density displays. This breakout board offers a 4-wire SPI interface for communication and its own pixel-addressable frame buffer. This allows the board to be used with a wide range of microcontrollers or microcomputers. The breakout board features the ST7789 TFT driver, ultra-low-dropout 3.3V regulator, and a 3V/5V level shifter. The level shifter makes sure that the breakout board can be used with 3.3V or 5V power and logic. This breakout board consists of a microSD card holder that helps in loading full-color bitmaps from a FAT16/FAT32 formatted microSD card. The breakout board is RoHS2 compliant and is available in 32mm x 27.8mm x 5.7mm dimensions.

Features

- 240 x 135 high-resolution pixel color
- MicroSD card holder
- 1.14" diagonal length
- Full-angle viewing
- 4-wire SPI interface
- Pixel-addressable frame buffer
- ST7789 TFT driver
- Ultra-low-dropout 3.3V regulator
- 3V/5V level shifter for use with 3.3V or 5V power and logic
- RoHS2 compliant
- 32mm x 27.8mm x 5.7mm dimensions

Board Overview

Mouser Part Number

View Part

To learn more, visit https://www.mouser.com/new/adafruit/adafruit-tft-display-microsd-card-breakout/