

E-Ink Feather Friend Board with 32KB SRAM

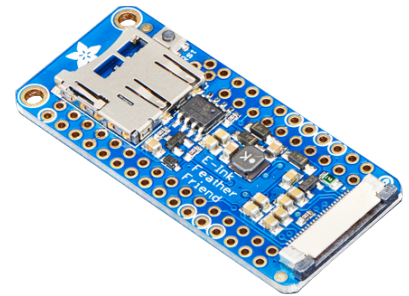
Product Overview

09/14/2022

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

Description

Adafruit E-Ink Feather Friend Board with 32KB SRAM makes it easier to add an elnk display. Adafruit supports Arduino/ CircuitPython drivers for all of Adafruit Feathers, making it sensible to add an elnk display. Every small-to-medium size elnk display has a standard 24-pin connection. This elnk Feather Friend will add all the power supply support circuitry, and level shifting so the user can attach a display (up to tri-color 4.2") and wire it up to a development board.

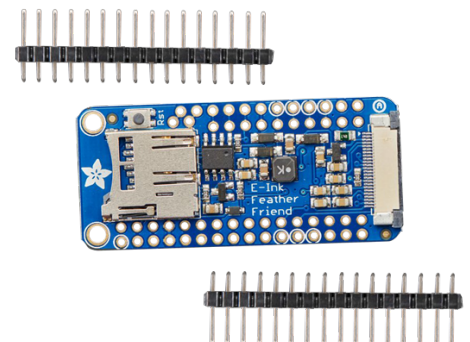


The user can create a frame buffer using CircuitPython or Arduino libraries and write that to the display with desired pixels. The elnk Feather Friend is designed with a 256Kilobit (32Kilobyte) SRAM chip and shares the SPI port hence needing just one extra pin. The user can control up to a 4.2" 300x400 tri-color display (300x400 x 2 colors/8 bits-per-byte = 30KB).

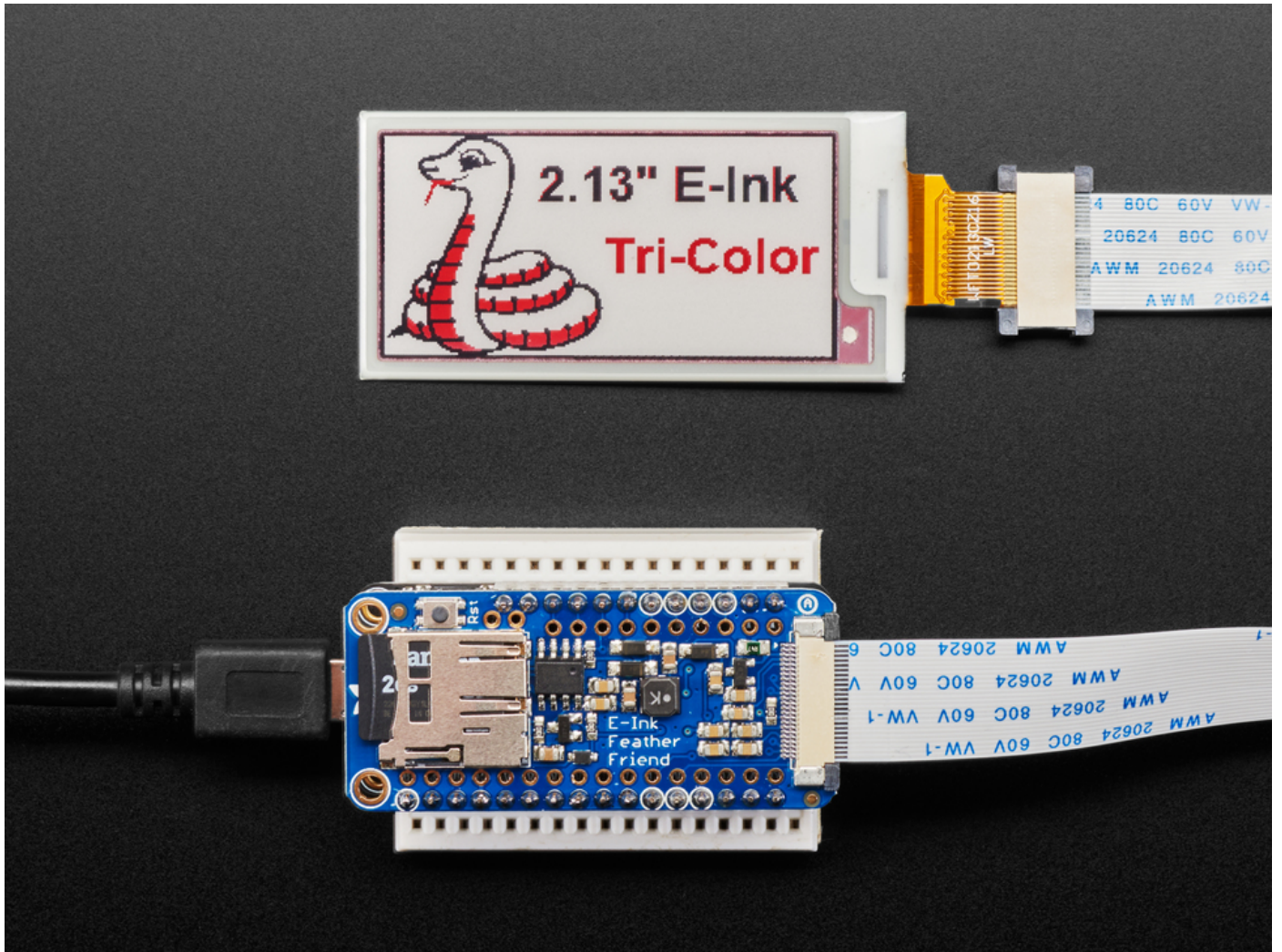
The elnk Feather Friend also has a MicroSD socket so the user can store images, text files, or whatever the user wants on the display. This also is assembled and tested with some headers that can be soldered to attach it to the feather. The elnk Feather Friend does not come with an elnk display or extension cable and can be used with just about any elnk display that has a 24-pin FPC connector.

Features

- Supports 24-pin FPC connector
- Adds power supply support circuitry and level shifting
- Frame buffer can be created
- 256Kbit SRAM chip
- 4.2" 300 x 400 tri-color display
- Contain MicroSD socket



Typical Connections



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/adafruit/adafruit-eink-feather-friend-board/>