

# E-Ink Feather Friend Board with 32KB SRAM

## Product Overview

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For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

Adafruit E-Ink Feather Friend Board with 32KB SRAM makes it easier to add an eInk display. Adafruit supports Arduino/CircuitPython drivers for all of Adafruit Feathers, making it sensible to add an eInk display. Every small-to-medium size eInk display has a standard 24-pin connection. This eInk 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.

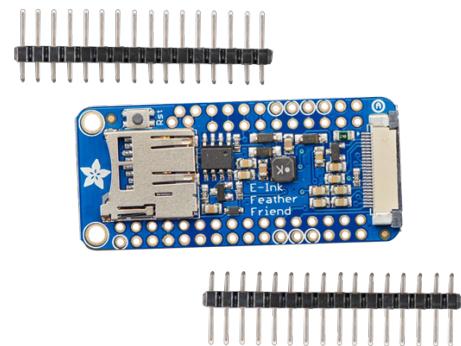


The user can create a frame buffer using CircuitPython or Arduino libraries and write that to the display with desired pixels. The eInk Feather Friend is designed with a 256Kilobit (32Kilobyte) SRAM chip and shares the SPI port hence needing just one extra pin. The user can control up to a 4.2" 300x400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

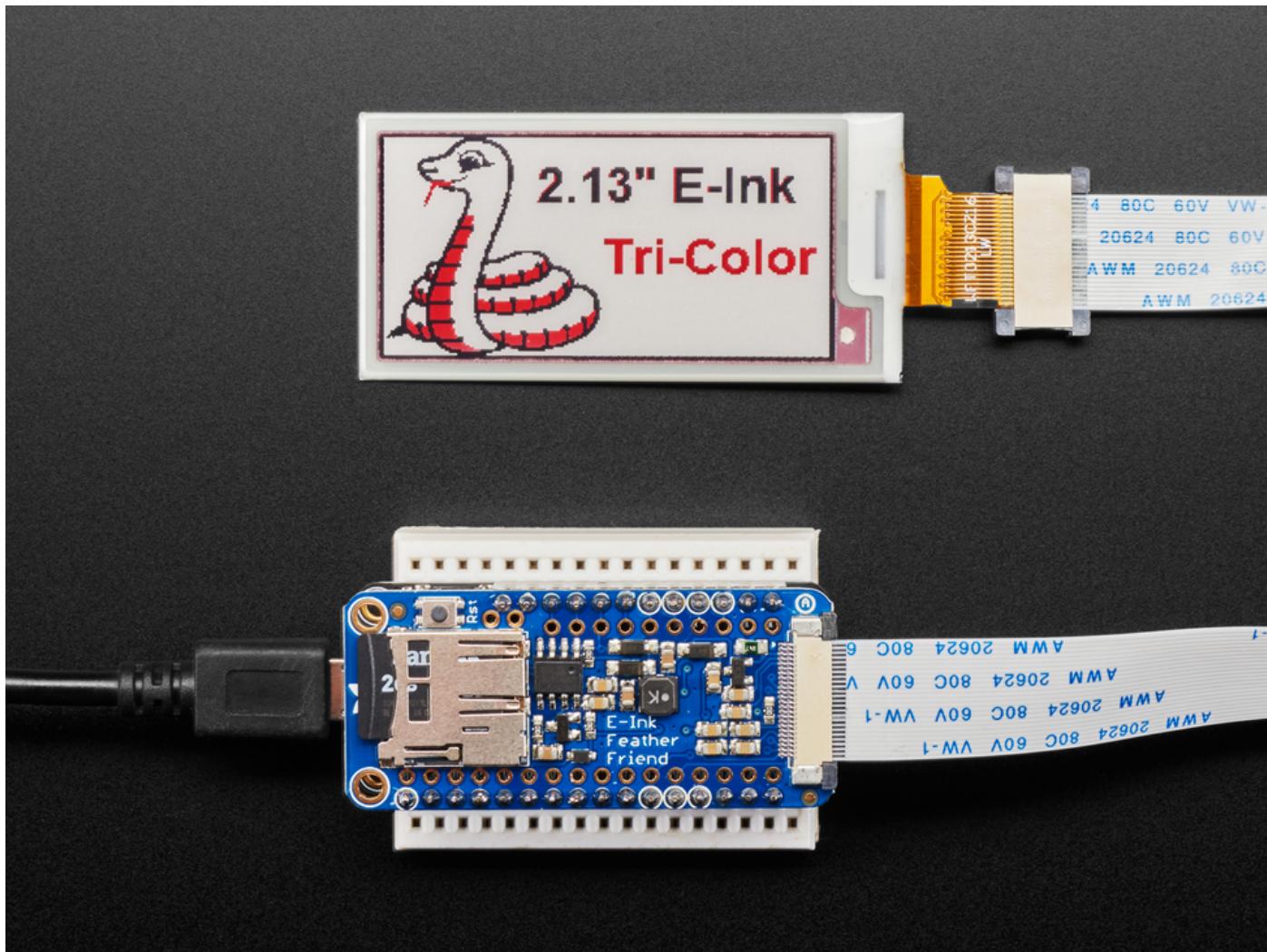
The eInk Feather Friend also has a MicroSD socket so the user can store images, text files, or whatever the user wants on the display. This also is assembled and tested with some headers that can be soldered to attach it to the feather. The eInk Feather Friend does not come with an eInk display or extension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