Raspberry Pi e-ink Display Module

DFR0591
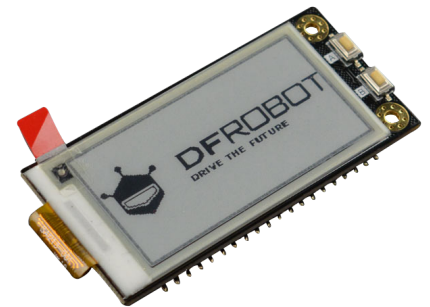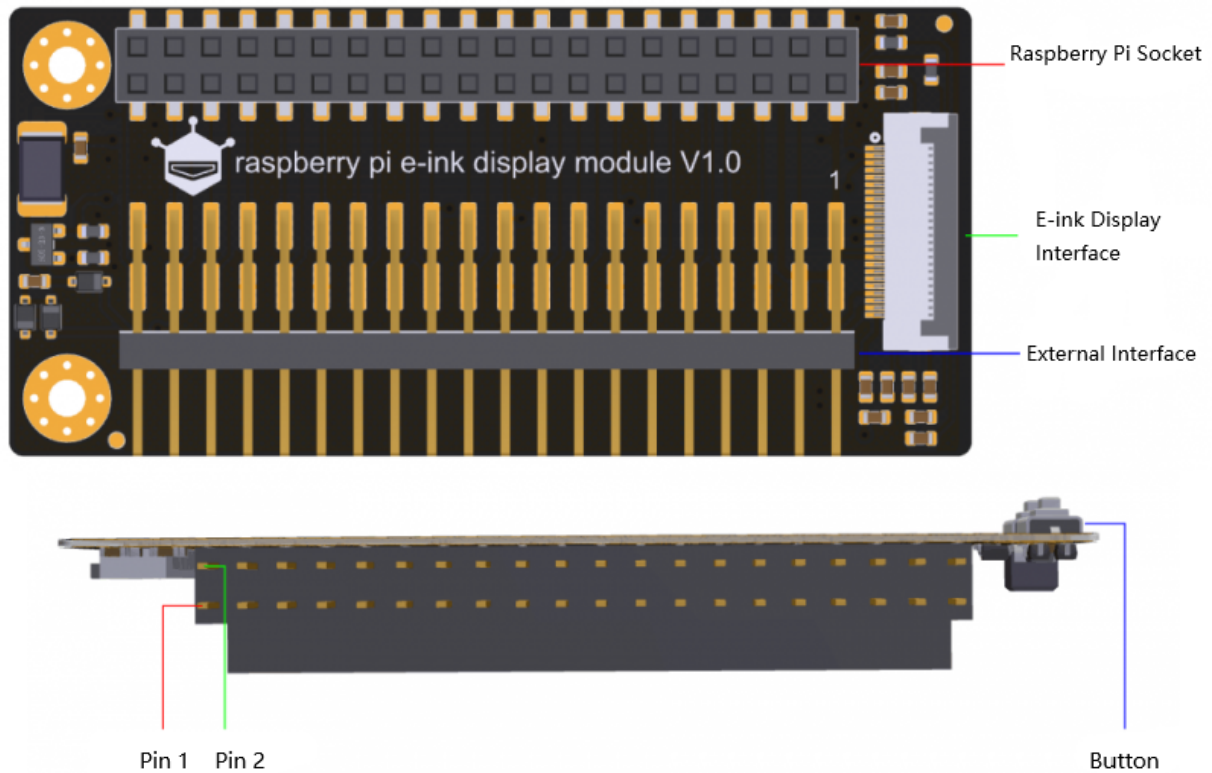
Description

DFRobot Raspberry Pi e-ink Display Module offers a 2.13-inch screen with a resolution of 250x122 and adopts an SPI interface to communicate with Raspberry Pi. This display module leads out the pins on Raspberry Pi and thereby avoids conflicts if the e-ink display and Raspberry Pi are used at the same time. This Pi e-ink display module features a small size, compact layout, plug-and-play, and lower power consumption.

Features

- 3.3V operating voltage
- -20°C to 60°C storage temperature range
- 66.5mm x 31mm/2.62" x 1.22" dimensions
- Refresh time:
  - 3s for full refresh
  - 680ms for partial refresh
- 26.4mW refresh power
- 2.54mm 2x20 pin connector
- 0.017mW standby power
- >170° visual angle
- GDE0213B1 model
- Black or white colors
- 250 x 122 resolution
- SPI interface type

Board Overview

Raspberry Pi Socket

E-ink Display Interface

External Interface

Pin 1   Pin 2

Button

Mouser Part Number

View Part

To learn more, visit https://www.mouser.com/new/dfrobot/dfrobot-raspberry-pi-e-ink-display-module/