

Fermion 1.51" OLED Display w/ Converter

DFR0934

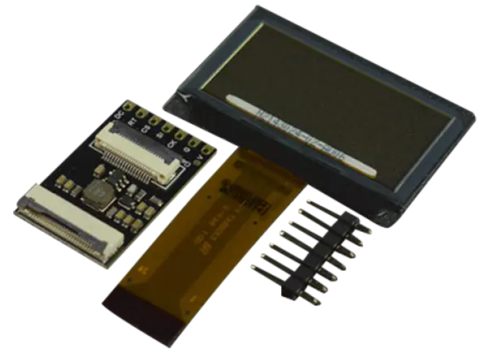
Product Overview

01-02-2023

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

Description

DFRobot Fermion 1.51" OLED Display w/ Converter (Breakout) offers a resolution of 128x64. This transparent monochrome OLED display (light blue) with a converter is available in GDI and SPI connections. The OLED display features a full-view display, high resolution, 3.3V working voltage, and a 42mm x 27mm screen size. Typical applications include smart home transformation, DIY desktop display, interactive display for a booth, and 3D display.

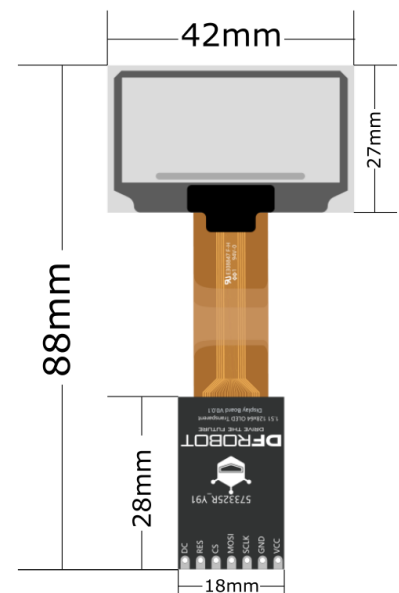


Features

- Transparent OLED display
- Full-view display
- High resolution
- Blue display

Specifications

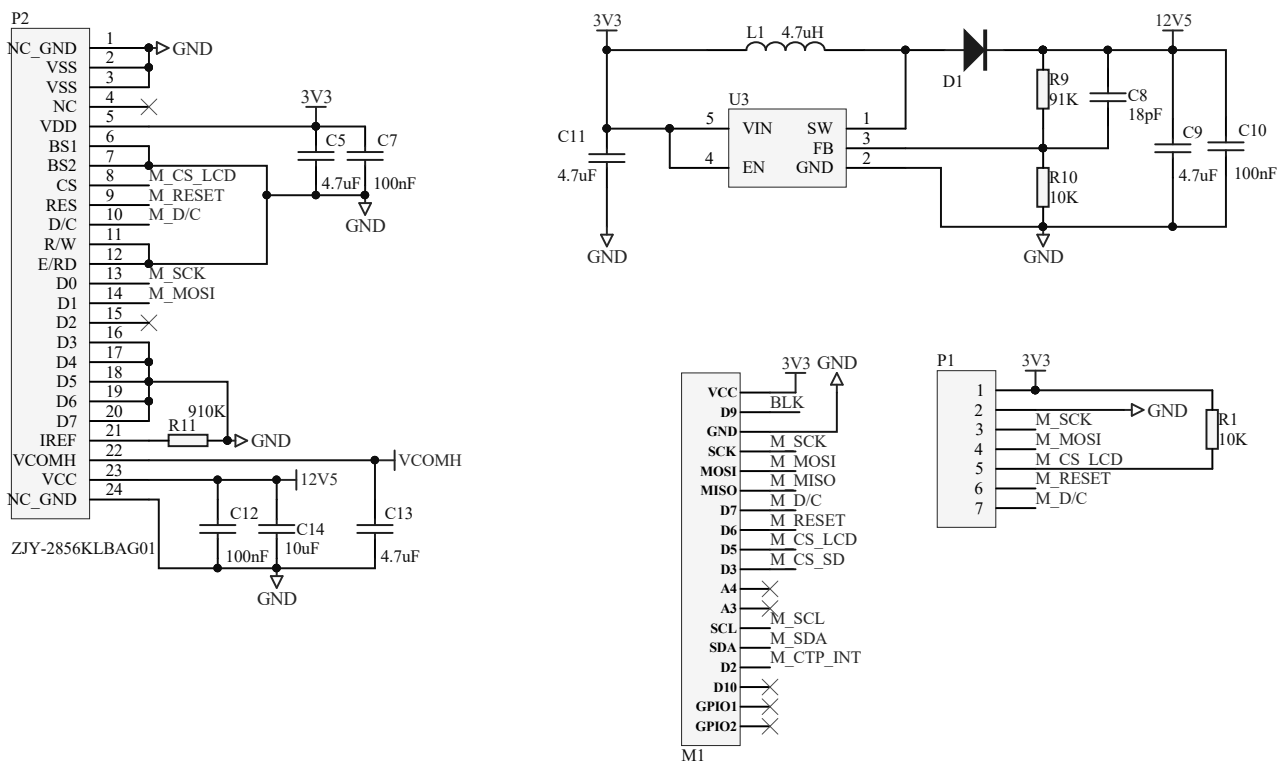
- 3.3V working voltage
- View angle:
 - Full view
- SSD1309 driver chip
- Converter interface:
 - SPI and GDI
- 18mm x 28mm/0.71" x 1.10" adapter size
- 35.05mm x 15.32mm/1.40" x 0.60" display area
- Blue display color
- 0.274mm x 0.274mm pixel pitch
- 42mm x 27mm/1.65" x 1.07" screen size
- -40°C to 70°C working temperature



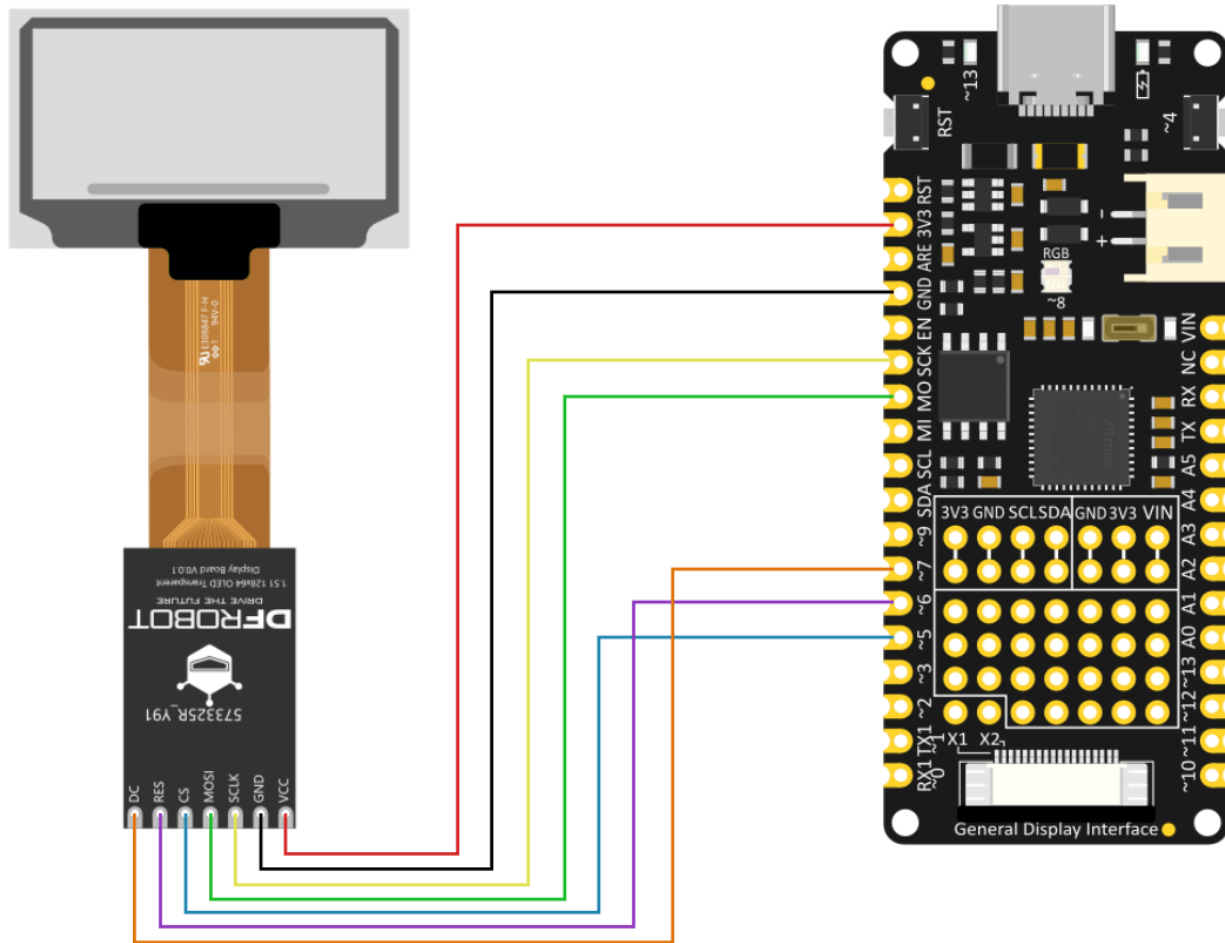
Applications

- Smart home transformation
- DIY desktop display
- Interactive display for a booth
- 3D display

Schematic Diagram



Connection Diagram



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-fermion-oled-display/>