

# SparkFun Flexible Grayscale OLED Breakout - 1.81"

LCD-14606

DESCRIPTION

FEATURES

DOCUMENTS

- Operating Voltage: 3.5V - 5V
- Operating Temperature: -40°C - 60°C
- Resolution: 160 x 32
- Bend Radius: 40 mm
- Pixel Density: 88 DPI
- Grayscale Resolution: 4-bit
- Weight:
  - Display: 0.4g
  - PCB: 2.25g
- Dimensions:
  - Display: 16mm x 56mm
  - PCB: 16mm x 37mm

## Tags

ARDUINO

BREAKOUT

FLEX

GRAYSCALE

LCD

OLED

PYTHON

SPI

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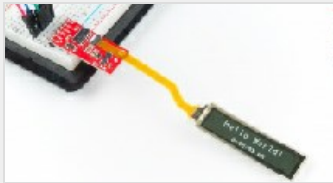


## SparkFun Flexible Grayscale OLED Breakout - 1.81" Product Help and Resources

TUTORIALS

VIDEOS

SKILLS NEEDED



### Flexible Grayscale OLED Hookup Guide

MAY 31, 2018

Figure out how to get images displaying on your new flexible OLED screen.

COMMENTS

3

REVIEWS

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## Comments

## 🔧 Looking for answers to technical questions?

We welcome your comments and suggestions below. However, if you are looking for solutions to technical questions please see our [Technical Assistance](#) page.

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**Member #1502307** / about a year ago / ★ 1

Hi everybody, Nice display. It works very well with an arduino uno. But how could I make the display work with an esp32 board like the firebeetle ? Thanks a lot for any help.



**Member #1471029** / about a year ago / ★ 1

Bought one 1.81 inch flexible OLED and used both Arduino and Raspberry Pi to drive it but still no luck to get the display working. Anyone can help?



**simonfrfr** / about 2 years ago \* / ★ 1

The flipVertical Function doesn't seem to be working in the Arduino Library. Not sure if I might be using it wrong. But I am calling it prior to Draw. The Horizontal Flip Function seems to work perfectly though. (I have tried both True and False Values, when I set it to false the display goes blank)



**START**  
SOMETHING.



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