



SparkFun Micro OLED Breakout (Qwiic)

LCD-14532 ROHS Open Source Hardware

The SparkFun Qwiic Micro OLED Breakout is a Qwiic-enabled version of our popular Micro OLED display! The small monochrome, blue-on-black OLED screen presents incredibly clear images for your viewing pleasure. It's "micro," but it still packs a punch — the OLED display is crisp, and you can fit a deceptively large amount of graphics on there. This breakout is perfect for adding graphics to your next project and displaying diagnostic information without resorting to a serial output, all with the ease of use of our own Qwiic Connect System!

This version of the Micro OLED Breakout is exactly the size of its non-Qwiic sibling, featuring a screen that is 64 pixels wide and 48 pixels tall and measuring 0.66" across. But it has also been equipped with two Qwiic connectors, making it ideal for I²C operations. We've also added two mounting holes and a convenient Qwiic cable holder incorporated into a detachable tab on the board that can be easily removed thanks to a v-scored edge. We've even made sure to include an I²C pull-up jumper and ADDR jumper on the back of the board, so if you have your own I²C pull-ups or need to change the I²C address of the board, you have options!

The SparkFun Qwiic Connect System is an ecosystem of I²C sensors, actuators, shields and cables that make prototyping faster and less prone to error. All Qwiic-enabled boards use a common 1mm pitch, 4-pin JST connector. This reduces the amount of required PCB space, and polarized connections mean you can't hook it up wrong.

FEATURES

- Qwiic-Connector Enabled
- Operating Voltage: 3.3V
- Operating Current: 10mA (20mA max)
- Screen Size: 64x48 pixels (0.66" Across)
- Monochrome Blue-on-Black
- I²C Interface

