Gravity IO Shield for FireBeetle M0 & ESP32-E
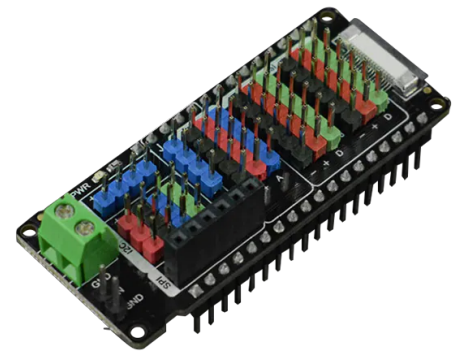### DFR0762

Product Overview
01-13-2023
For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

The Gravity IO Shield for FireBeetle M0 and ESP32-E from DFRobot for FireBeetle M0 and ESP32-E is specially designed for FireBeetle 2 series (M0, ESP32-E). This Gravity IO expansion shield offers various ports, including digital, analog, I²C, UART, SPI, etc. Also, the DFRobot Gravity DFR0762 comes with a power input socket for connecting an external power supply and EN pin for cutting off the power supply to the mainboard.

The Gravity IO shield allows a convenient connection between DFRobot Gravity sensors and FireBeetle 2 series. No soldering is required. This expansion board is specifically designed for FireBeetle 2 controllers' series: M0, ESP32-E, and is unsuitable for the original FireBeetle Series.

Features

- All pins brought out; no soldering required
- Supports various Gravity sensors and modules
- 3.3V~5.5V PH2.0 power port, applicable to portable projects
- GDI interface for connecting DFRobot GDI series
- Support in-line SD card module

Specifications

- All pins brought out onto female headers
- Digital IO x12: GP2, GP3, GP12-22
- Analog IO x6: A0-A4
- UART
- I²C x 3 (In Parallel)
- SPI x 1
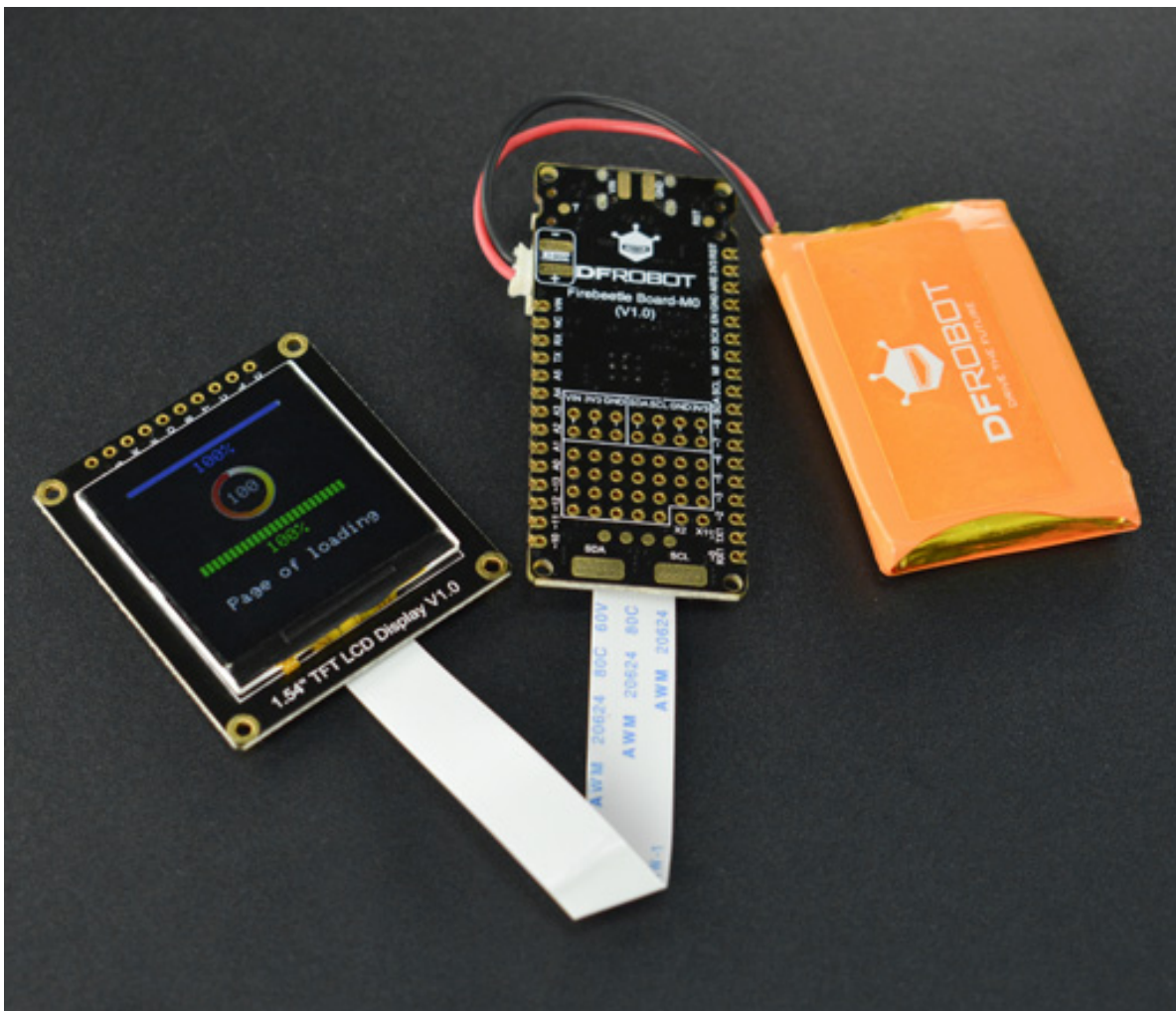- PH2.0 Power Port: 3.3V~5.5V
- GDI Screen

Kit Contents
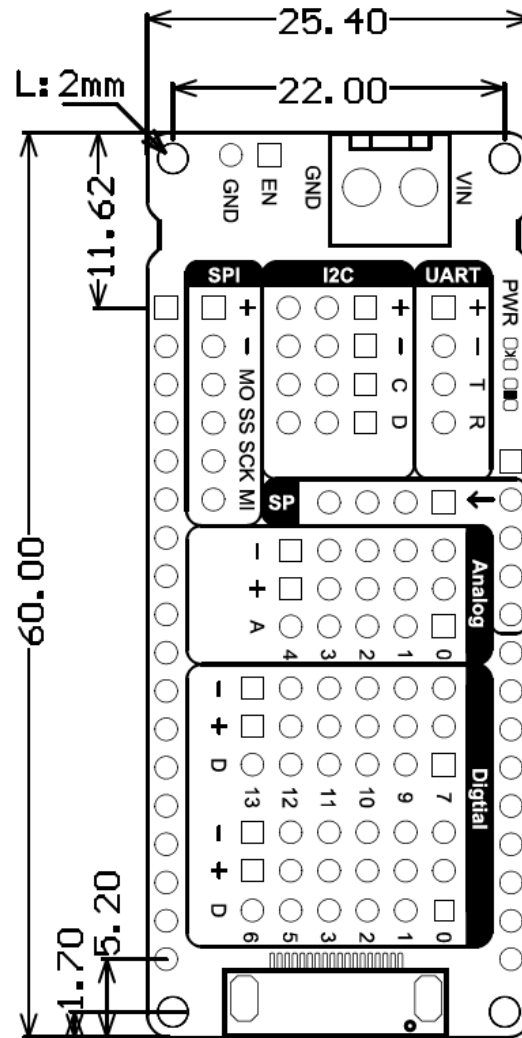
- 1x Gravity: IO Shield for FireBeetle M0 and ESP32-E

Applications

- Allows a convenient connection between DFRobot Gravity sensors and FireBeetle 2 series

GDI display interface

Dimensions

Mouser Part Number

To learn more, visit https://www.mouser.com/new/dfrobot/dfrobot-gravity-io-shield/