

# Gravity: Expansion Board for Raspberry Pi Pico

DFR0848

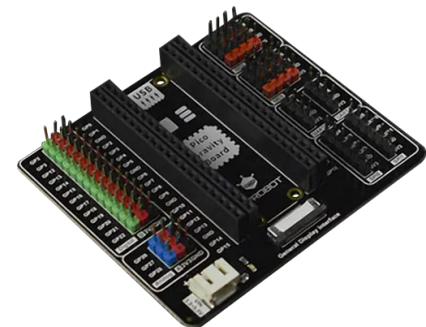
## Product Overview

01/03/2023

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

DFRobot Gravity: DFR0848 Expansion Board for Raspberry Pi Pico is compatible with various Gravity sensors and modules. This board features multiple communication ports, including 2x I<sup>2</sup>C, 2x UART, 2x SPI, 3x analog IOs, and 13x digital IOs. The DFR0848 expansion board also features a 3.3V to 5.5V PH2.0 power connector and GDI display screen interface and is available in 73mm x 63mm/28.74" x 24.8" dimensions. With all pins out, this board can be used without soldering.



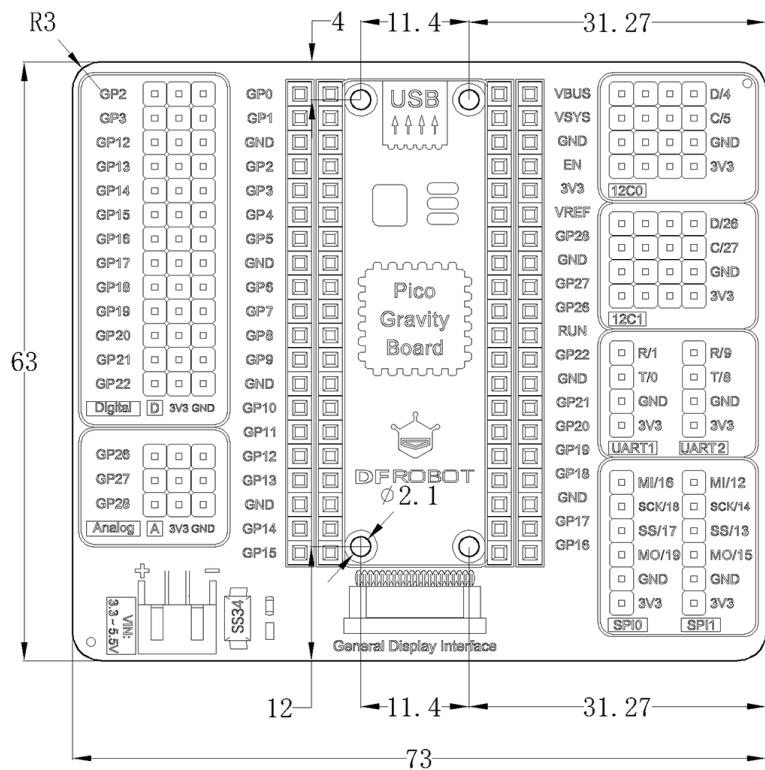
## Features

- No need to weld, plug-and-play
- It comes with 3.3V to 5.5V PH2.0 power interface, applicable to mobile projects
- Support all kinds of Gravity sensors and modules
- Onboard GDI port, compatible with DFRobot - GDI series display

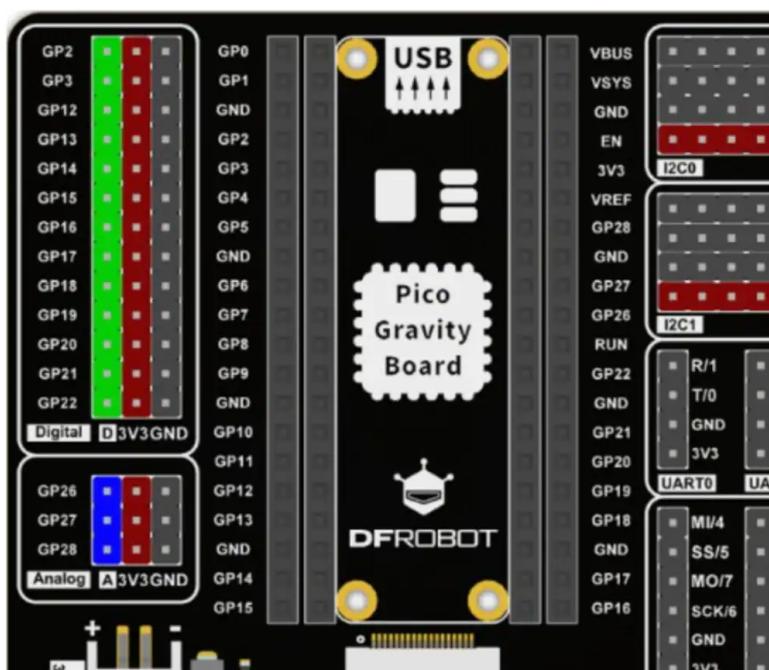
## Specifications

- All pins brought out onto female pin headers
- Digital 13x IO:
  - GP2
  - GP3
  - GP12-22
- Analog 3x IO:
  - GP26-GP28
- 2x I<sup>2</sup>C
- 2x UART
- 2x SPI
- 73mm x 63mm/28.74" x 24.8" dimensions

## Product Dimension



## Board Layout



## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-dfr0848-expansion-board/>