

Gravity: Expansion Board for Raspberry Pi Pico

DFR0848

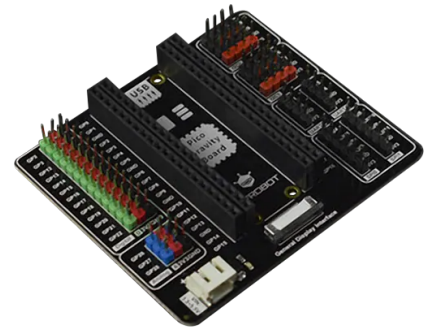
Product Overview

01/03/2023

For the most up-to-date information, visit 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 I²C, 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.



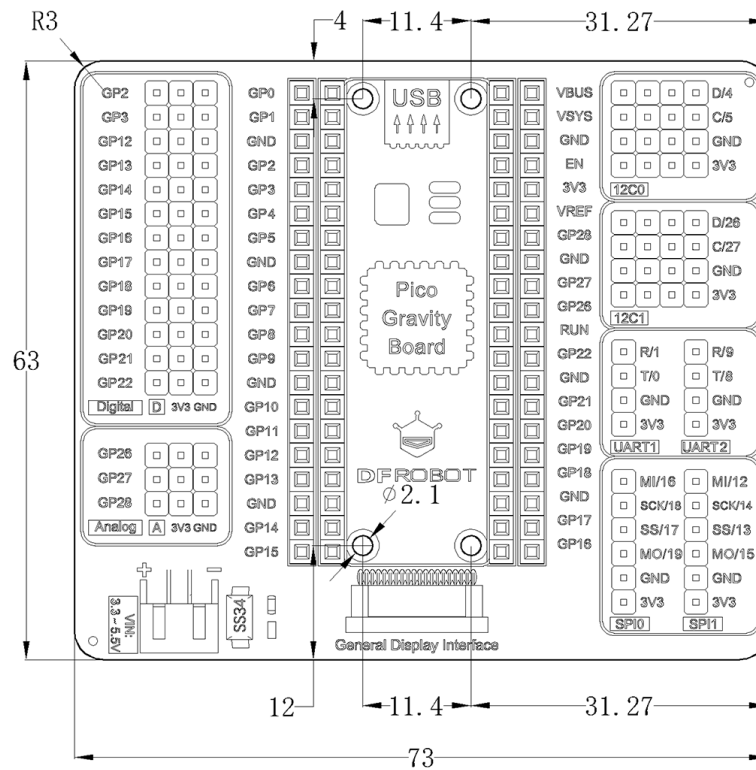
Features

- 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

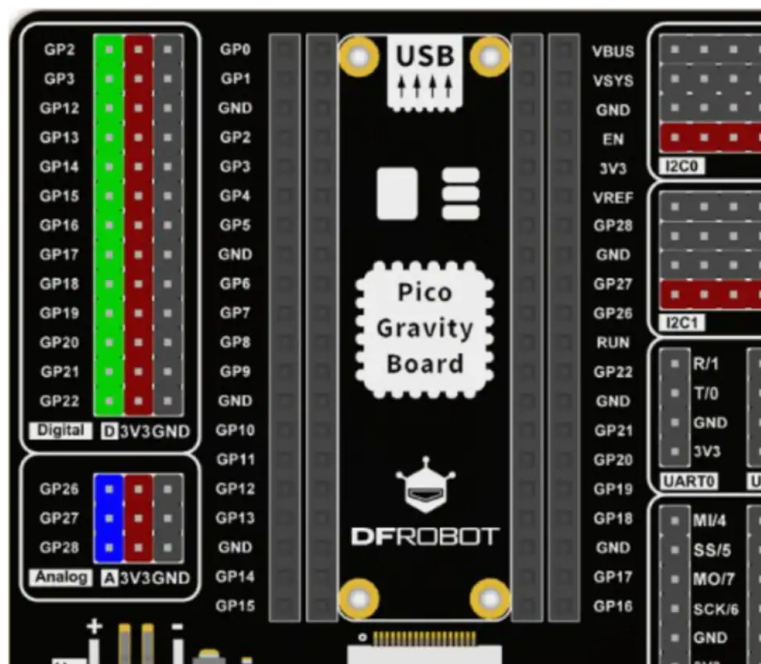
Specifications

- All pins brought out onto female pin headers
- Digital 13x IO:
 - GP2
 - GP3
 - GP12-22
- Analog 3x IO:
 - GP26-GP28
- 2x I²C
- 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/>