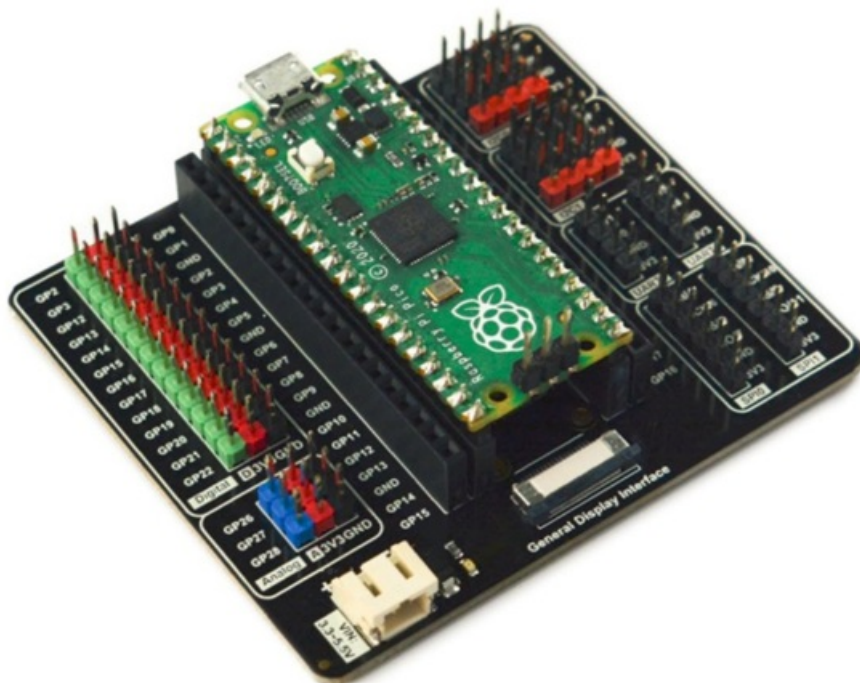


bou020 bouclier d'extension pour raspberry pico dfr0848 User Manual

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bou020 bouclier
d'extension pour raspberry pico dfr0848
User Manual
BOU020

BOUCLIER D'EXTENSION POUR RASPBERRY PICO DFR0848



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Introduction

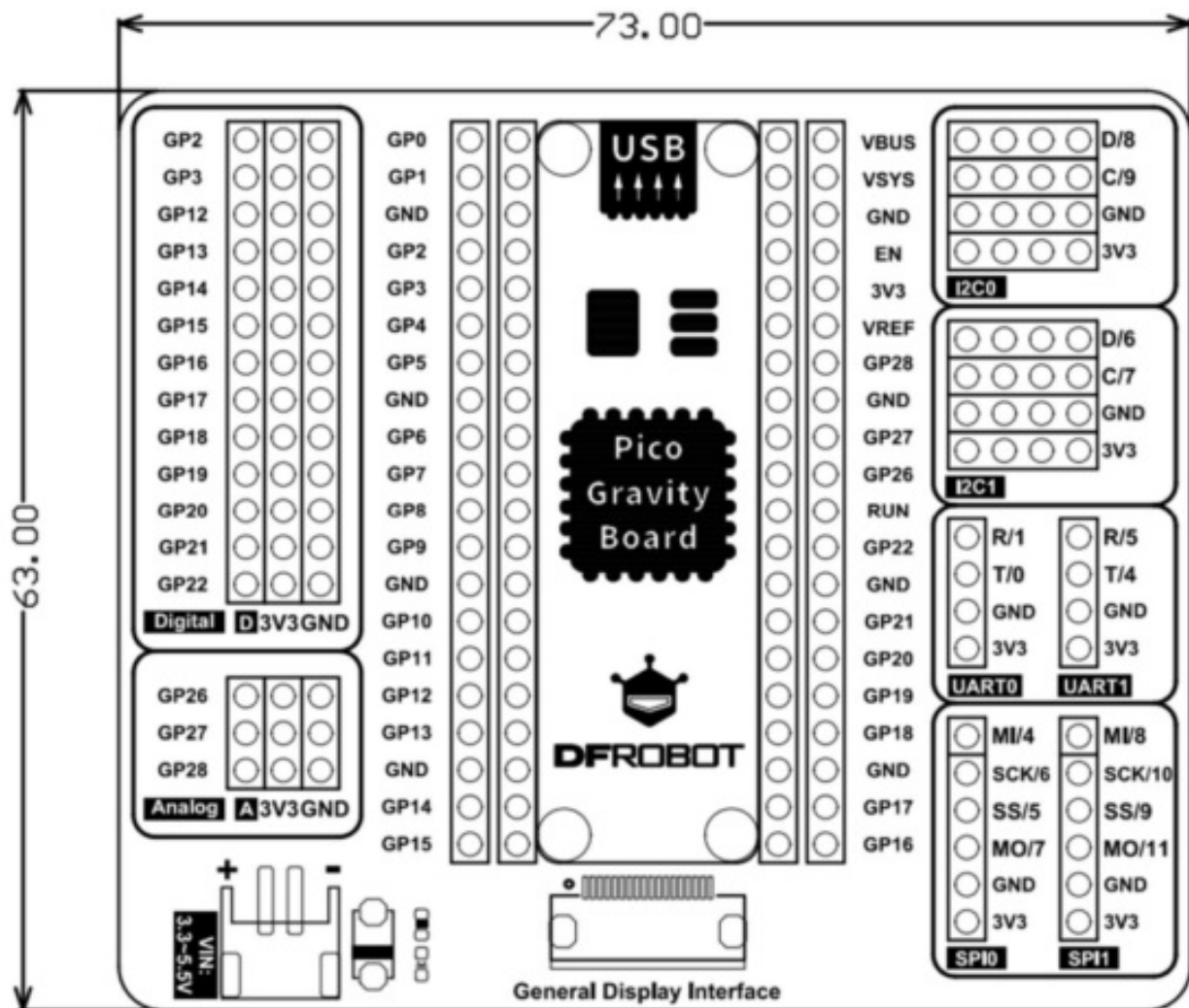
This Gravity Expansion Board, specifically designed for Raspberry Pi Pico, is compatible with a variety of Gravity sensors and modules. With all pins led out, you can directly use it without soldering. Additionally, the board offers various communication ports including, 2 x I2C, 2 x UART, 2 x SPI, 3 x analog IOs, and 13 x digital IOs as well as a 3.3~5.5V power connector and GDI port, which provides you with an easier way to prototype.

Features

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

Specification

- All pins brought out onto female pin headers
- Digital IO x 16: GP2, GP3, GP12-22
- Analog IO x 3: GP26-GP28
- UART x 2
- I2C x 2
- SPI x 2
- PH2.0 Power Connector: 3.3 V-5.5 V
- Display Screen Interface: GDI
- Dimension: 29.00 mm×58.00 mm/1.14×2.28 inch



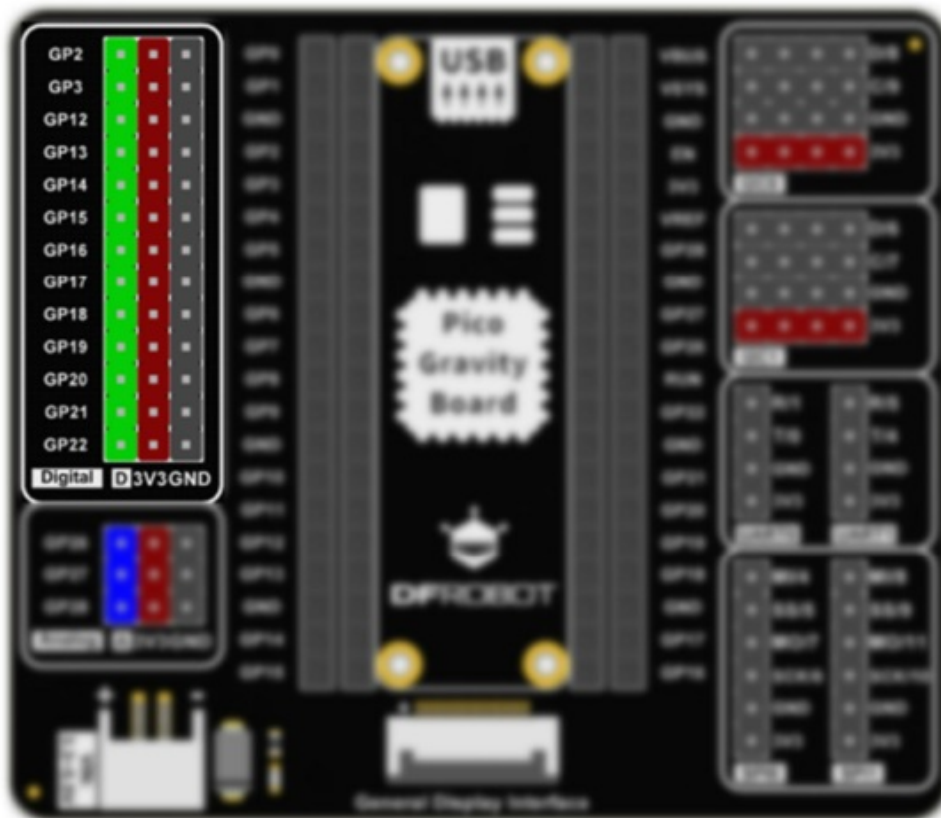
Official Tutorials

- [Get Started with MicroPython on Raspberry Pi Pico](#)
- [Download books related to Raspberry Pi](#)
- [Raspberry Pi Pico Schematics](#)
- [Pico Pinout](#)
- [Pico Getting Started Manual](#)
- [Pico C SDK Manual](#)
- [Pico Python SDK Manual](#)
- [Pico Data Manual](#)
- [RP2040 Data Manual](#)
- [RP2040 Hardware Design Reference Manual](#)

Function Description

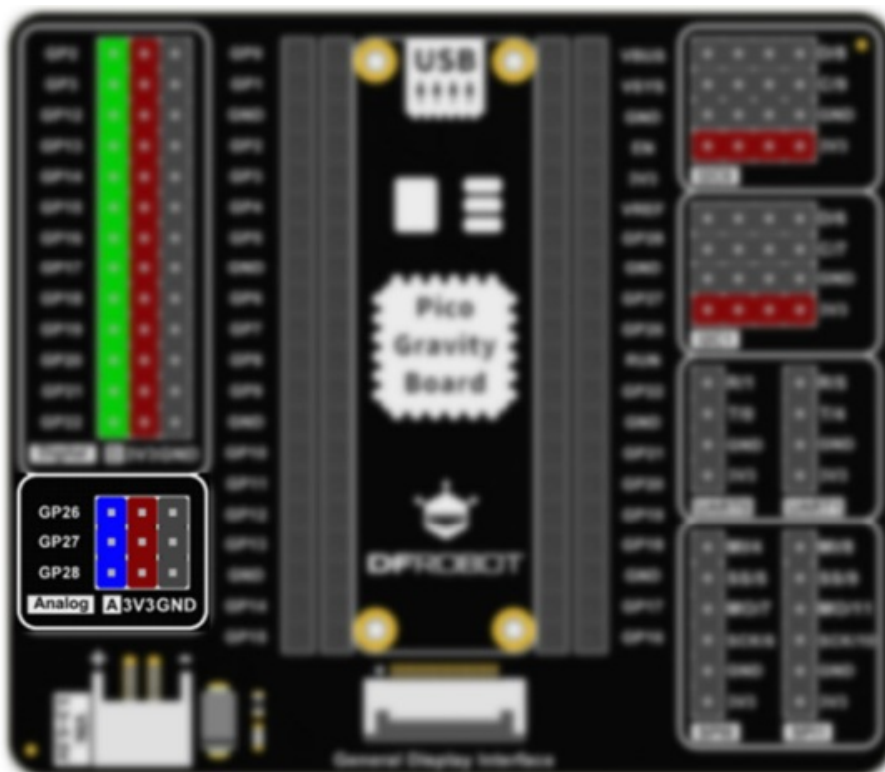
Digital Port

IO expansion shield provides 13 groups of digital ports including GP2, GP3, and GP12~22.



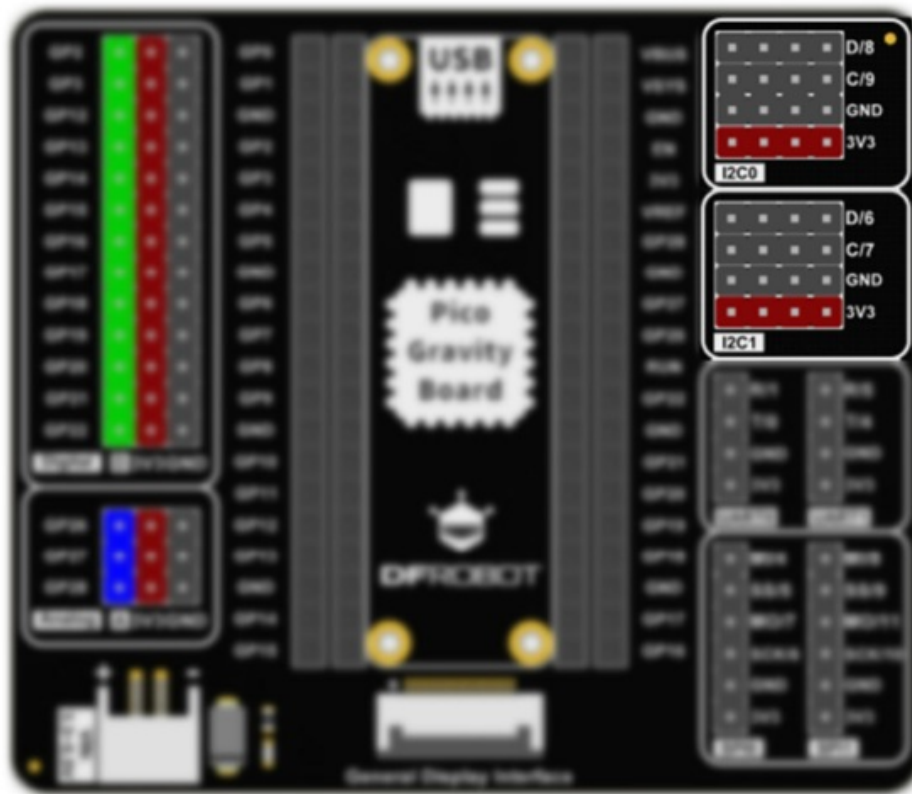
Analog Port

IO expansion shield provides 3 groups of analog ports including GP26~28



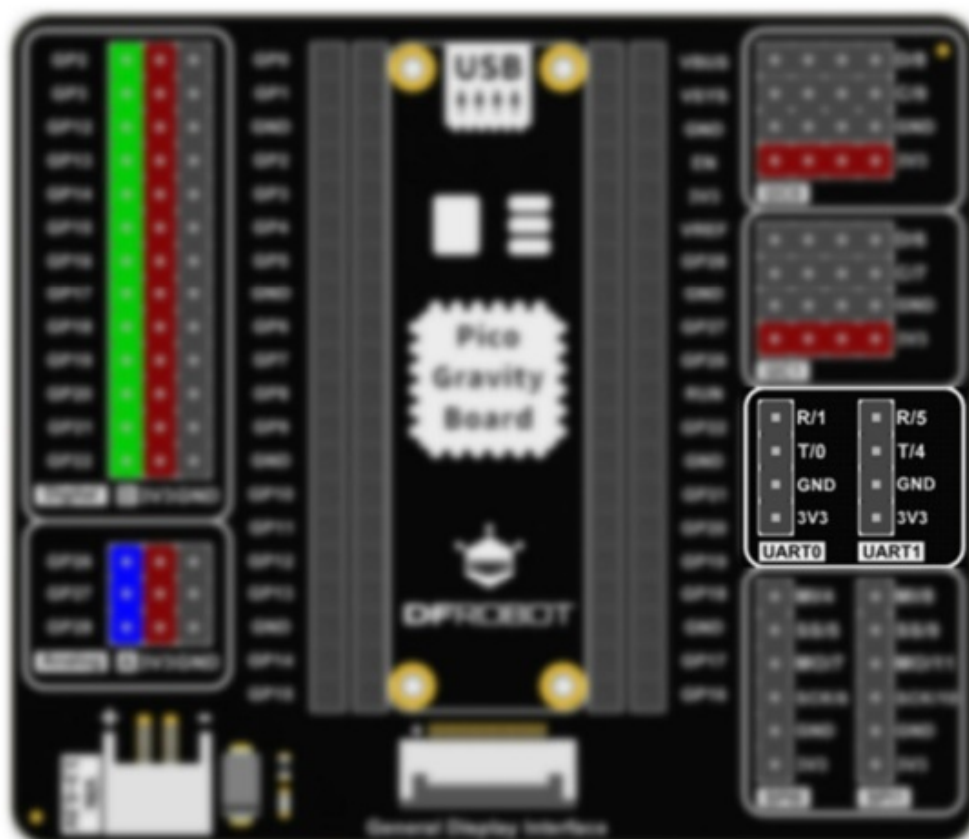
I2C Port

IO expansion shield provides 2 groups of independent I2C ports.



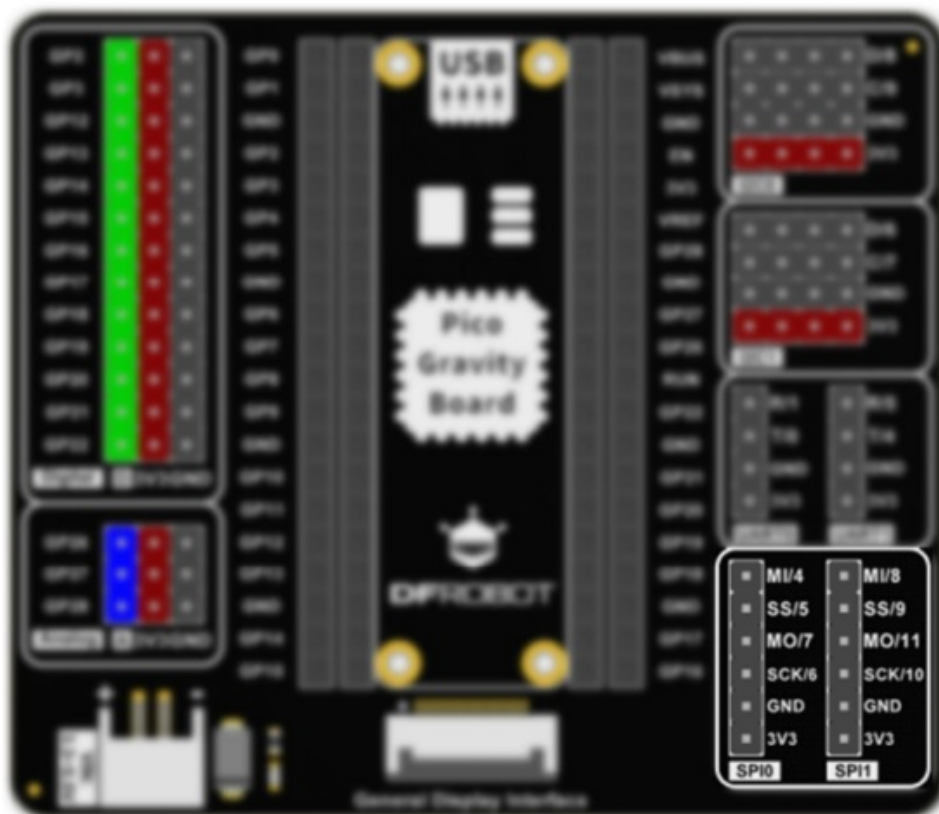
UART Port

IO expansion shield provides 2 groups of independent UART ports.



SPI Port

IO expansion shield provides 2 groups of SPI ports.



FAQ

Documents / Resources

 bou020 Bouclier d'extension pour Raspberry Pi Pico DFR0848 INTRODUCTION Ce manuel vous explique comment utiliser le bouclier d'extension pour Raspberry Pi Pico DFR0848. Il contient des informations sur les fonctionnalités, les spécifications, les connexions et les exemples de code. Table des matières 1. Introduction 2. Fonctionnalités 3. Spécifications 4. Connexions 5. Exemples de code 6. Conclusion Spécifications • Alimentation : 3.3V / 5V • Tension de fonctionnement : 3.3V • Courant de fonctionnement : 100mA • Température de fonctionnement : 0°C à 70°C • Humidité de fonctionnement : 10% à 90%	bou020 bouclier d'extension pour raspberry pico dfr0848 [pdf] User Manual d extension pour raspberry pico dfr0848, pico dfr0848
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