

Gravity: Serial Data Logger for Arduino

TEL0147

Product Overview

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For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot Gravity: Serial Data Logger for Arduino is designed to store data conveniently and supports direct data printing through the serial port without additional codes. This data logger features an onboard 128MB flash memory and a USB function to directly connect it to a PC to read the stored files without a card reader. The serial data logger comes with an onboard LED indicator to view the data writing status. This data logger consists of an onboard SAVE key, making storing data into separate files easier, and supports multiple baud rates for good compatibility. Typical applications include offline data collection, capture product log grab, and robots and drones debug.



Features

- With USB function no card reader is required
- Onboard 128MB flash memory (no TF card required)
- Support multiple baud rates for good compatibility
- LED indicator for viewing data writing status visually

Specifications

- 3.3V to 5V supply voltage range
- 32mA operating current
- USB2.0 USB protocol
- -30°C to 85°C operating temperature range
- 5% RH to 85% RH operating humidity range
- 32mm x 27mm (1.26inch x 1.06inch) dimensions

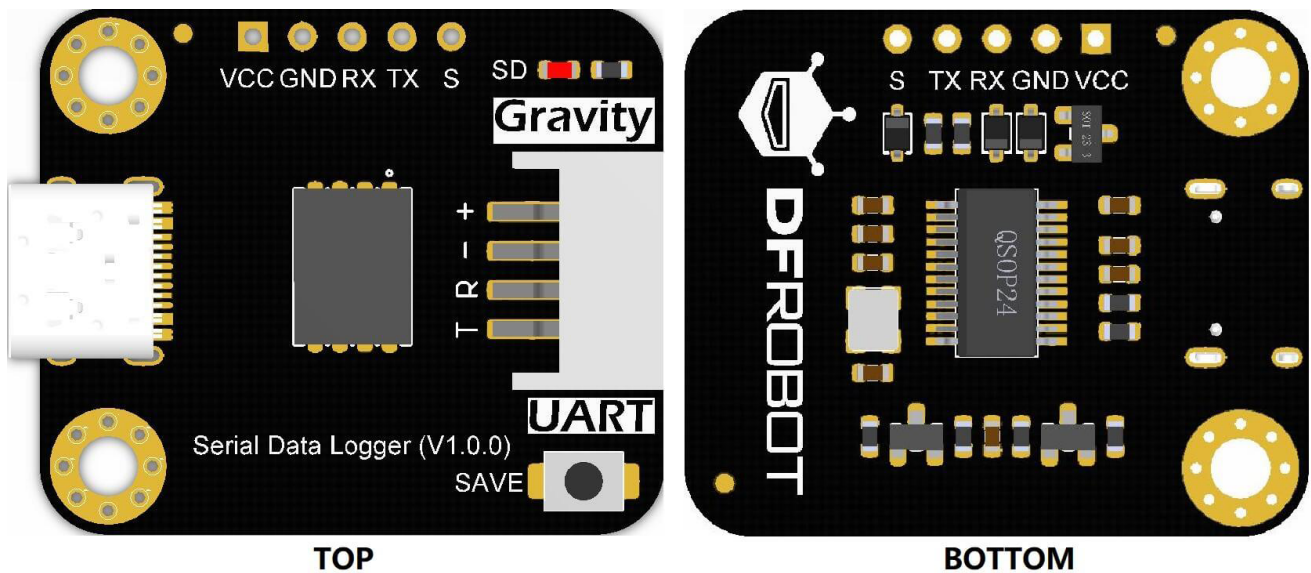
Applications

- Offline data collection
- Capture product log grab
- Robots and drones debug

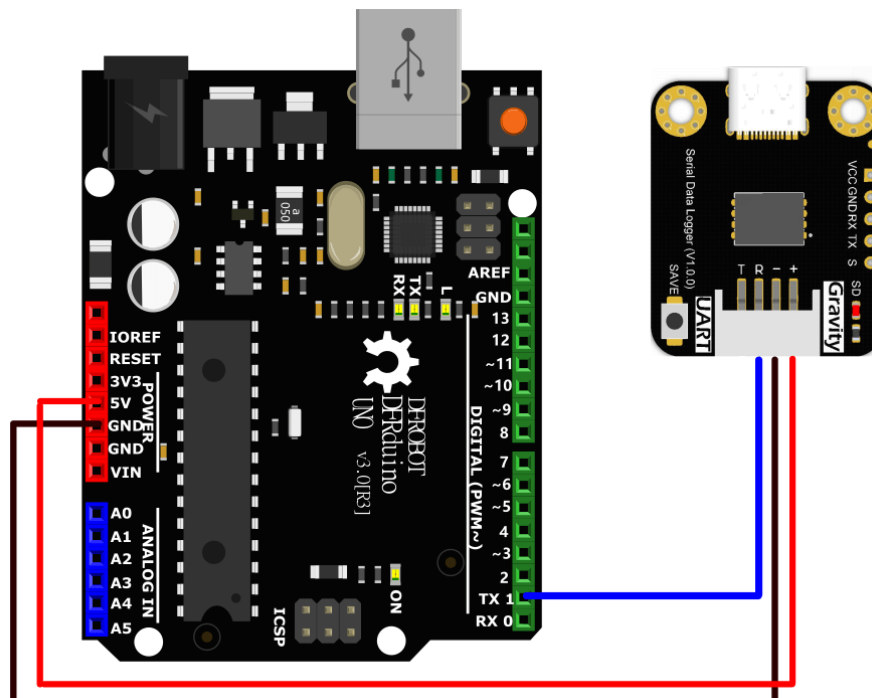
Kit Contents

- 1 x Gravity: serial data logger
- 2 x 2.54-5P black single-row connector
- 1 x Gravity-4P I2C/UART sensor cable

Board Overview



Connect Diagram



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-gravity-serial-data-logger-arduino/>