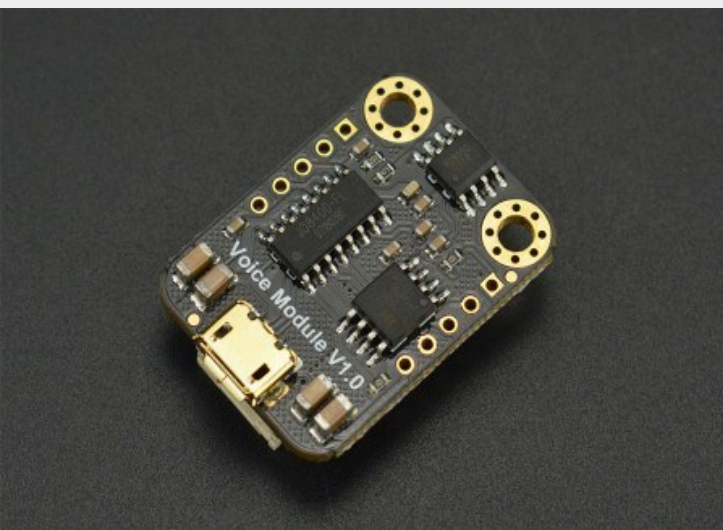


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Gravity: UART MP3 Voice Module

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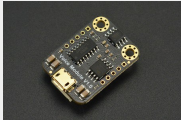
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INTRODUCTION

Do you always feel like the DIY work is boring, not attractive or no vitality when you design it by yourself?

This new Gravity MP3 voice module produced by DFRobot can solve these problems. This module can store 8MB audio files, which means it can store more than 200 audios for your choice, support MP3 and WAV formats. Its storage method is as simple as USB flash drive, and audios can be updated at any time. It uses the DF-Gravity interface, free from wiring; It has the ability to play the specified audio, play in loop, and adjust volume. It is suitable for all kinds of projects related to sound or voice, such as intelligent car, meteorological stations, smart home devices, vehicle navigation, toll stations, safety monitoring, machine audio navigation and so on.

SPECIFICATION

- Operating Voltage: 3.3V ~ 5V
- Interface: UART
- Support MP3 WAV Hardware Decoding
- Support Sampling Rate (KHz): 8/11.025/12/16/22.05/24/32/44.1/48
- Support to imitate SPIFLASH to U disk, and audios in SPIFLASH can be updated by the way to operate USB flash drive
- Support 30 levels of volume adjustment
- Dimension: 22x30mm/0.87x1.18in

DOCUMENTS

- [Product wiki](#)

SHIPPING LIST

- Gravity: UART MP3 Voice Module x1
- Gravity UART/IIC sensor cable x1

REVIEW

Downloaded from [Arrow.com](#)

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Brice

2 months ago

Does this work the same way as the DFplayer mini? And will there be more stock of this product again in a close future?

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DFRobot Support

Mod

Brice

2 months ago

Sorry they are not the same. It will be available next week.

Reply

Share

Tom Kvichak

2 months ago

This is a great device but the provided example sketch plays the wrong audio clip. I removed the 16 clips on the device and uploaded 10 of my own clips., If I choose clip 1 to play, it plays clip 10, if I choose clip 2 it plays clip 1. Un-commenting the line "Serial1.write(order,4)" results in the correct clip being played.The provided documentation is very hard to follow unless one is an experienced programmer.
Is there going to be a library created for this device like the DFPlayer Mini? I use that device but for the short clips I use, an SD card is overkill. This Voice Module is ideal for my applications but I'd like to do more than just set the volume and play a single clip.

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DFRobot Support

Mod

Tom Kvichak

2 months ago

We still don't have this kind library, but we will consider about the library like DFPlayer Mini.

Reply

Share

Tom Kvichak

DFRobot Support

2 months ago

Thank you. look forward to it!

Reply

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