DFPlayer - Mini MP3 Player



SKU: DFR0299

The article delves into the affordable MP3 module that offers a simplified output directly to a speaker. It can function as a standalone module with an attached battery, speaker, and push buttons, or be used with microcontrollers like Arduino, ESP32, and Raspberry Pi. The DFPlayer Mini is ideal for projects requiring embedded audio, thanks to its compatibility with devices that use UART communication. This makes it a versatile choice for hobbyists and developers looking to integrate audio into their electronic projects.

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Modules

Audio

DFPlayer - Mini MP3 Player(SKU: DFR0299)

Fermion: DFPlayer Pro MP3 Player Module (SKU: DFR0768)

Gravity: Digital Buzzer Module(SKU: DFR0032)

Gravity: MSGEQ7 Spectrum Analyzer Module V2(SKU: DFR0126)

Gravity: 8002 Digital Speaker Module(SKU: FIT0449)

MP3 Voice Prompt Module(SKU: DFR1173)

MAX98357A I2S Digital Amplifier Module (SKU: DFR0954)

Gravity: UART MP3 Voice Module(SKU: DFR0534)

Fermion: MEMS Microphone Module(SKU: SEN0487)

DOWNLOADABLE RESOURCES

SVG GitHub

Docs Tech Specs Projects

1. Example Code for Arduino-GetStarted

This example shows the basic function of library for DFPlayer. Switching to next song every 3 seconds.

2. Example Code for Arduino-FullFunction

This example shows all the functions of library for DFPlayer. Includes volume control, EQ settings, play modes, and more.

FAQ

What should I check if there is no sound or playback issues?

Why is serial communication unstable or noisy, and how can Arduino control issues be resolved?

What TF card size is supported, and can I hot-plug the card?

Can DFPlayer Mini drive speakers directly and be controlled by buttons?

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