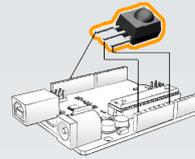


MP3/WAV Recording/Playback



- Type: Module
- Application: Add On Module
Record and playback sound with your Duinotech project.
- Dimensions: 44(L) x 44(W) x 10(H)mm

MP3/WAV Recording/Playback Module Overview:

A full featured MP3 module that supports both playback and recording. An onboard microphone is used for audio in, and a 3.5mm jack provides the output. There is also a line-in header to use an external audio source instead of the microphone. Most projects using this device will require some form of mass-storage, such as an SD card module.

Specifications

	MP3/WAV Recording/Playback Module
Supported Codecs	MP3, MP3+V, WMA, WAV, MIDI, SP-MIDI
Protocol	SPI
Operating Voltage	5VDC
Dimensions	44(L) x 44(W) x 10(H)

Pinout

Module	Duinotech	Function
SV	SV	SV Supply
GND	GND	Ground connection
MISO	D12	Master in Slave out
MOSI	D11	Master out Slave in
SCK	D13	Serial Clock
XRT	D8	Reset
DREQ	D7	Data Request
XCS	D9	Chip select
XDCS	D6	Data chip select

What is included: 1 x Audio Module

Essential Accessories: Speaker/Headphones (AA2090)
Mass Storage device

Optional Accessories: External Microphone

MP3/WAV Recording/Playback Module Sample Projects:



Did you know:

The SPI (D11, D12 and D13) can be shared between devices. The microcontroller uses chip select to tell which module it wants to communicate with.



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