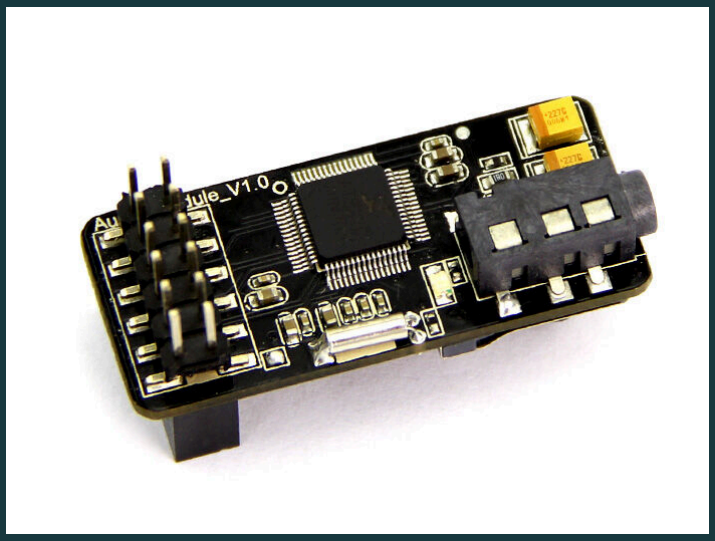
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INDUSTRIAL PRODUCT DATASHEET

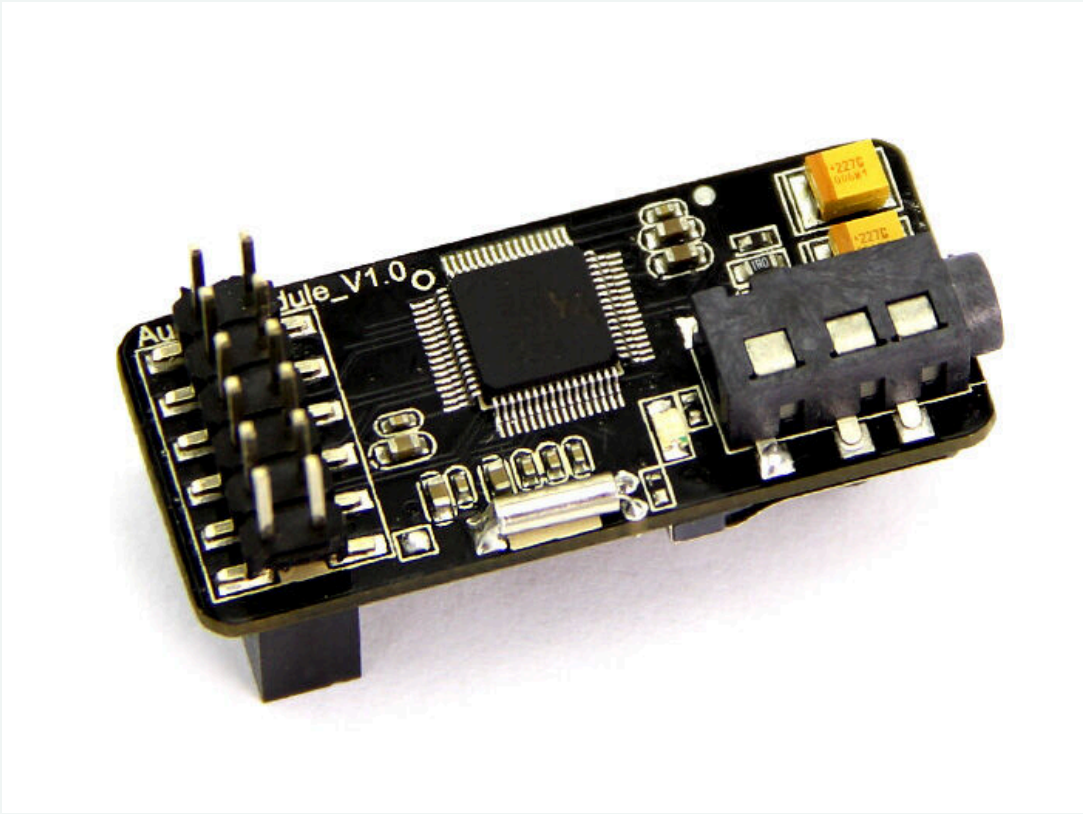
Garan - Audio Module

The Garan - Audio Module is an ATS2301-based audio player with UART control, microSD/USB support, and advanced features including 16-level volume, 8 EQ modes, and Li-ion battery power.

SKU	UPDATED	PRICE
107990004	2024-08-09 02:09:42	$9.90(Excl. VAT)



Overview



The Garan - Audio Module is a simple yet versatile music player based on the ATS2301 audio chip, supporting MP3, WMA, and WAV file formats with 8kHz to 48kHz sampling rates. It features UART asynchronous serial control for playback and volume adjustment, microSD card and USB disk compatibility with FAT16/32 file systems, 16 levels of volume control, 8 EQ modes, and includes a Li-ion battery power supply and calendar function.

Key Features

Garan- audio module is a kind of simple music player device whose design is based on a high-quality audio chip---ATS2301. It can support 8KHZ~48KHZ sampling frequency MP3, WMA and WAV file formats. You can easily control the audio module by sending uart commands, such as switch songs, change the volume, play mode and so on. It seems a simple module, but it includes FAT filesystem, SD driver, audio decode and so on. Want to know how strong the module is? Please come to experience it!

Features

- Asynchronous serial port control
- Support MP3, WMA and WAV fortmat music.
- Compatibility with FAT16 and FAT32 filesystem.
- Support microSD card and USB disk.
- 16 levels volume control.
- 8 kinds of EQ.
- Support selecting music by filename or file number.
- Support expanding PA.
- Support Li-ion battery Power supply.
- Support calendar function.

Documents

- **Audio module datasheet**

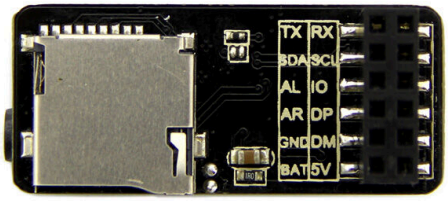
Software

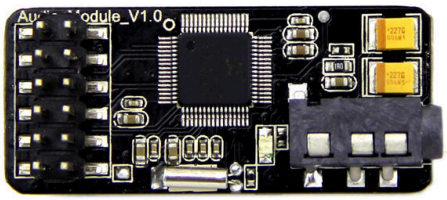
- **Arduino Library for Audio Module**

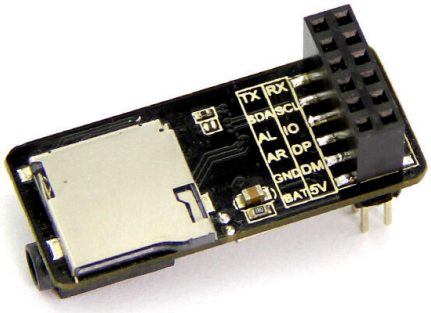
Please click **Garan Tech** for more info about this product and technical support.

Product Gallery









Part List

Garan - Audio Module	1

Resource Links

- https://www.seeedstudio.com/Garan-Audio-Module-p-1607.html

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