VS1003B MODULE

This is **VS1003B** MP3 Module Decoding Containing Microphones STM32 Module with complete MP3/WMA/MIDI audio decoder and ADPCM encoder which features a high-quality stereo DAC (Digital to Analog Converter), a 16-bit adjustable ADC (Analog to Digital Converter) and a high-quality stereo earphone driver (30 Ohm).
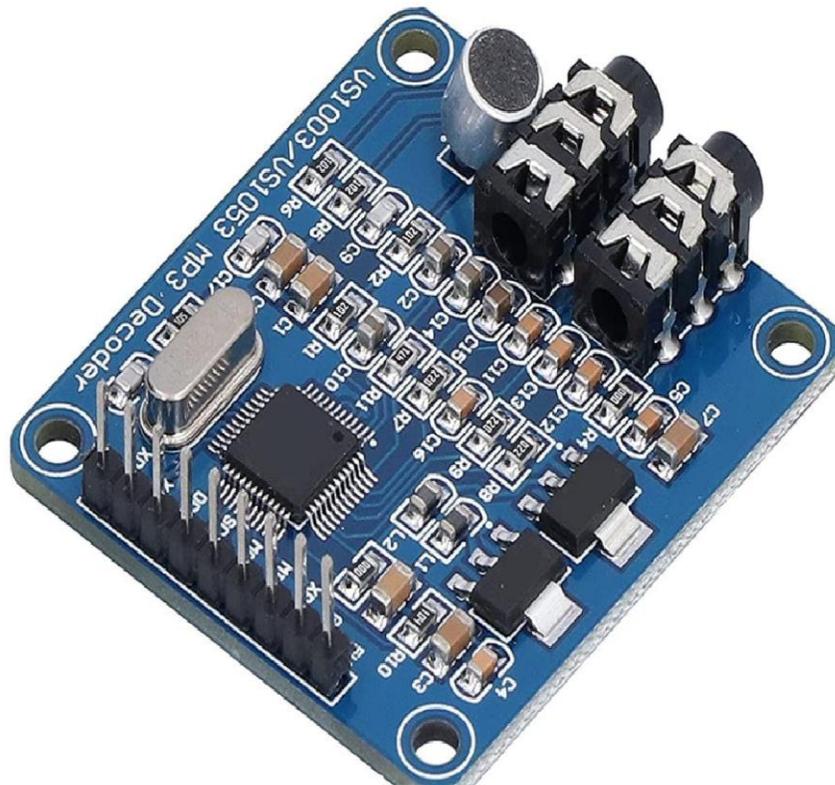
This VS1003/VS1003B MP3 Module Kit is ideal for adding audio decoding and encoding capabilities to embedded systems. VS1003B audio decoding format: MP3, MP3+V, WMA, WAV, MIDI, SP-MIDI; Recording encoding format: IMA ADPCM (mono), microphone and Line input two input methods.

Onboard 3.3V and 2.5V LDO 1117 provide up to 800mA. Single power supply: +5VDC, capacitive filtering.

Specifications:

- **Material: Crystal**
- **Grit Type: Coarse**
- **Colour: Blue**

Supports MP3 and WAV streams, has internal phase-locked loop clock multiplier as well as low power consumption

Features:

- **1 headphone and audio output interface**
- **Serial data and control interface (SPI)**
- **Onboard 3.3 V and 2.5 V LDO chip AMS-1117**
- **1microphone for recording, support audio encoding format**
- **1 line input interface; supports MP3 and WAV stream**
- **Power indicator light**
- **Separate analog, digital, and IO power supply**

Package Included:

1 x VS1003/VS1003B MP3 Module VS1003 MP3 Decoding Module VS1003B Audio Module With STM32 And Microphones Add Audio to Your Projects With VS1003 MP3 Module