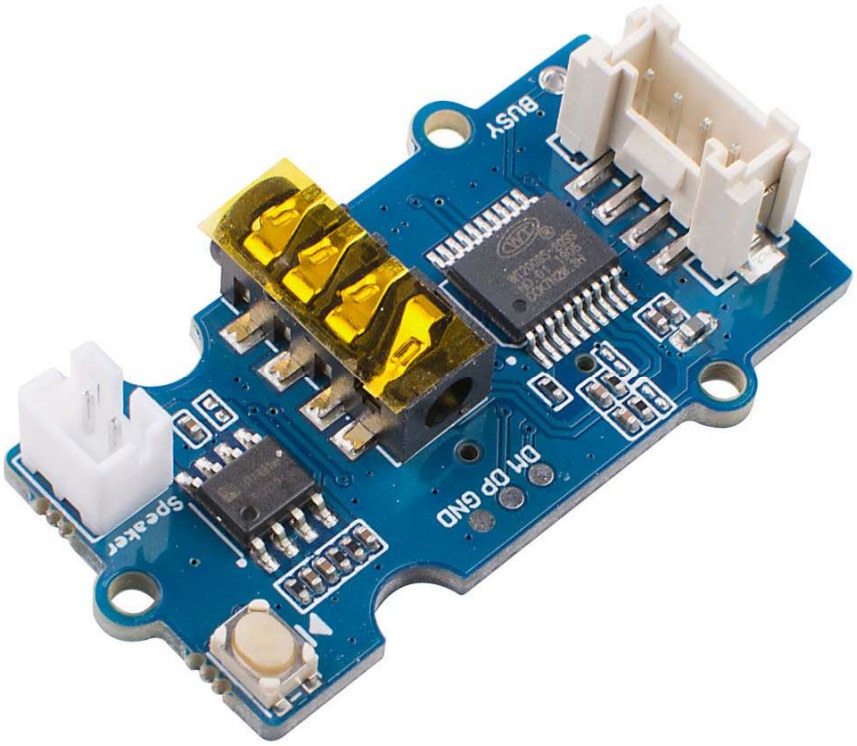


Grove - MP3 V3 -Music Player

SKU 107020069

The Grove - MP3 is a 20x40mm super mini Music module based on WT2003S-20SS audio decoder.

The Walkman and iPod fade away, but the music will live long.

Nowadays people play music on their phones, computers or iPad, it's normal but not cool. As a Geek, as a Maker, it's a piece of cake to make your own Music Player. Even if you are a beginner, with the help of **Grove - MP3 V3** you can make your own unique music player easily.

The Grove - MP3 is a 20x40mm super mini Music module based on WT2003S-20SS audio decoder. It supports high-quality MP3 format audio files with a sampling rate of 8~48KHz and a bit rate of 8~320Kbps. In order to expand the storage capacity, we added a TF card slot on the back of the module. TF card adopts DIO interface mode, supports up to 32GB, supports FAT16, FAT32 file system. Now with this little music module, you can carry hundreds and thousands of music in your pocket.

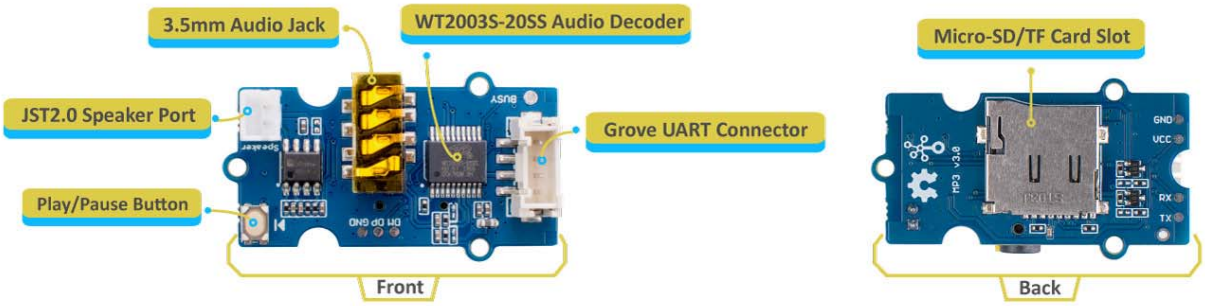
As the name indicates, the Grove - MP3 V3 is the upgraded version of Grove - MP3 V2. Compared with Grove MP3 V2, the V3 added a JST2.0 speaker port, so that you can output the audio via speaker and 3.5mm earphone at the same time. Meanwhile, we did the level shift work, to make this module be compatible with both 3.3V and 5V systems, while the V2 only supports 5V. One more thing, we added a Play/Pause button on this module to give you a more comfortable control experience. The same price, a more perfect experience!

We provide a full-function Arduino MP3 Library, you can program this MP3 module with any Arduino board you like, easy peasy!

Features

- Supports MP3 format audio files
- Sampling rate: 8~48KHz / bit rate: 8~320Kbps
- Support up to 32GB TF card
- Support speaker and earphone output audio at the same time
- Compatible with 3.3V and 5V platform.
- Support 32-level volume adjustment

Hardware Overview



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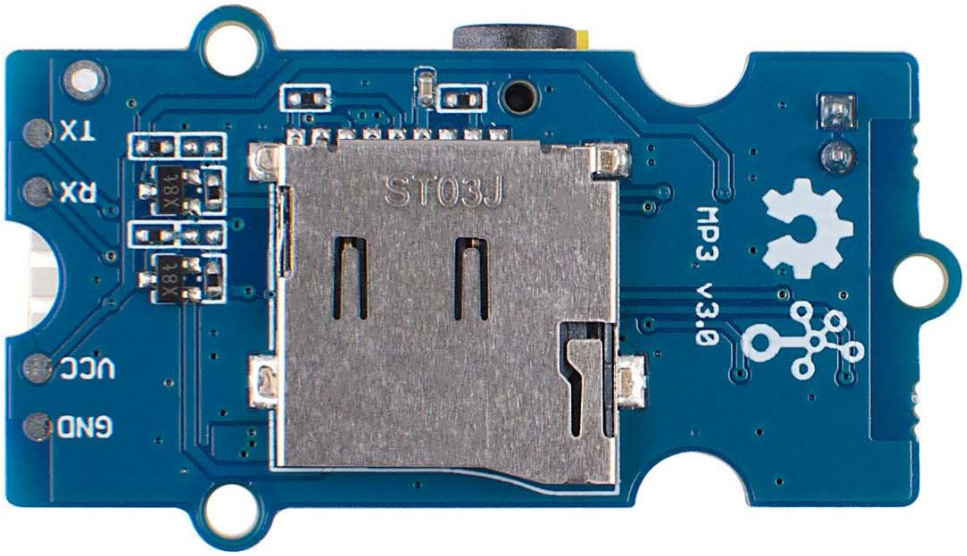
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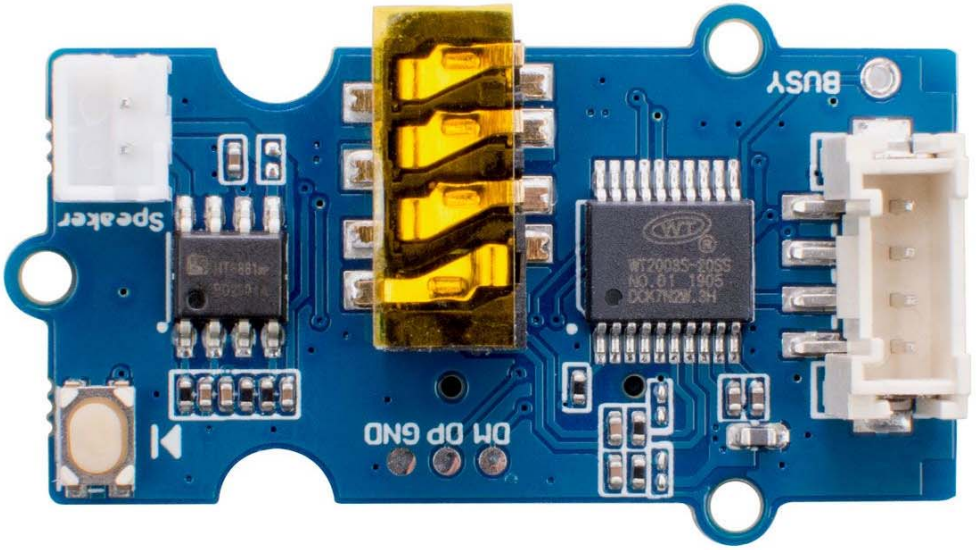
ST03J
MP3 v3.0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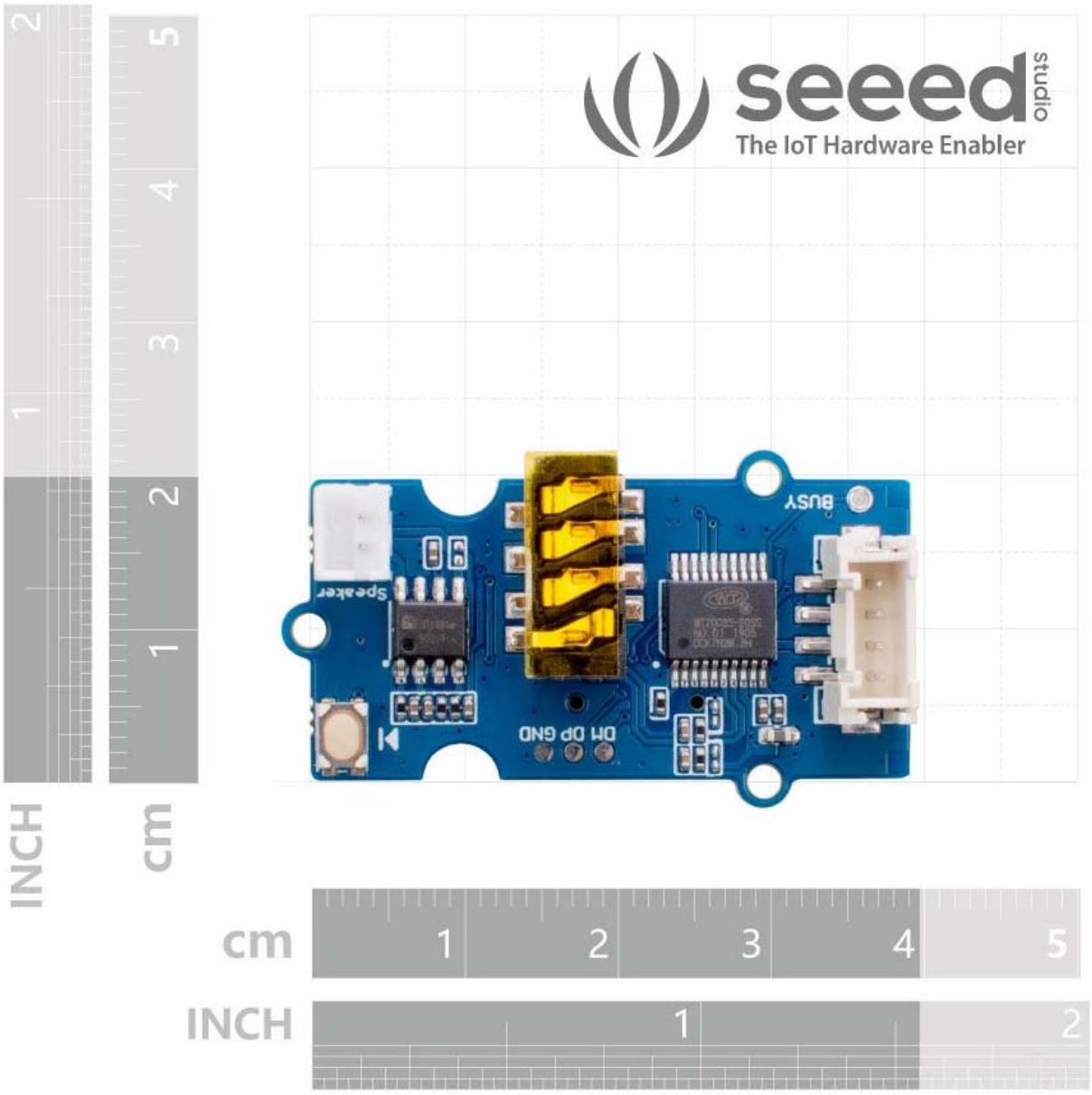
Speaker
DM DP GND



https://www.seeedstudio.com/Grove-MP3-V3-p-4297.html/11-19-19

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