Product Description

Description:
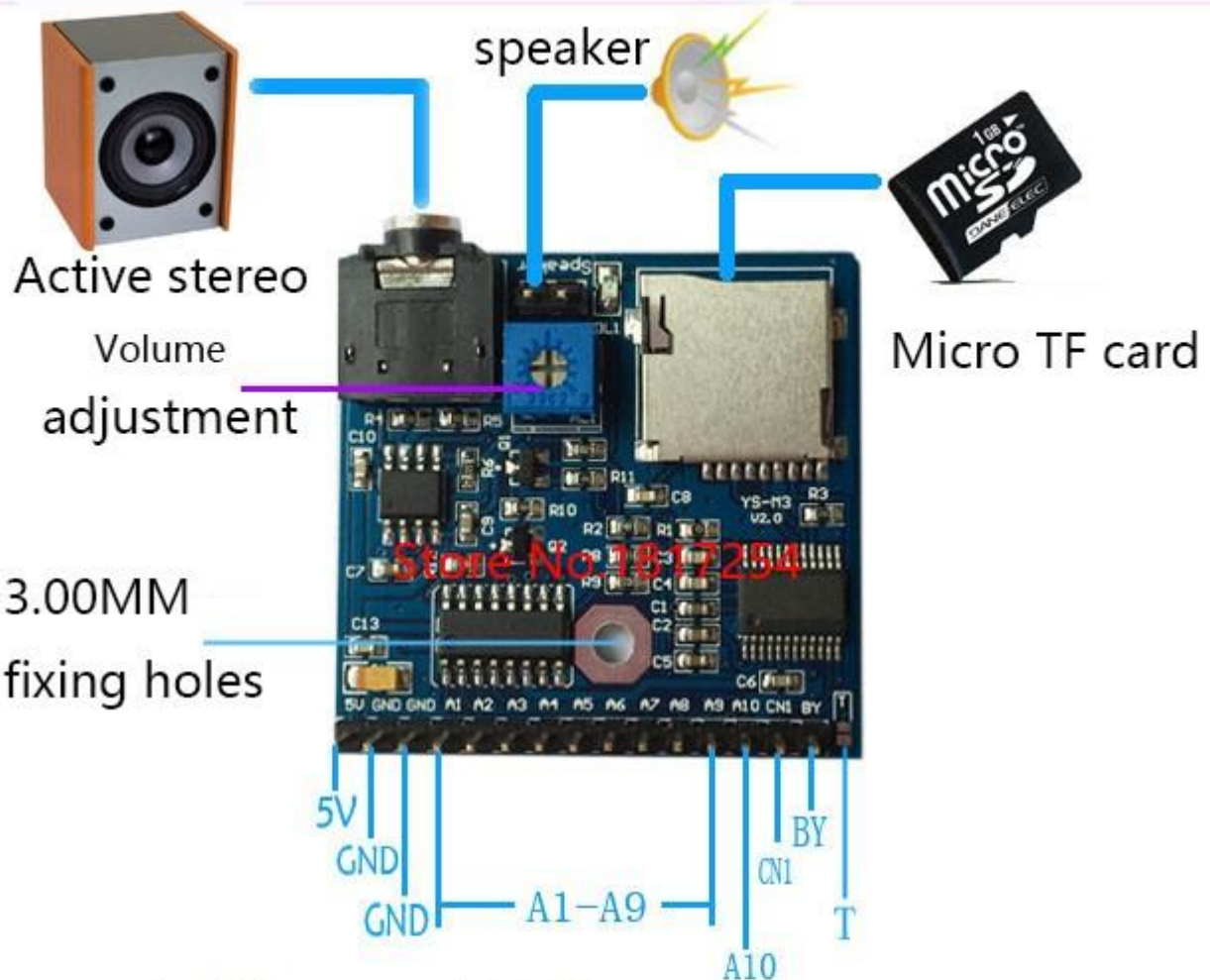 Size: 4 * 4.1cm
  Power supply: DC 5V 1A
  Trigger Port: 9
  Trigger Song: direct trigger 9, SCM trigger 31
  Speaker parameters: W 0-2 4-8 Ohm (adjustable volume)
  Maximum memory support: 16G
  Support playback format: MP3, WAV

speaker

Active stereo

Volume

adjustment

Micro TF card

3.00MM

fixing holes

5V
GND
GND   A1-A9
A10
BY
CN1
T

Trigger mode: GND port touch A1-A0 port

Play the first song touch A1, A2 play the second song

BY: When playing high level output, low level default does not play

CN1: playing the second song, playback can not be interrupted

5V: 5V Positive power supply

GND power supply negative

A10: Stop play button (or encoding mode selection active low)

T point: no default single cycle mode, looping background music

with in-stream playback mode short

Parameter:

1, supports sampling rates: 8,11.025,12,16,22.05,24,32,44.1,48KHz

2, support FAT16 / FAT32 file system, maximum support 16GTF card

3, DC5V power supply, with two sets of interfaces

4, adjustable volume, a simple trip knob to adjust the way

5, low level trigger on trigger

6 support 0-2W, 4-8 ohm speaker load

7, with a standard 3.5 audio interface, support for audio, amplifier connection

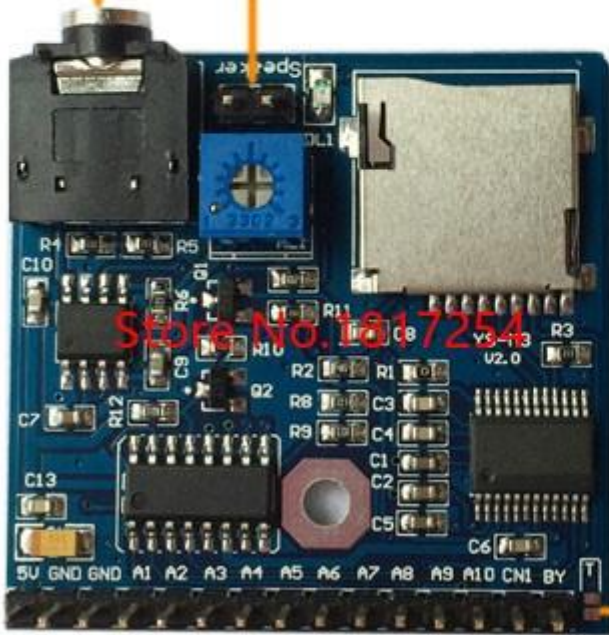---

Application:

1, single-chip voice playback

2, factories, warehouses, corridor safety warning

3, intelligent car, electronic design applications

4, electrical and mechanical equipment, electronic

application products alarm warnings

5, advertising, automatic broadcast regular broadcasts news

6, equipment operation and voice guidance, voice warning

In April 2016 the latest version of Special Features

Speaker connector and Stereo interface Only one output port
For example, when playing on the speaker, inssert the
Stereo jack, the speaker stop playing, Stereo normal play
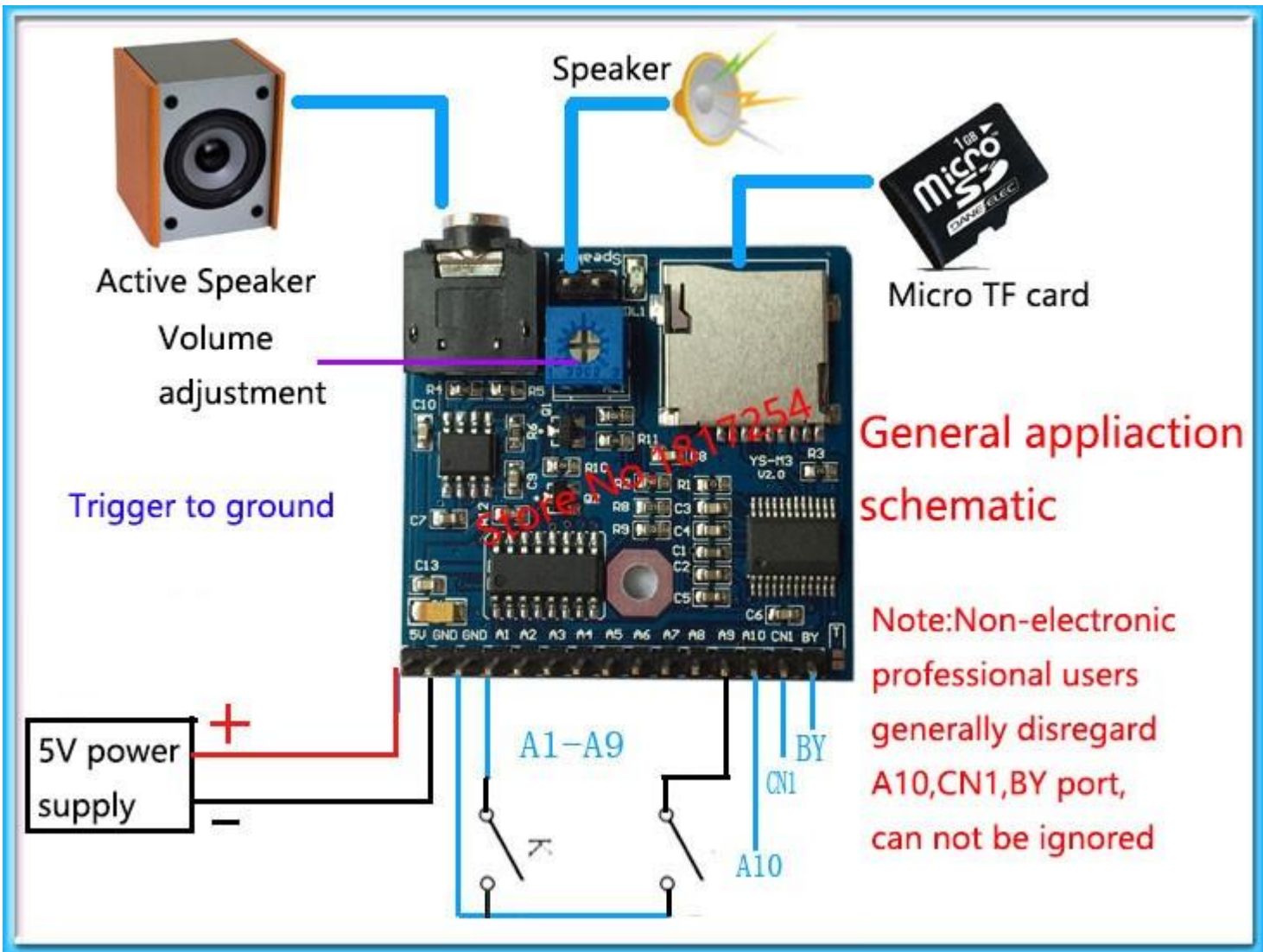
T joints function
1, the default is not welding: single player
mode without cycle mode (ie, triggers a play
once, then stops)
2, T welded joints, power play background
music 010.MP3 file, if not then trigger other
ports have been loop, such as trigger other
ports A1-A9 in a port, the background music
stops playing sound is triggered stomach
waiting for the music to play after re-playing
background music (similar advertising, s
hopping malls broadcast works)
T joints (default not welding)

Speaker

Active Speaker

Volume
adjustment

Trigger to ground

Micro TF card

General appliaction
schematic

Note:Non-electronic
professional users
generally disregard
A10,CN1,BY port,
can not be ignored

5V power
supply

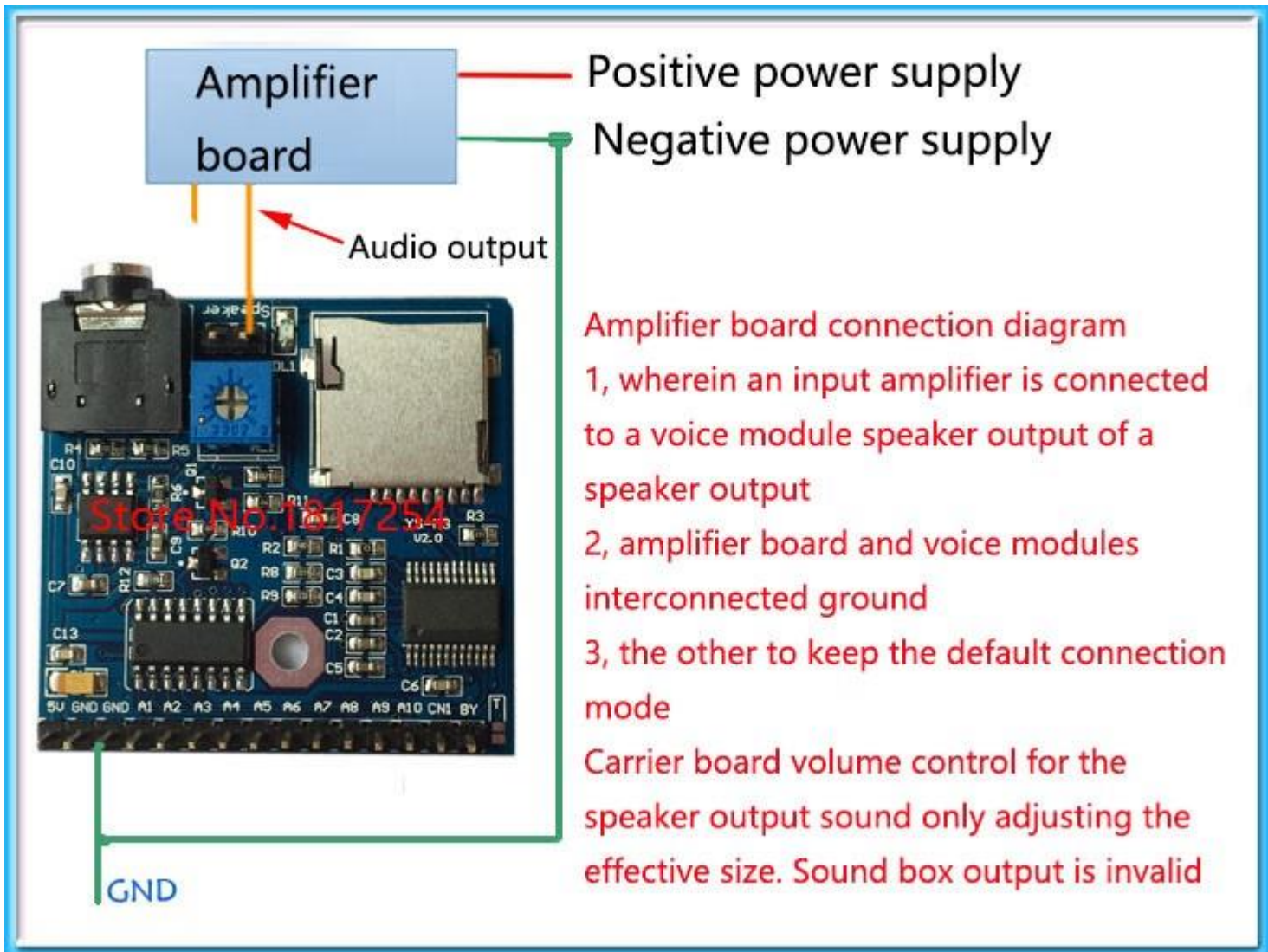+

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A1–A9

BY

CN1

A10

Amplifier board

Positive power supply

Negative power supply

Audio output

Amplifier board connection diagram
1, wherein an input amplifier is connected to a voice module speaker output of a speaker output
2, amplifier board and voice modules interconnected ground
3, the other to keep the default connection mode
Carrier board volume control for the speaker output sound only adjusting the effective size. Sound box output is invalid

GND

Note that memory die (TF) are stored in MP3 format
1, a folder named: the memory card create a folder named "01"
2, MP3 001-999 names begin with naming
For example, the first song can be named: 001.MP3 or 001Michael Jackson-we are the world.MP3 or 001we are the world.MP3
The second song is named 002.MP3 002 ads or sound .MP3

1, you can play many songs? How to determine the order?

A: direct port triggering can trigger 9, the microcontroller 31 can control coding; determined according to the order of 01 to trigger the MP3 folder inside named number, as in the first song is 001.MP3

2, can not take big horn? Can you pick the sound?

A: Direct access speaker maximum power 3w 4-8R; or audio amplifier can be connected in order to take greater sound amplification speaker.

3, how the trigger port to play?

A: The nine ports Triggering, trigger port A1 - A9 to GND (ground) port on the player touches the corresponding song.

4, how to pause and song, the next one?

A: There is no such function.

5, CN1 BY feet and what?

A: CN1 is low trigger playing the second song, can not be other triggers an interrupt is triggered until finished playing. BY work status output, the output high when playing, by default remain low when not playing. . Specific use of personal use, there is a need to use, you do not need or do not know how to use it can be empty!

6, can not play the sound of terror, and some of the individual recording conversations?

A: no problem, this is a MP3 player module, as long as the files stored in MP3 or WAV files can play the corresponding content is not limited to the specific differences between the sound!

7. Why play 1-2s after the automatic stop playing?

A: This is a momentary power failure current supply shortage led to an externally supplied reset stop, so customers in the course, directly connected to the output of the power supply, can not access or other microcontroller development board with anti-reverse the diode's power supply this will cause the current to keep up with changes, it is proposed that direct access to the source of 5v power supply output mouth.

Special Application Skills:
1, we need to use this module on the power play a song, just before the power corresponding to the trigger port to ground (GND) can be!