

3W*2 Mini Microfone

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Ultra-miniature digital amplifier board, the new high-performance digital amplifier, input 5V to get [3 x 2] 6W power, ultra-thin board, Notebook external speakers, etc., as you imagine, the proposed power to take 5V or a single USB lithium-powered.

Advantages: Efficient digital power amplifier chip, the internal special output processing circuit, the elimination of the traditional LC network, lower than the EMI value of the LC! Maximum power output at low voltage, super power saving, built-in standby electronic switch, built-in high-gain buffer amplifier, built-in short circuit protection. "Power": 3.6 to 5.5V, a single lithium or USB power supply suitable, can also be used four 1.2V battery-powered, with the power supply must be added to the regulator 5V regulator circuit, more than 5.5V chip will burn out.

"parameter":

Power supply: DC (DC): 3.6v-5.5V

Output power: 3W + 3W (4 ohms)

Signal to noise ratio: 90dB

Efficiency:> 90%

Size: 24 * 15.5 * mm Positioning hole size: Pitch 20mm aperture: 2mm

"Precautions":

1: positive and negative power supply can not be reversed, the power supply voltage can not exceed 5.5V, these two violations will cause IC damage.

2: The chip has a high gain buffer, can not change any component parameters on the board,

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does not meet the parameters will lead to IC damage.

3: Please use the shielded wire as far as possible to avoid interference.

4: the output for the cmos tube BTL drive mode, the left and right speakers can not be connected to the negative, that is connected to the speaker of the four lines are completely independent, does not allow a total of access!

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