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#### 1.Description:

It is a offline speech recognition module. SU-10A is a low-cost, low-power, small-size offline voice recognition module, which can be quickly applied to smart homes, all kinds of s appliances, toys, lamps and other products that require voice control.

### 2.Feature:

- 1).32bit RISC core,running frequency 240M.
- 2). Support DSP instruction set and FPU floating point arithmetic unit.
- 3).FFT accelerator:supports up to 1024 points of complex FFT/IFFT operations, or 2048 points of real FFT/IFFT operations.
- 4).Built-in high-speed SRAM,built-in 2MB FL ASH.
- 5).Built-in 3W,mono AB power amplifier. 6).Support 1 electret microphone.
- 7).Support 5V power input.
- 8). The default voltage of the UART interface is 5V, and it can also support 3.3V.

## 3.Parameter:

- 1).Product Name:Offline Speech Recognition Module
- 2).Connection method:PH2.0mm pitch connector
- 3).Support interface:UART/MIC/SPEAKER
- 4).Average Working Current:60mA
- 5). Power Supply Voltage: 3.6V-5.5V
- 6).Supply Current:200mA(Min)
- 7).Work Temperature:-20°C~85°C
- 8).Work Humidity:5%~95%RH
- 9).Size:33\*28\*9mm

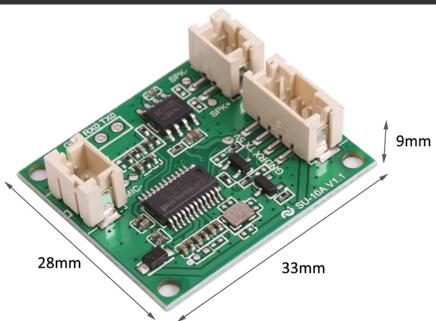
### 4.Support speaker specifications:

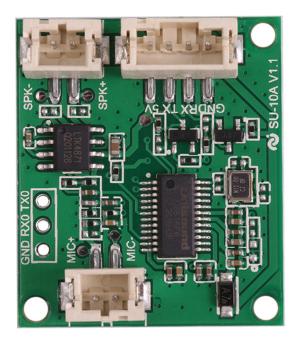
- 1. Under VCC=5V,4ohm load,it provides up to 2.9W output power
- 2.Under VCC=5V,8ohm load,it can provide up to 1.8W output power

#### 5.Package:

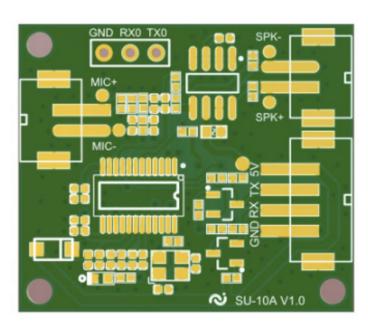
1pcs Offline Speech Recognition Module











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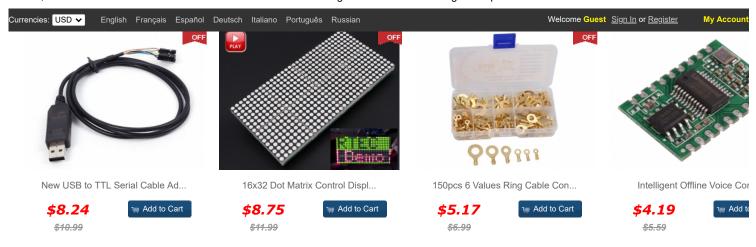


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