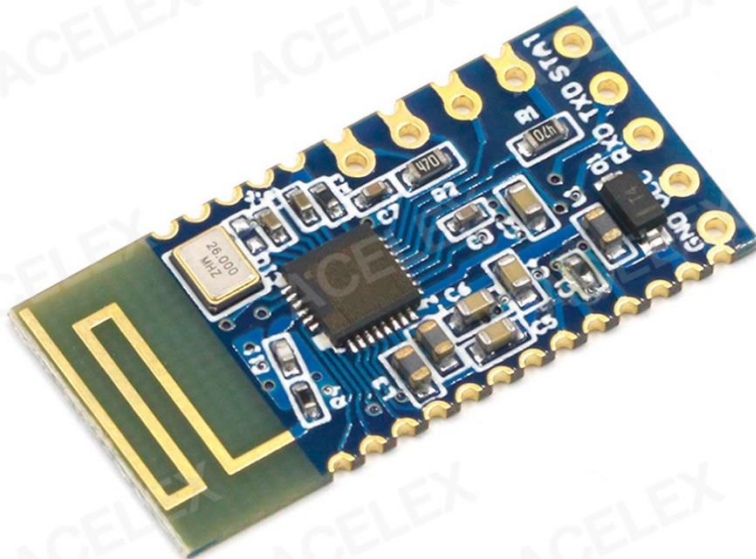


## Product description

JDY-67 adopts three-mode Bluetooth solution design, supports audio and BLE and SPP work at the same time, supports serial commands to set the broadcast name, volume, top and bottom, SD and Bluetooth audio switching

## Product Parameter

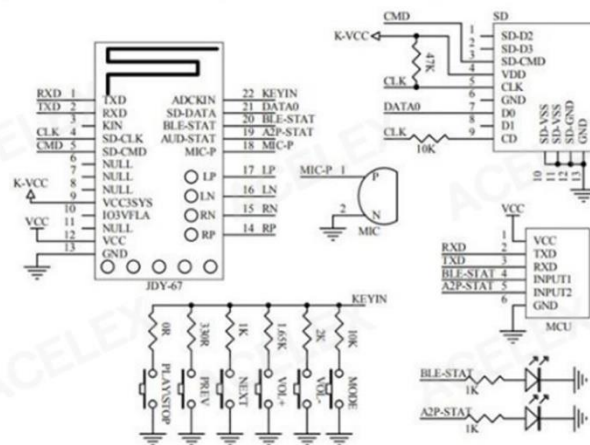
Bluetooth version	Bluetooth V4.2
Bluetooth protocol support	HFPV1.7, A2DPV1.2, AVRCPV1.5, AVCTPV1.2, AVDTPV1.2, Low Energy
Operating Voltage	DC 3.3-4.2V
not connected current state broadcasting	3.5mA
After connectingc current work status	20MA
Deep Sleep Current	3uA
Operating temperature	-40-80 degree
Transmission distance	15m



## Product Function

pin	Function	Description
1	TXD	Serial output
2	RXD	Serial Input
3	KIN	No function
4	SD-CLK	SD Card clock pin
5	SD-CMD	SDK Command pins
6	NULL	
7	NULL	
8	NULL	
9	VCC3SYS	KVCC button Power supply pins
10	IO3VFLA	SD Card power supply pins
11	NULL	
12	VCC	2.8V-4.3V Power supply pin
13	GND	Power Ground
14	RP	Positive differential output right channel
15	RN	The negative differential output right channel (not sure groundingGND)
16	LN	Left channel differential output negative (be sure to not be groundedGND)
17	LP	Positive differential output left channel
18	MIC-P	MIC Input +
19	AUD-STAT	Bluetooth audio connection status pin (not even a low level, a high level connection)
20	BLE-STAT	BLE Status pin connector (not tied low, tied high)
21	SD-DATA	SDPin card data
22	ADCKIN	ADCKey input pins(Support access6Keys)

- 1: Status indication can be used to connect the pin (low level audio is not connected, the high level connection)
- 2: Bluetooth can be used MUTE function, and ANT8110 the first amplifier chip 1 foot/SD Connection, when the phone connection, wake amplifier playing back the music when the phone is disconnected, the power amplifier into a low-power sleep state
- 3: can be use on SD Card Player MUTE Features, Un played SD Card or stop playing music SD Clear output card music playback SD High output, power amplifier chip card when the music ANT8110 Bluetooth audio + BLE or SD card + BLE product application connection diagram



PLAY/ STOP Click the play button, and then click Stop

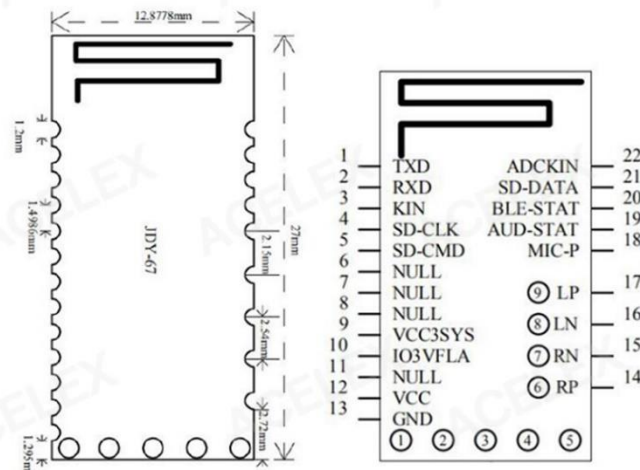
PREV Click on the button to play a

NEXT Click the button to play the next song

VOL+ Click the plus button volume1

VOL- Click the volume down button1

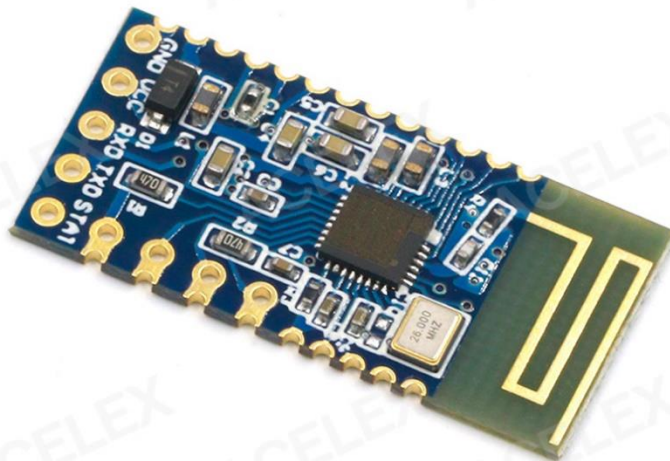
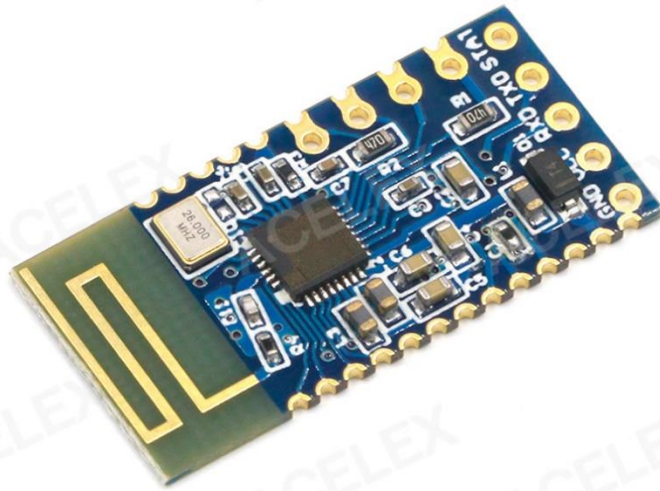
MODE Click the button to turn SD Card mode, and then click to turn Bluetooth audio mode (voice prompts)



The pin header VCC supports 5V power supply

Note: If only SPP or BLE data transmission is required, only the 2.45 pin pins need to be connected, and the remaining pins can be left floating

## Product Photos







## Serial port AT instruction set:

Jdy-67 module serial command must be plus \r\n The sequence instruction role Working mode The default

1. The AT + VER Query version number
2. The AT + RST reset
3. The AT + MAC Query MAC address
4. The AT + NAME Set the query BLE broadcast name JDY - 67 - BLE
5. The AT + NAMA Set the query audio broadcast name JDY - 67 - AUDIO
6. The AT + ENLOG Set the query serial port output status information 1
7. The AT + BAUD Set the query baud rate 4
8. The AT + STARTEN Set query low power mode 1
9. The AT + VOICE Play the specified FLASH built-in fixed voice
10. The AT + BTMOD SD card MP3 and bluetooth audio switch 0
11. The AT + NEXT The next song
12. The AT + LAST In a song
13. The AT + PLAY play
14. The AT + PAUSE stop
15. The AT + SDINDEX Play the SD card specified MP3 file
16. The AT + SDPMODE SD card music playing mode setting query (full cycle, single stop after playing, single cycle, random play)
17. The AT + CALL Make the last call
18. The AT + REJECT Refuse to answer
19. The AT + ACK Answer the phone
20. The AT + VOLDN The volume reduction
21. The AT + VOLUP The volume and
22. The AT + VOLUME Set query volume 16
23. The AT + DISC disconnect
24. The AT + STAT Query connection status 0, 0
25. The AT + PSTAT Check if the current music is playing
26. The AT + SDSATA Check the current SD card music directory
27. The AT + ROLE Configure whether to turn on BLE bluetooth Open the BLE 1
28. The AT + SING Configure differential output or single-ended output The differential output 0
29. The AT + SDSV Whether to record SD card playback directory Open the 1
30. The AT + SDPLAY In SD mode, will it play automatically when on Automatically play 1
31. The AT + CALEN Whether to turn on the phone function Shut down 0
32. The AT + AEQ Sound choices (rock, jazz, pop) There is no sound 0
33. The AT + FCC Use for authentication (single carrier and modulated wave) Shut down 0