

Pin NO.	Pin name	Description
1	MIC+	External microphone positive
2	MIC-	External microphone cathode
3	VOXEN	VOX enable , 0: enable VOX; leave open or 1 to disable VOX
4	1	Encoding for 16 channel, 4bit organized the 16 channels. For example, if the bit is : 0110, it is channel 6. If it is 1001, it is channel 9. The Pin marked 8 means the maximum bit. The Pin marked 1 means the lowest bit.
5	2	
6	8	
7	4	
8	H/L	High/low output power control; Leave open for high output power, low level to low output power.
9	SPKEN	Receive signal indicatie Pin, usually low level, turn high after receiving signal

10,11,13,21	GND	Exposed ground pad
12	ANT	Output for RF signal, External connect antenna with 50ohm
14,15	SPK	Output for Audio, External connect loudspeaker with 8 ohm /2W
16,17	VOL	Audio volume control, External connect 100K ohm rotary resistor
18	RXD	RXD of the module for UART, connect to TXD outside of the module
19	TXD	TXD of the module for UART, connect to RXD outside of the module
20	PTT	PTT of the walkie-talkie module, leave open or "1" is Rx, "0" is TX, Default receiving mode
22	VCC	External connect Positive supply 3.3~5V.
23	CS	"0" is for sleeping mode,"1" for normal working,, Default normal operation

10. Pinout definition

