

Circuit function description

一、Product: TWS bluetooth headset

二、Model: HE-059, S75, H9, HE-059A, HE-059B, HE-059C

三、Frequency Range (MHz):2402~2480MHz

It is a highly integrated Bluetooth system on chip (SoC) audio device, The working voltage is DC3.7, Bluetooth version 5.0 supports. Bluetooth has a transmission distance of 10M, 2.67dBi from 2402~2480MHz, -25~60°C

RF IC model: AD6973D

XTAL information、antenna type & gain: 24MHz、Chip Antenna、Antenna gain 2.67dBi

RF specification:

Operating Frequency:2402 MHz to 2480 MHz

Number of Channels:79 Channels

Type of Modulation:GFSK, ($\pi/4$)DQPSK

Channel Separation:1 MHz

Antenna Type:Chip antenna

Antenna gain:2.67dBi from 2402~2480MHz

Engineer sample no.:	BLA-EMC-202307-A6902
Operation Frequency:	2402MHz-2480MHz
Modulation Type:	GFSK, pi/4DQPSK
Channel Spacing:	1MHz
Number of Channels:	79
Antenna Type:	Chip Antenna
Antenna Gain:	2.67dBi (Provided by the applicant)