

一、 PRODUCT OVERVIEW

wireless audio full account of the ease-of-use and compatibility, External provide audio and data interface, support Analog Audio. Use 44.1 kHz audio data sampling rate, 16bit accuracy can reach CD-quality sound; Built-in data compression algorithm, error correction, packet loss recovery and so on baseband technology so that the sound quality is still clear without noise when was interfered.

二、 Function Description

Schematic Block Diagram:

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Digital Wireless audio using a dedicated 2.4 GHz RF IC(U1:A7122) and Appotech audio processor IC(U103: AX2002), the 8050-01 transmitter provides direct analog audio input interface. Stereo analog audio signal from U201:CS5343 changed to IIS digital signal. The 8060-01 unit receive IIS signal, from U102:CS43121 change to stereo audio signal.

U103:AX2002 major processing baseband arithmetic 、 communication mechanism、 audio interface control and control 2.4G module(U1:A7122) channel.

RF module is a dedicated 2.4 GHz bidirectional transceiver module, 1M data bandwidth.

RF antenna use copper on the PCB ,color:green,1 mm width,28mm length.