BSH12 Principle Description

This BSH12 use of lithium battery-powered, you can re-charge recycling.

1) using CSR's BC57F687A05 chip design, this chip has the following features: Support A2DP1.2 and AVRCP1.0 functions, using SBC's encoder through Bluetooth audio streaming and remote control functions, an internal MP3 decoder to improve the audio quality and lower power consumption, support A2DP 5 bands of equalizer, support high-quality audio DAC SNR 95dB playback in support of 64MIPS the Kalimba DSP co-processor, FastStream, CSR's low-latency video codecs and gaming applications, support HP1.5 (including 3-way calling), and HSP 1.0, with CVC echo cancellation and noise suppression, in full compliance with the Bluetooth v2.1 + EDR specification and security support for a simple matching, the best launch 7dBm Bluetooth wireless transmission of power and - 90dBm receive sensitivity, integrated linear regulator with 1.5V output from 1.8V to 2.7V input, integrated switching regulator.

2) BSH12 have a start button and a reset button, two LED lights, a MINI USB charging socket and a 3.5 stereo jack. Using polymer battery-powered, when press the start button and matching boot time, the chip's internal DC-DC conversion power supply 1.8V to the system, while the internal 1.5V output LDO out with the power supply to the chip's RF circuits and Core circuit, the master reads the external EPROM parameters, in accordance with headphones configured to run the operation so that you can complete the BSH12 functions, audio output through the 3.5 stereo jack outputs, and can access external stereo headphones. When the battery voltage is below the set voltage, there will be alarm, you can use MINI USB plug in computers or charger charging, charge complete indicator light off.