

Circuit Description

1. U6-A1568L is master controller of the sound box, the Y1 is generated the 12MHz clock signal to it, the user operating the sound box via key-press, and playing the music from SD card memory, U7-K9f5608U is a flash memory of master controller U6.
2. The U6-A1568L output audio signal to audio amplifier circuit and speaker via HPJACK J5, the audio amplifier circuit including IC1-BT1528, R9, R6, C8, C10, C6, C14, C15 and so on.
3. All circuit work voltage is DC 9V, supply by power adapter, and work voltage of MP3 player part is USB 5V.