

Operation principle of the i80 circuit

1. Automobile 12V direct current source step down circuit step down to about 7V , then 5V voltage launch and supply power partly for the audio frequency through 7805 steady voltage, another charge the equipment after straining waves all the way.
2. Stereo sound signal aggravate after the circuit sending audio frequency amplitude limiting circuit and low to strain wave while being coherent of BH1417 IC into in advance about sound channel separately frequently, outer 7. The crystal of 6M compounds stereoly and modulates with the signal of the audio frequency after inside frequency division circuit frequency division , the complex audio frequency signal after modulating sends high frequency to shake the circuit and carry on frequency to modulate, through cooperating with the phase locking to surround the return circuit and switch frequency to choose the circuit to choose frequency, then send the little high-frequency power amplification circuit to amplify, the high-frequency signal after amplifying is transmitted out by the aerial, cross the automobile FM radio and reduce the chime finally.