

## **Circuit Description**

In the transmitter, Signal according to dynamic cartridge oscillate to change audio signal input to processor. 31101 is for the signal compress and the oscillator, which can output twelve encoding signals corresponding to the working states. And the last frequencies are 180 and 207.6MHz. The transmitter is using “6F22”9V battery.

At the receiver, the signal take back and oscillate fundamental frequency and frequency mixing, after will have 10.7MHz frequency decoding audio signal. One is audio signal amplifier, and according to the switch to 31101 audio amplifier to output. Another audio signal is no any input signal, and the decoder input the noise, after amplifier the noise can use signal, and test, to control the switch.

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