

The brief introduction of the circuit of the Bluetooth headphone

The crystal oscillator of IC CSR RF-BC-2 with Y1 16Mhz, it can enlarge 64 times of the frequency through CSR RF-BC-2 internal. Then the signal are output via TX_A of CSR RF-BC-2. It was transmitted out by network. This network is formed by T1, L1, L2, C2, C14, C15, and it have the function of filter, (it transmits the signal via the antenna)

The brewed signal are input from CSR RF-BC-2, XTAL_IN. We can adjust the 16MHz frequency changing in Y1 in order to make the signal added to the main frequency.

The transmit antenna is made of print chinaware antenna. In fact, it would get better effect if you choose the chinaware antenna.

The power of the whole device is supplied from 3.6v battery.