

Circuit Description

AF part:

The signal received by MIC is amplified through IC1B, and enters into the network which is comprised of C5, R5, C4, R4, in the end, the audio frequency compression is completed by IC1A, IC2.

RF part:

The audio signal out of IC1A is modulated in VD1, the crystal of which is from 14.856MHz to 17.885MHz. The Q3 ~ Q5 completes the frequency doubling and amplifying, then the signal is transmitted to space via antenna.