

Transmitter

Transistor Q2(9014), Q3(9014) and other components Frequency Oscillator, transmit to filter Y1 (315MHz) & transistor Q1 (2688) to enlarge the transmission range. When press on the button S1, the high frequency carrier wave transmit from antenna on transmitter. Then re-press on the button, is stop as no energy. Energy is supply with a 12-volt battery.

Receiver

Antenna is inductive received the RF signal from receiver, the carrier induce Coil L3 & demodulate circuit by Q1 (2688), L5 & C20. The signal output as R23, R19, R20 to amplifier IC1 (LM324) to enlarge the transmission range after detect, the output frequency through IC IC2 (JS4056) and to activate sounds. Energy is supply with 6-volt batteries.