

Theory of Operation

Product: Remote control

Model Number: H007

EMITTER DESCRIPTION

- 1. Emitter Power Voltage: DC 3V**
- 2. Basic Frequency: 433.92MHZ**
- 3. Emissive Frequency: 433.92MHZ**
- 4. Modulating Manner: ASK**

Work process

Once connected 3V DC power supply, when SW1 or SW2 are pushed, IC1 (KB8P452) PC3 will generate a signal to frequency controlling circuit R21.Q4.C1.C2.R20. The circuit will feed this signal into the frequency amplifying circuit (C2, C3, C4, R5, R10, X1, Q1, L4) through C13. The amplified signal will pass into the filter circuit (C1, C6, C8, C9, C11, L5, and L6) and emit the signal by the antenna.