

Theory of Operation

Product: Remote control

Model Number: A009

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 (EM78P153S)P53 will generate a signal to The frequency controlling circuit (R5, SAW1, Q2, C1, C2, R6, L2). This circuit will feed this signal into the frequency amplifying circuit (R8, C6, R9, Q1, R10, C18) through C4. The amplified signal will pass into the filter circuit (C8, L4, C9, C10) and emit the signal by the antenna.