

Operation Description

Operation Frequency: 433.9MHz

Modulation Type: ASK

- (1) Battery: Boost Converter and 433MHz carrier generator are both supplied by two Ni-MH AAA batteries.
- (2) Dc to Dc Boost Converter: 2.4V input, 5V output, as the power to MCU.
- (3) 433MHz Carrier wave generator : as carrier generated by Oscillator and frequency selecting Circuit
- (4) Emission antenna: transmit the carrier wave with data in terms of electromagnetic wave.
- (5) Keyboard circuit: windows for man to operate with the product.
- (6) Crystal Oscillator: prove a 4MHz frequency to MCU as Operating frequency
- (7) MCU: managing and processing the data from keyboard, coding and send out electric signal to LED
- (8) LED: indicate the states of the functions
- (9) Power charging circuit: for battery.