Model: WT2RF
Theory of Operation
Transmitter:
It is a simple RF transmitter, which mainly divided into 5 sections.

1. Input Keyboard: for selecting the zone and time, which will be detected by the MCU. (SW1-18)
2. Power Control: once the any key was pressed, the MCU will be active and the LED will be turn on. (Q3)
3. SPK1: used to indicate the key press and the RF transmission.
4. MCU (PIC16C56): used to send RF code, control SPK1, Power Control and key scanning. (U1)
5. 315MHz Transmitter section: It's a simple RF oscillator, which will active when the code is coming. (Q1, FR1)