

**FCC ID: TW2GBTT1001210306**

## **Technical Description :**

The brief circuit description is listed as follows :

- C1 and C3 act as Antenna Matching Circuit.
- Q1 and associated circuit act as Low Noise Amplifier.
- Q2 and associated circuit act as Mixer.
- Q4, SAW and associated circuit act as 423.22 MHz Local Oscillator.
- F2 and associated circuit act as IF Filter.
- Q3 and associated circuit act as IF Amplifier.
- U2 acts as Demodulator.
- Q8 and associated circuit act as Power Switch.
- U1 acts as Micro-Controller.
- Q9 and associated circuit act as Low-Battery Detector.
- Q6 acts as Buzzer Driver.
- SW1 acts as Input Key.

## **Antenna Used :**

An integral antenna has been used.