

**Applicant: Energy Technology Laboratories**

**FCC ID: X34CDT909MF**

## **Operation Description**

U1 is voltage regulator IC, which make the voltage reach 3V to support the whole circuit. U2 is MCU, during press the button, U2 produce encoded signal. U3 is data encoding memory. U4, SAW, C7, L3 make up of modulating amplifier. RF signal send out through the antenna

Antenna is formed by a copper trace on the PCB. Common grounding on PCB is not connected to real external ground. Power supply is DC 12V by a “23A” battery.