*Operational description (Sequence)

1. USB interface : is used for supplying power and communicating between application program.

2. External Power : supplies power to RF drive circuit as the external power input terminal.

3. Power Switch : controls power supplement automatically if the USB or external power is on.

4. Regulator : is Logic power supply.

5. Microcontroller : modulate/demodulate communication and RF signal. The microcontroller also control switch and LED.

6. Low Frequency RF Transceiver : modulate/demodulate low frequency(134.2Khz).

7. Drive circuit : amplifies modulated-signal.

8. Resonance : drives LC resonance circuit antenna.

9. Low Frequency Antenna : is connected to proper antenna.