Circuit Description of DBFLR01

1.MCU: It is the core unit.It can realize function control of system and communicate with other units.The internal RC frequency is 16MHz.

2 RF Transmitter:perform encode ,modulation and transmitting.The crystal frequence is 13.56MHz.and internal PLL to 433.92Mhz.

3 RF Receiver:perform decode,demodulation and receive.The crystal frequence is 423.22MHz.

4 , Match NET: RF signal and the antenna impedance matching.

5 , Antenna is on the PCB. The antenna gain is 0dBi.

6 Key Input: detect the user operation if key pressed

7 LED indicator:Display the current work station.

8 Voice Ouput:Including voice play ,volume adjust,voice amplify and a speaker.

9 Power Supply: Providing power for the product operating.