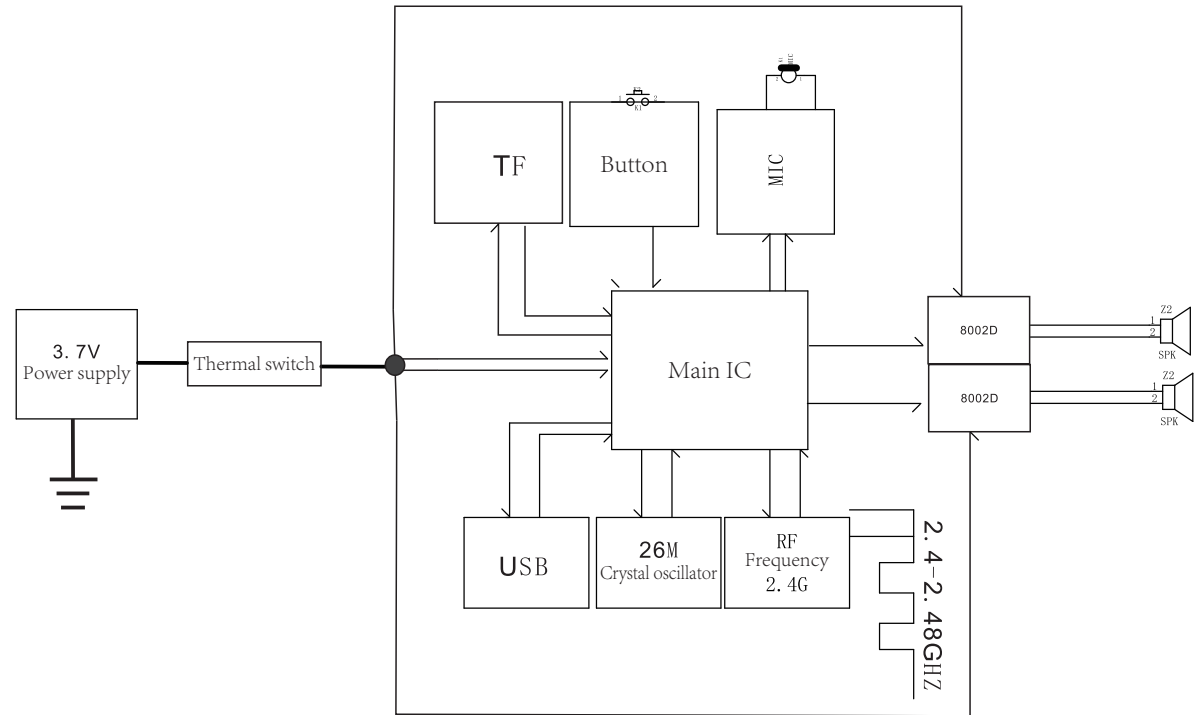


# block diagram



1. 3.7V power supply, 3.7V power supply for main chip and power amplifier
2. TF: After insert TF card, it will be decode by main chip and convert to audio signal
3. USB: Insert USB, it will be decode by main chip and convert to audio signal
4. 26M Crystal Oscillator: It provide 26MHZ frequency for main chip
5. RF: 2.4GHZ Bluetooth frequency signal send out by RF antenna
6. Main chip: Control system decode of product and circuit
7. Button: The main chip give commands and instructions to achieve the operation of Button
8. MIC: collect the signal of audio. then decode by main chip and send out by RF to hands free call.
9. 8002D: Audio power amplifier amplify the audio signal then send to speaker
10. SPK: The audio signal from amplifier revert to human voice through the speaker
11. Temperature controller: when the teperature reaches  $45^{\circ}\text{C}$  ( $\pm 5^{\circ}\text{C}$ ) , Battery will stop supply power