

## **CIRCUIT DESCRIPTION**

When the button is pushed, LED will be on. And a regulator drop the voltage 9V to 3V for the MCU power supply. There is a 9 tri-states input switches to give information to the MCU. and the MCU's oscillator is 4Mhz. It converts to series data as different duty cycle code ON or OFF to the RF part. In the RF circuit, a SAW resonator and an amplifier give a positive feedback and result in 390MHz oscillation to the antenna and transmit data out.