



### Functional description :

When idle, the MCU is in sleep-mode and the oscillator is turned off.

When a key press is detected, the MCU wakes up and checks what key is pressed.

The corresponding code (5 bytes) is looked-up in memory table and sequenced to the code low-pass filter.

Next, the code is passed on to the SAW filtered oscillator. The code is transmitted using the ASK principle, modulated at 433MHz, the transmit antenna is fixed on the PCB and can not be altered.

When the button is released (pulse-mode) or after 5 code sequences (toggle-mode), the oscillator is turned-off and the MCU goes into sleep-mode.