

Powered by 3V battery, the MCU can sense the input of buttons. After one button is pressed, the MCU generates a set of on/off square wave pulse. Those wave pulses enable and disable the build-in OOK transmitter IC. When the IC is enabled during high level of wave pulses, it generates 433.92MHz waves. Those radio frequency waves are copied and then generate radio wave into air via PCB antenna. When the OOK transmitter IC is disabled during low level of wave pulses, it stops 433.92MHz waves.