

LGT202 Remote Control operation description:

Transmitter LGT202TX operation description:

1. The MCU generates a remote control signal; it is a series of pulse. There are about one thousand pulses per second. The signal length is less than 2 seconds.
2. Remote control signal is sent to RF circuit and converts into RF signal.
3. RF circuit is an oscillator with a SAW, it generates a RF signal, and the frequency is 433.92 MHz.
4. The RF signal is ASK format signal.

Receiver LGT202RX operation description:

1. Receiver's power is 6 volt battery. A MCU controls the receiver operation.
2. The Receiver action is controlled by transmitter RF signal. The signal includes ID code and verifiable code. The MCU checks the ID code and verifiable code to prevent interference.
3. The receiver's main purpose is to control switch ON/OFF.

Fundamental operation frequency:

433.92 MHz