LGT201 Remote Control operation description:

Transmitter LGT201TX 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 then 2 secands.

2. Remote control signal is send 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 LGT201RX operation description:

1. Receiver's power is 6 volt battery. A MCU control the receiver operation.

2. the Receiver action control by transmitter RF signal. The signal includes ID code and verifiable code. The MCU check the ID code and verifiable code to prevent interference.

3. The receiver main purpose is control switch ON/OFF.

Fundamental operation frequency:

433.92 MHz