

Emission circuit description

The remote control section is powered by 2 AA batteries that transmit the signal through the RF 2.4G.

RF

The oscillator circuit includes X crystal oscillator (12M/15PF) and so on. The RF antenna transmission circuit includes Antenna and so on, the LED lamp circuit is composed of R3 and LED1;

Signal transmission process: press the button, K1~K6 functions are forward, backward, left turn, right Turn and so on. When the button is pressed, the RF passes through the X crystal oscillator circuit, and the signal passes through the IC Signal Amplifier, modulation. After the filtering process, the ventilation antenna transfers the signal

Receive circuit description:

The receiving section is powered by an 3.7V battery. Receive 2.4G signals via RF.

RF oscillating circuit package Including X crystal oscillator (12M/15PF). RF antenna transmission circuit includes antenna and so on.

The motor circuit consists of MOTOR DRIVERS IC U3

Signal receiving process: after receiving the 2.4G through the antenna, it is amplified and amplified through the IC internal circuit

After frequency conversion, filtering and mediation, the valid data is read and the corresponding data is executed according to the data to be read.

Move forward, backward, left turn and right turn.

MCU:RF2517A

crystal oscillator (12M)

Frequency Range:2410-2473MHz