

Circuit Description:

The remote part is powered by 2*1.5 AA batteries, and K1 is the power switch. The signal is transmitted through RF 2.4G. RF oscillating circuit includes Y1 crystal oscillator (12M), C4 C9 capacitor. RF antenna transmission circuit includes L1 and antenna, while the LED lamp circuit is composed of R1 and D1.

Signal Transmission Process:

Press the button (with speed regulation) KF-KB for: go forward and backward. Press the button KL-KR for: turn left and turn right. When you change these buttons, RF passes through Y1 crystal oscillating circuit, and after the signal goes through the processes of IC internal amplification, modulation, filtering, etc, it transmits through the antenna.