

## Description of operation

U1 <SC2262> is a universal remote control codes IC: K1/K2 control light switches were functional, the internal encoding by the IC after the IC output encoding of the 17 feet signal, the encoded signal and crystal three tube Q1/Q2 Crystal XI <315MHz > and other components to modulate the composition of high-frequency signal circuit and the amplification of the modulated signal amplified by the antennas emit electromagnetic wave into the air. ,

Super-regenerative receiver circuit uses the classic line: antennas pick up the electromagnetic signals from the air, into the super-regenerative circuit formed by Q1 and other parts of the high-frequency amplifier, high frequency signal amplified by L1Q2C9 selected frequency, <315MHz> Re enlarge, detection of the low frequency signal sent by R8C11 IC1 <LM358> for amplifying shaping, amplification of signal sent IC1 IC2 <SC2272> 14 feet into the internal decoding, 10 feet from the IC1 output signal to drive the corresponding LED 18 LED