

TX35 RF Circuit Description

Transmitter

1. Power Supply: Used the 9V battery for encoder and an electronic circuit capable stepping down the voltage to +3.3VDC to Transmitter RF module.
2. Function: The TX35 to control the FAN speed and Light dimming function through 434MHz RF signal.
3. Harmonic Filter: The harmonic filter is build of C2, C6, C11, C3, L4 and L7 in order to reduce the harmonic signal to meet FCC regulation.
4. ID SW setting: The 4 Switch DIP to setting the address cord for the usage of multiple Receivers.
5. CFL select: The toggle switch to setting the CFL and INC.
6. Antenna: A 434MHz PCB routing antenna is used to transmit carrier RF signal.