

# HUN32RF Circuit Description

## Transmitter

1. Power Supply: An electronic circuit capable of converting 120Vac and stepping down the voltage to a regulated +3.3VDC to Transmitter MCU and RF module.
2. Power Switch: The TX power switch to controller the Power ON/OFF of the Transmitter and fan light control receiver.
3. Function: The HUN32RF to control the FAN speed/Reverse and Light dimming function through 303.5MHz RF signal.
3. Harmonic Filter: The harmonic filter is build of C4, C5, C6, L1, L2 in order to reduce the harmonic signal to meet FCC regulation.
5. ID SW setting: The 4 Switch DIP to setting the address cord for the usage of multiple Receivers.
6. Antenna: A 303.5MHz rectangular loop antenna is used to transmit carrier RF signal.