

## Controller Circuit Description

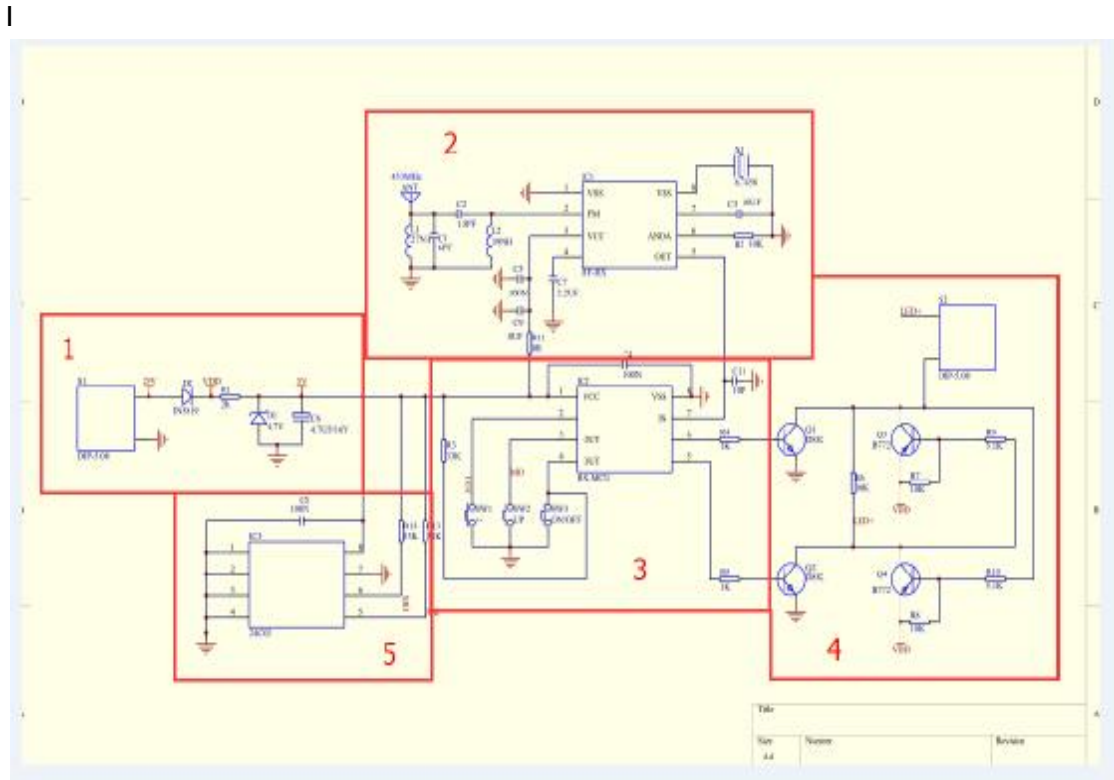


Image 1.  
29V DC power supply through 4.7V Regulator circuit

Image 2.  
The Antenna received transmitting signal 433MHz from remote control and transmit to receiver Chip RF83C by using the superheterodyne receiver principle, through internal mediation, restore digital signal transmit to EM78P153.

Image 3.  
When EM78P153 received digital signal, it starts to analyze if the command is sending to local, if it is, EM78P153 will run corresponding control program according to the command, run the expected flashing way of the remote control.

Image 4.  
Using PNP and NPN audion to achieve LED lights color conversion

Image 5.  
Using AT24C02 memory to memory the current operating mode,  
When power on again, it is still able to maintain the current working status after power off.