

# Circuit description

The product including the following circuits:

## 1.Adapter

The adapter was made up of U1 and DC/DC circuit, the input voltage is 1.6v-3.3v and output voltage is 3.3v. it supplied to video processor circuit and 2.4G wireless transmission box. When you pressed K1, The second of foot 's capacitance was charging up and kept long time work voltage. When the MCU-U3 timed 30 seconds, the U3's forth foot output high level and led to Q4, then released the power of second of U1's capacitance. It made it stop. When the input voltage is over 2.3V, the forth foot output high level and led to Q2, the green light flashed. When the input voltage is less than 2.3V, the forth of U1 output low level and led to Q1, the red light flashed.

## 2.Video processor circuit

U2(9V011S) and U4(VC0702) was made up of bright/digital/analogue/video processor circuits, the analogue video signal was outputted by No.32 feet of U4, the bumper of Q3 output the video signal and sent out to 2.4G wireless transmission box..

## 3.2.4G Wireless transmission box

The video and audio's frequency was adjusted in 2.414-2.468GHZ, the frequency bandwidth is 18m. The video processor circuit and 2.4G wireless transmission box was each connected with power supply in \* way.