

HS8086II原理说明

The device is a small sized microcomputer that instantly converts your regular TV into a smart TV. The voltage of the device is DC 12V.

Multimedia playing function consists of local playing and internet playing;

a, Local playing function means that MCU reading and decode the files from TF card or USB device. The MCU employs 32.768kHz, 24MHz, 26MHz and 27MHz oscillators.

b, Internet playing means that the device is connected to Internet via cat5E cable or 2.4G wireless. MCU read and decode the files from Internet, then send the decoded signal to HDMI port.

c, MCU send the decoded signal to wifi module(RTL8188).The wifi module which employs 40MHz oscillator transforms the signal to 2.4GHz wireless signal and output to space via a PCB printed antenna. The WiFi RF module supports IEEE802.11 b/g/n(1T1R) standards.