

Circuit Description

一. General Description

This product is a MID, It is applicable to the WIFI, Reading SD Card, Reading USB Card, Android system, and with HDMI PORT, Earphone port, etc., The power supply by adapter(DC 9V, 1.6A) or battery (7.4V).

二. Android part

The main IC RK3066 (OSD 24MHz) is MCU, IC H5TQ2G83 is DDR, IC H27UCG8T is FLASH, IC GM8283C is LCD Device, IC AXP52 is Power management, IC ALC5631Q is Audio processor, IC HB6298B is Charging management, RF module RK903(OSD 26MHz), Supports WIFI 2412-2462MHz, and supports audio/video play, supports picture browse with no size limitation Built-in Wireless 802.11b/g, WAFI, Supports SD CARD Multimedia player data read and write.

三. Wifi module RK903

*The main IC BCM4330 is MCU and RF code. IC SKY13317 is RF Switch.
the RF receiver unit receives the RF Bands 2412MHz to 2462MHz operating signal by the antenna, the control unit get the operating signal from the RF Receiver Unit, Control unit will send the processed signal to WIFI Module to execute. And the WIFI module uses the osc is 26MHz. when the signal input, Control unit will send the processed signal to MCU to execute. RF unit WIFI module which uses the modulation mode: DSSS. and the MCU will final signal to WIFI Module.*