

Description

Power :

Rated supply voltage : DC 12V.

LM2575 for the switch to 5V and supply power for LM1117 、cpu (89S52)

LM1117-2.5 for the switch to 2.5V and power for cpu (rdc1610) .

LM1117-3.3 for the switch to 3.3V and power for cpu (rdc1610) 、flash (sst39vf040) 、sdram (w981616) 、phy (rtl8201) and wireless module (cc1000) .

Network :

phy (rtl8201) for receiving data from network and transmitting to cpu (rdc1610) for processing.

Main processing :

cpu (rdc1610) , flash (sst39vf040) , sdram (w981616) for network and wireless dataprocessing ◦

Wireless :

cpu (rdc1610) transmits data to cpu (89S52) ,then cpu (89S52) re-transmits data to wireless module (cc1000) . Wireless module (cc1000) will send data through the 433Mhz frequency ◦