

Circuit Description

Our Circuit is composed of a main controller, DDR2, Power IC, and audio codec. The power IC supplies power to the system. The Android system is stored in the iNAND. After power-up, the controller IC loads the system from the iNAND. The controller decodes the image and sends data to the panel for display. Meantime, the controller sends the audio signal to the audio codec, which transfers the digital signal to an analog signal. The user can play games and play mp3/mp4 in the system. Meanwhile, when power is ready, 38.4MHz OSC provides a reference to the WIFI or Bluetooth controller, and the CPU, which works with a 24MHz crystal and a clock speed of 800MHz, communicates with the WIFI or Bluetooth controller. The WIFI or Bluetooth controller sends and receives signals via a 2.4GHz antenna.