

Power:

Rated supply voltage: 14.4V.

The main power supply sub-four:

the direct use of the main amplifier chip TDA7854A power (14.4V) for power supply.

U34 (MP1584) for the switch to 5V, 14.4V DC / DC power supply, supply power for the DVD and IPOD.

U16 (MP1584) for the switch to 5V, 14.4V DC / DC power supplies, for display, Bluetooth, the main processor power.

U5 (HA13173) for the simulation of multiple power supplies, mainly for radio and analog audio power supply, but also supply CAN module and MCU (U19, STM32F103VC).

Audio processing options: the use of DSP (SAF7730HV) to output audio processing, the use of (R2S11002AFT) for audio and video channel switching.

Main Processor: ARM SIRFPRIMA, is mainly responsible for man-machine interface and navigation.

Auxiliary processor (U19, STM32F103VC): responsible for the whole power management, Bluetooth communications, and field bus (CAN) data communications.