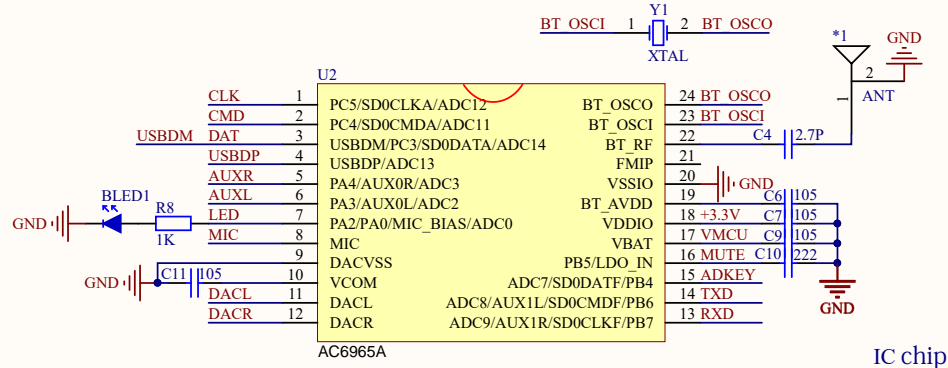


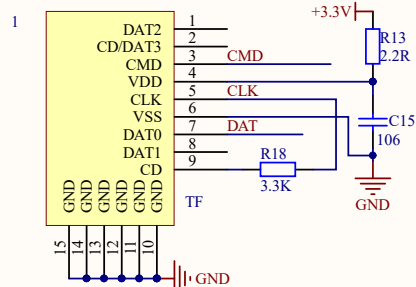
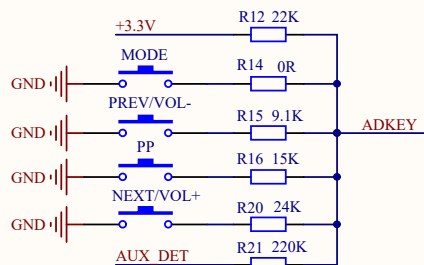
1. Reserve four upgrade solder joints for VMCU USBDM USBDP GND when drawing the board

2. When there is no button, the ADKEY pin is connected to a 22K pull-up resistor to +3.3V, and it cannot be suspended

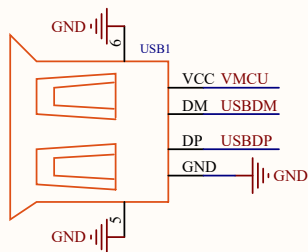
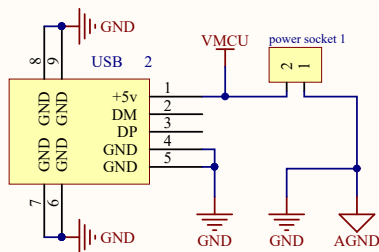
3. With FM radio function, remove the resistors R3 and R10, the power amplifier will enter the AB class mode, and then the radio can be received normally



IC chip



AD button, TF card



Power supply, USB

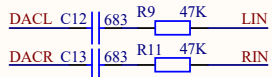
*Remark:

The MUTE pin is the power amplifier mute control pin
High level quiet, low level playback

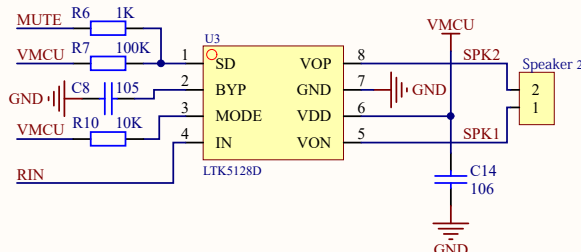
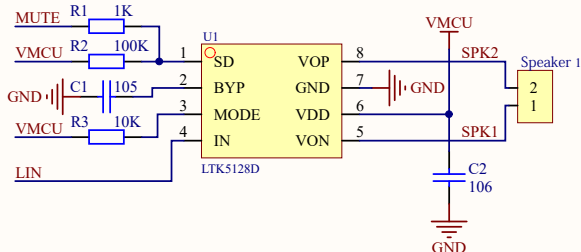


Mono audio output method

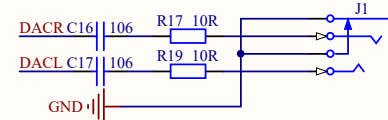
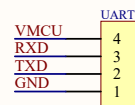
Fixed outputting audio with DACL



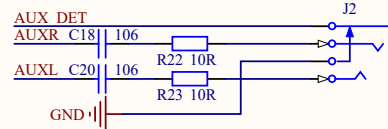
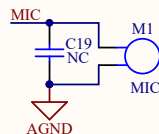
Stereo audio output method



amplifier output



Serial communication, headphone output



Microphone, AUX input