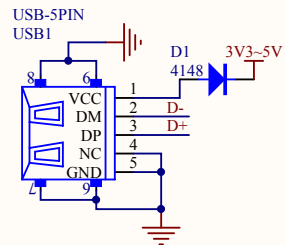
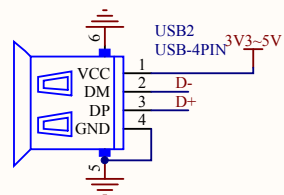


USB下载口

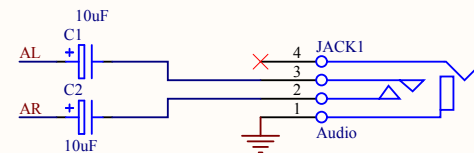


U盘



音频输出

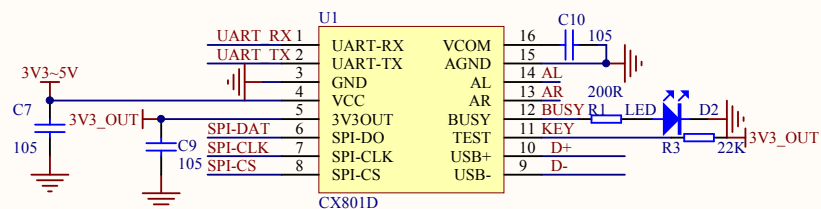
The diagram illustrates the audio output circuit. It features two parallel signal paths for the left (AL) and right (AR) channels. Each channel is connected to a 10uF capacitor (C1 for AL, C2 for AR) which is then connected to a 4-pin JACK1 connector. The ground pin (1) is connected to a common ground. The signal pins (2, 3, 4) are connected to an audio output device, represented by a speaker symbol. A red 'X' marks the connection point between the capacitors and the JACK1 connector.



MP3 DECODER

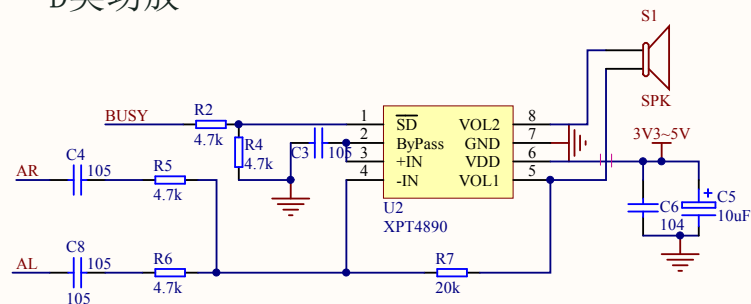
The diagram shows the CX801D MP3 decoder chip with the following connections:

- Power:** 3V3-5V input, 3V3_OUT output, and 3V3_OUT output.
- UART:** RX 1, TX 2.
- SPI:** DAT, CLK.
- Other:** 3V3_OUT, 22K resistor (R3), 3V3_OUT.



D类功放

The diagram illustrates a Class D amplifier circuit using the XPT4890 IC. The circuit includes an input stage with capacitors C4 and C8, resistors R2, R4, R5, and R6, and a feedback network with R7 and C3. The XPT4890 IC is configured with pins 1, 2, 3, 4, 5, 6, 7, and 8. The output is connected to a speaker (SPK) through a 3V3~5V supply and a 10uF capacitor C5. The input signals are labeled AR and AL.



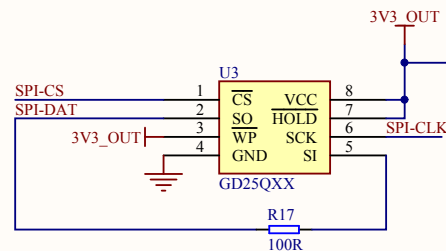
FLASH

The diagram shows the following connections for the GD25QXX flash memory (U3):

- Pin 1:** SPI-CS
- Pin 2:** SPI-DAT
- Pin 3:** 3V3_OUT
- Pin 4:** GND
- Pin 5:** SI
- Pin 6:** SCK
- Pin 7:** HOLD
- Pin 8:** VCC

Additional components and connections:

- A 100R resistor (R17) is connected between pins 5 and 8.
- A 3V3_OUT supply is connected to pins 3 and 8.
- A 104 capacitor is connected between pins 8 and 3V3_OUT.
- The chip is labeled U3 and GD25QXX.



CX801D-DEMO-V1.0

The diagram illustrates the MCU control interface and a push button circuit. The MCU control interface consists of two rows of connections: UART RX connected to CX RX, and UART TX connected to CX TX. Below this, a push button circuit is shown with a label '按键 (建议留测试点)' (Push Button (Suggest leaving test points)). The circuit includes a push button labeled 'key1' connected to a line labeled 'KEY'. This line is connected to a ground symbol, and the text '下一曲' (Next Song) is written next to the ground connection.



按键（建议留测试点）

