

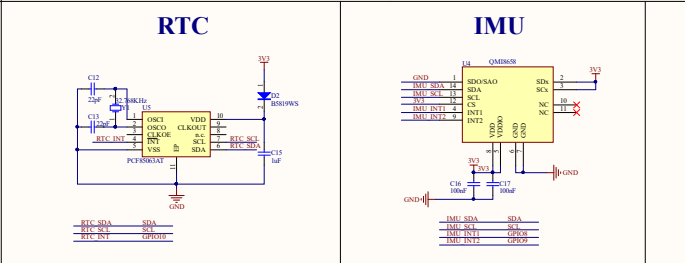
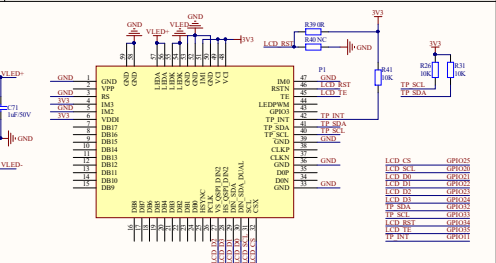
POWER

VIN: 2.3V -5.5V

VOUT: 0.6V1(28044.2)-3.340V

Load: Max 2A

Gpio40 BAT+ BAT- ADC

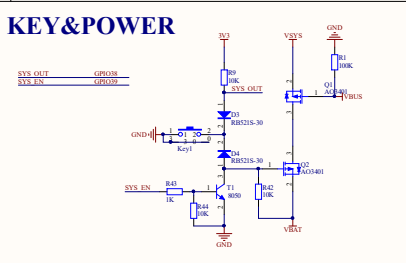


The diagram illustrates the connection between an SD Card and a Raspberry Pi 3B+. The SD Card is shown with its pins connected to the Pi's header pins as follows:

- SD D0** to **SD D7**: Connected to Pi pins 1, 3, 5, 7, 9, 11, 13, and 15 respectively.
- SD CMD**: Connected to Pi pin 17.
- SD CS**: Connected to Pi pin 26.
- SD VDD**: Connected to Pi pin 1.
- SD VDD1.8**: Connected to Pi pin 1.
- SD GND**: Connected to Pi pin 6.
- SD MIO0**: Connected to Pi pin 19.
- SD D1**: Connected to Pi pin 13.

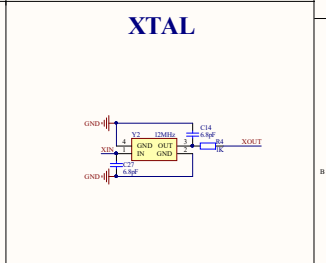
Power and ground connections are also shown:

- V+** (5V) is connected to the positive terminal of a 100µF capacitor, which is then connected to the **SD VDD** pin.
- GND** is connected to the negative terminal of the capacitor and the **SD GND** pin.
- The **TF-5PSE TF-4P** connector is shown with pins 1, 2, 3, and 4 connected to the SD card's **SD VDD**, **SD CS**, **SD D0**, and **SD D1** respectively.
- The **RST** pin of the SD card is connected to the **RST** pin of the Pi, which is also connected to ground.
- The **NC** (Not Connected) pin of the SD card is connected to the **NC** pin of the Pi.

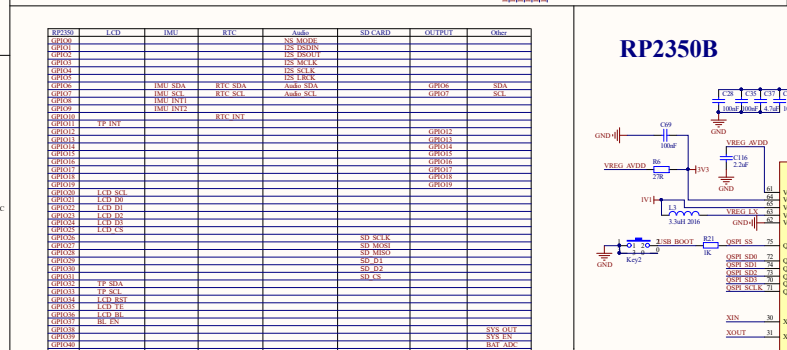
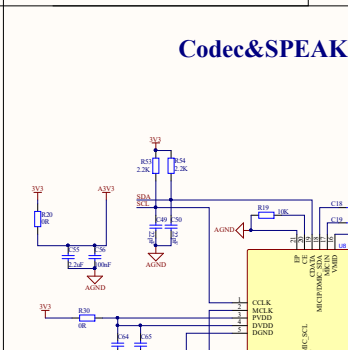
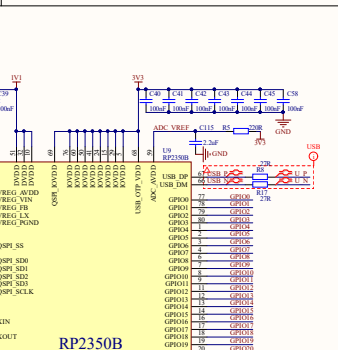


FLASH

P129CQ200A-00T-00R

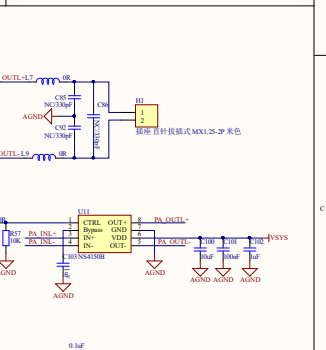
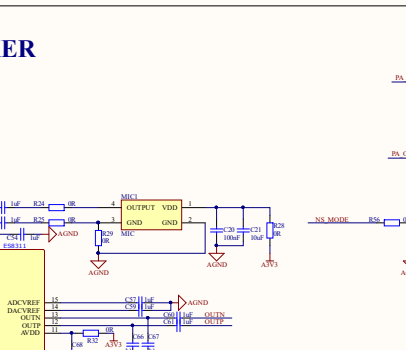
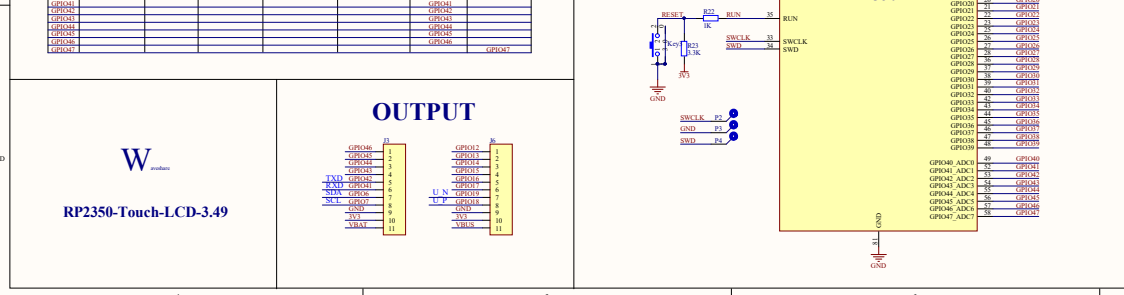


The diagram illustrates the hardware connection between an AT89C51 microcontroller and a 16x2 LCD module. The microcontroller's VCC and GND pins are connected to the LCD's VCC and GND pins, respectively. The microcontroller's RW pin is connected to the LCD's RW pin. The microcontroller's RS pin is connected to the LCD's RS pin. The microcontroller's data bus (D0-D7) is connected to the LCD's data bus (D0-D7). The LCD module is labeled 'LCD 16x2' and the microcontroller is labeled 'AT89C51'.

[illegible]

KEY&POWER

The diagram shows a circuit for interfacing a 5V supply to a 74VHC04 hex inverter. The 5V supply is connected to a 1K resistor (R24) and a 10K resistor (R25). The 1K resistor is connected to the KEY pin of the 74VHC04. The 10K resistor is connected to the 5V supply. The output of the inverters is connected to the KEY pin of the 74VHC04. The output of the inverters is also connected to the 5V supply through a 10K resistor (R25). The output of the inverters is also connected to the 5V supply through a 10K resistor (R25). The output of the inverters is also connected to the 5V supply through a 10K resistor (R25).

[illegible]

Codec&SPEAKER

The schematic diagram illustrates the internal components of the CODEC and SPEAKER section of the M12-2P module. The CODEC is represented by a yellow block with various pins and connections. The SPEAKER is represented by a yellow block with a single pin and connection. The diagram includes a list of components and their values, such as resistors, capacitors, and inductors.

Component List:

- 12K MIC2594
- 12K MIC2595
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- 12K MIC2597
- 12K MIC2598
- 12K MIC2599
- 12K MIC2600
- 12K MIC2601
- 12K MIC2602
- 12K MIC2603
- 12K MIC2604
- 12K MIC2605
- 12K MIC2606
- 12K MIC2607
- 12K MIC2608
- 12K MIC2609
- 12K MIC2610
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