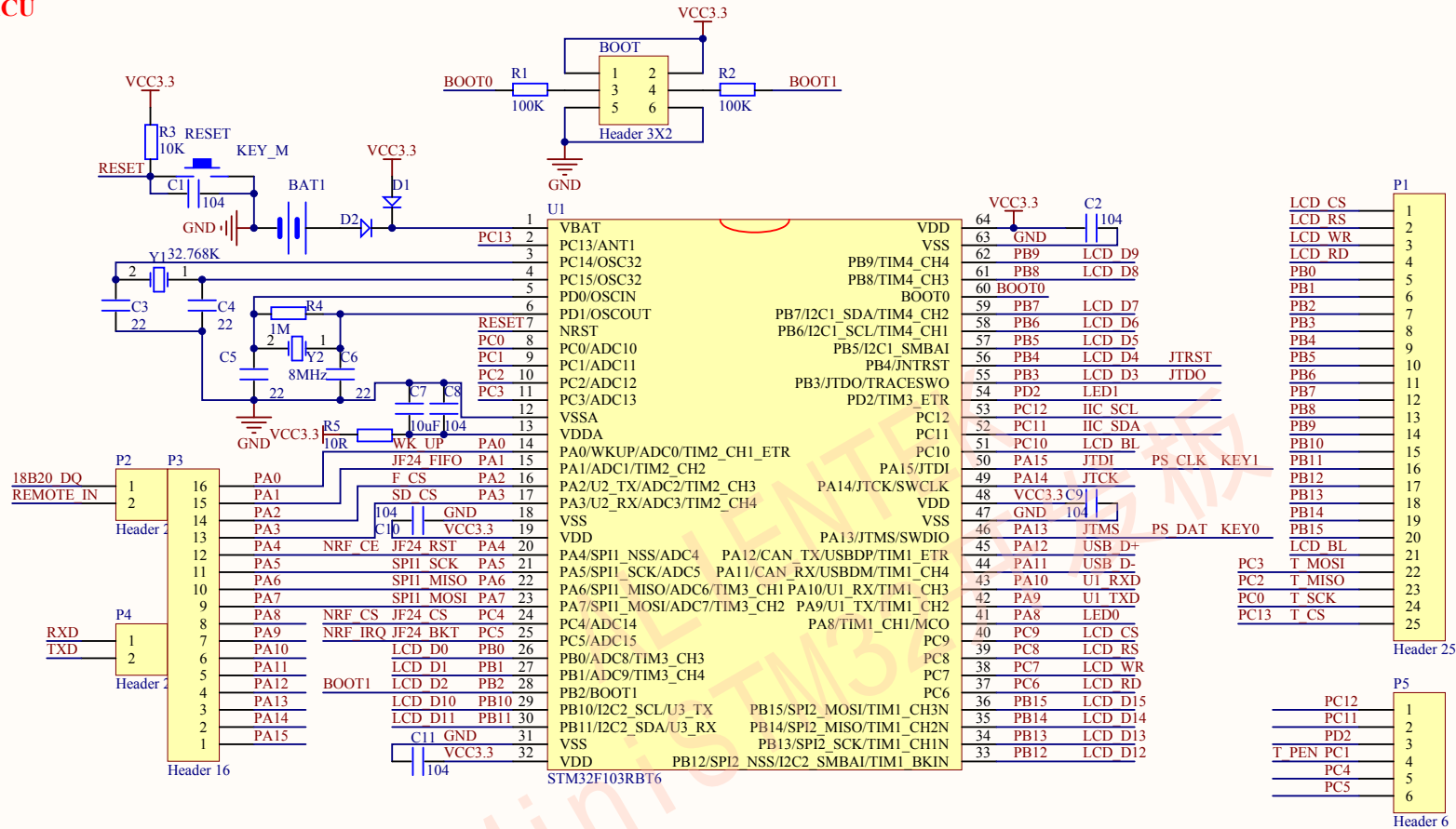
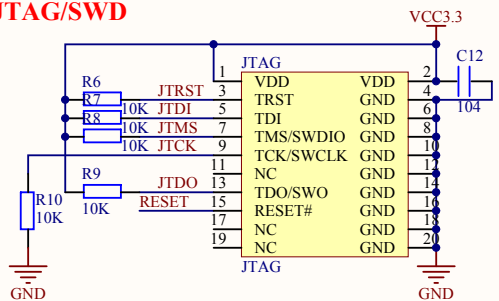


MCU



JTAG/SWD



Title:
ALIENTEK MiniSTM32 CORE V2.0

Author:
ATOM

Date:
2013-3-30

Revision:
0

Size:
A4

File:
CORE.SchDoc

Version:
V2.0



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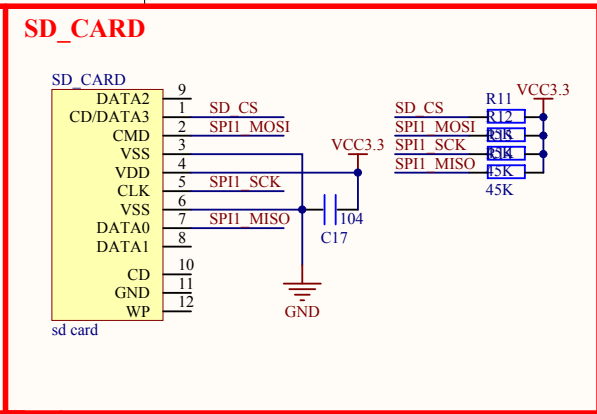
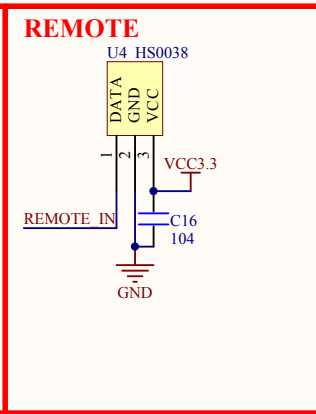
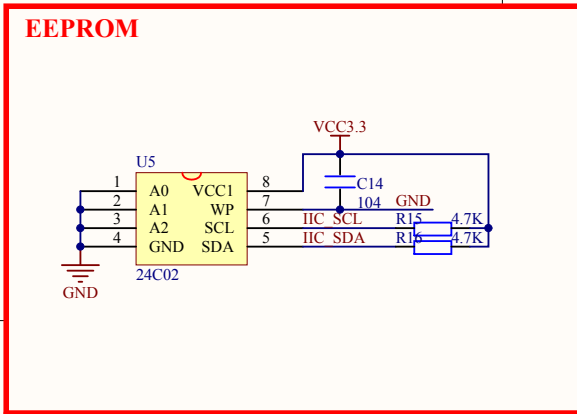
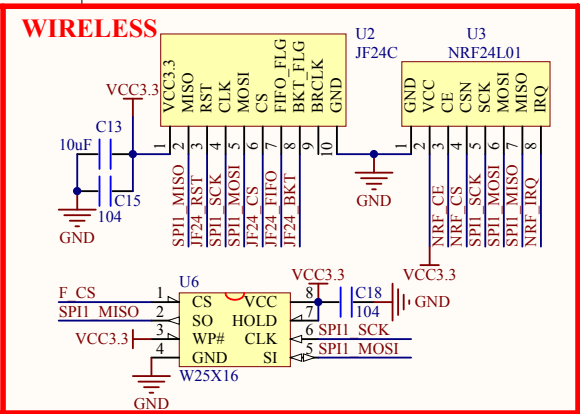
EEPROM

The diagram shows the wiring for an EEPROM (U5) in a circuit. The EEPROM is a 24C02. The connections are as follows:

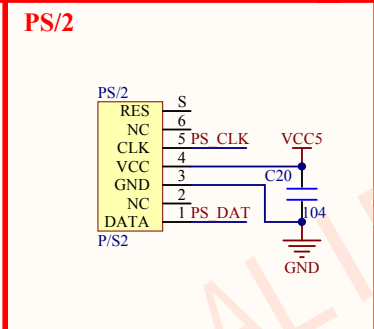
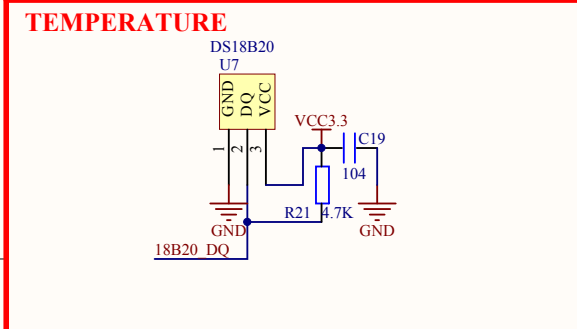
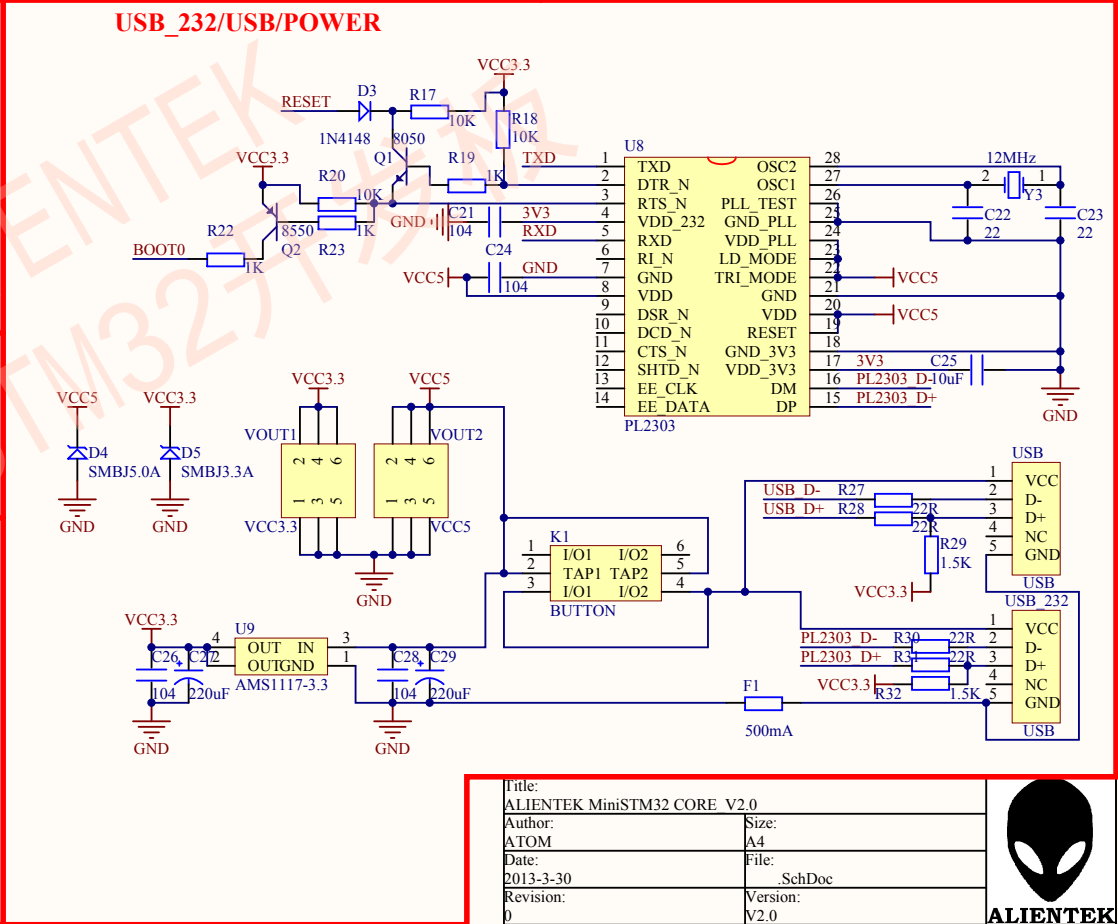
- Pin 1: GND
- Pin 2: VCC1
- Pin 3: WP
- Pin 4: GND
- Pin 5: IIC SDA
- Pin 6: IIC SCL
- Pin 7: VCC3.3
- Pin 8: GND

Additional components and connections:

- A 104 capacitor (C14) is connected between VCC3.3 and GND.
- A 4.7K resistor (R15) is connected between IIC SCL and GND.
- A 4.7K resistor (R16) is connected between IIC SDA and GND.

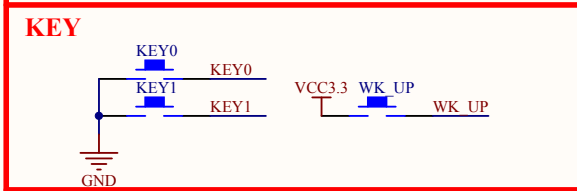
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TEMPERATURE

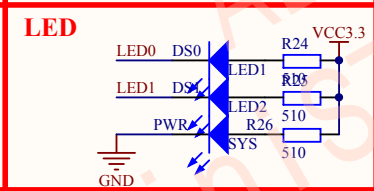
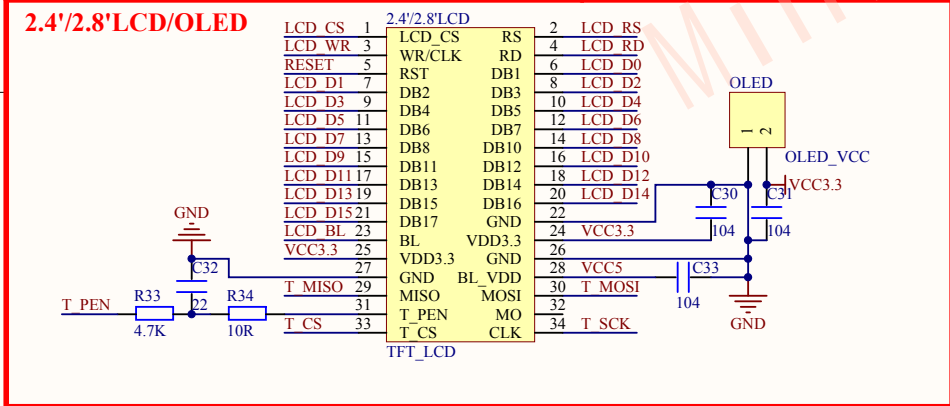
[illegible]

KEY

The diagram shows a circuit for the KEY pin. It features two push buttons, KEY0 and KEY1, connected to a common input line. KEY0 is connected to VCC3.3 and KEY1 is connected to GND. The input line is also connected to VCC3.3 through a pull-up resistor labeled WK_UP.



The diagram shows two LEDs, LED0 and LED1, connected to the DS0, DS1, PWR, and SYS pins. LED0 is connected to DS0 and LED1 to DS1. Both LEDs have their anodes connected to the PWR pin and their cathodes connected to the SYS pin. The PWR pin is connected to VCC3 through a 3.3V regulator and a 100nF capacitor. The SYS pin is connected to GND through a 100nF capacitor. The LEDs are connected to R24, R25, R26, and R27 resistors, which are connected to VCC3 and GND.

[illegible]

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