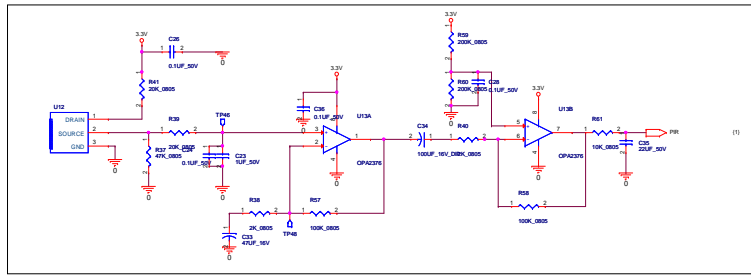
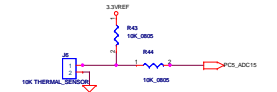


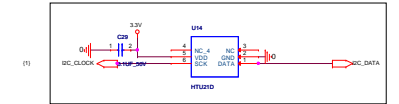
PIR SENSOR



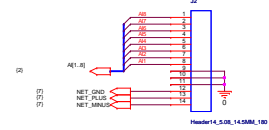
Temperature Bead



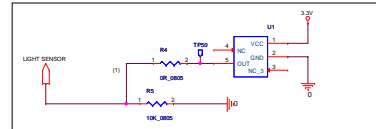
HUM SENSOR



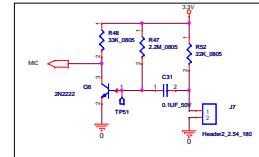
FIELD WIRING



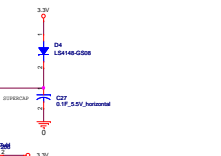
LIGHT SENSOR



MIC



RTC POWER



LED FOR BOOTLOADER



INPUT CONTROL



RELAYS



I2C



LCD



Sensors



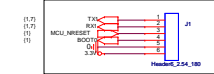
RESET

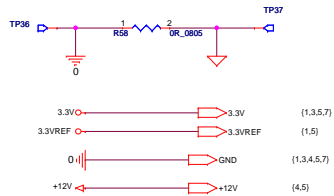
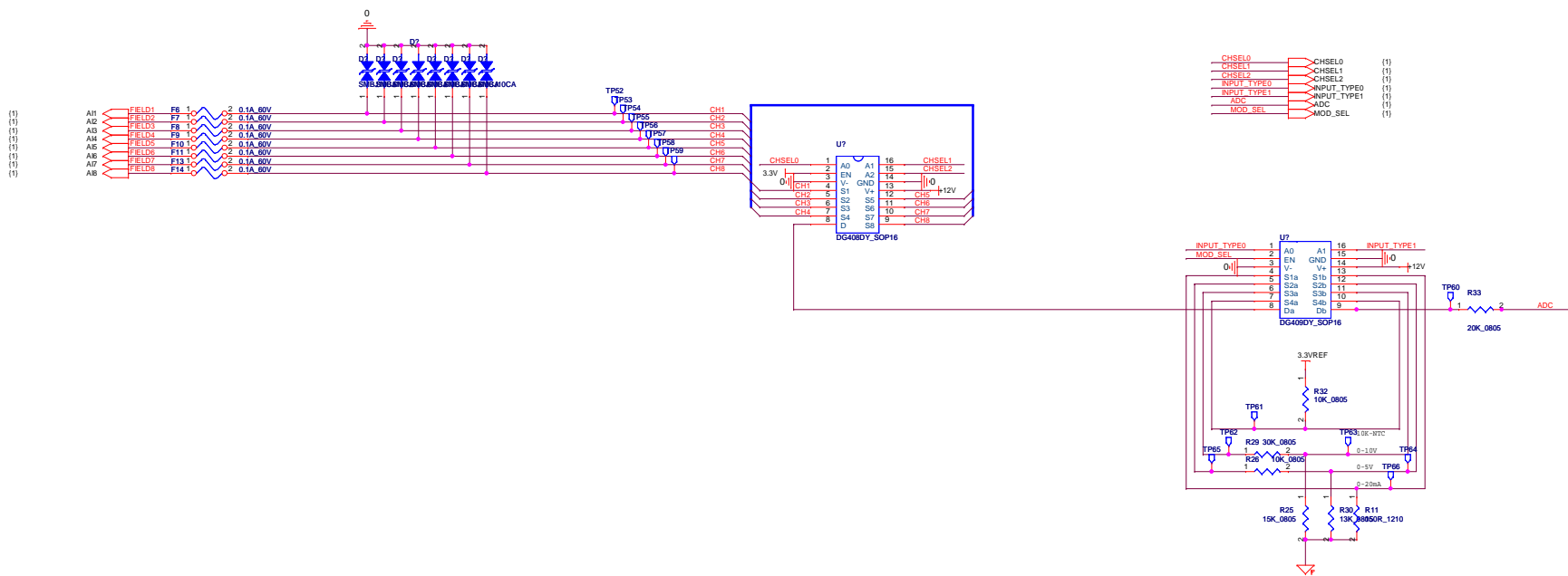


SDIO BUS



MCU DEBUG PORT

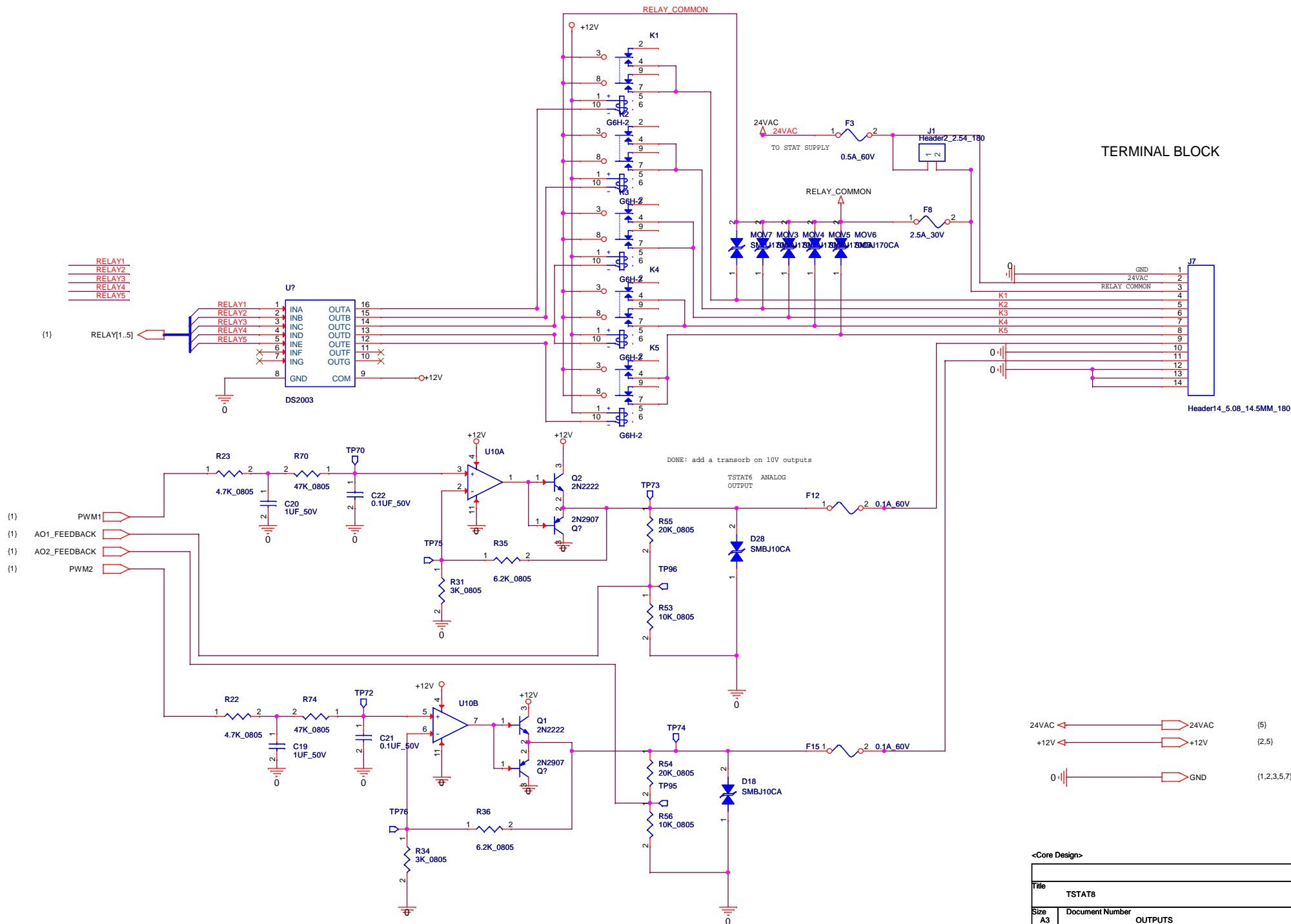


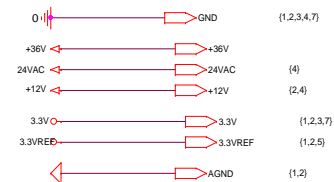
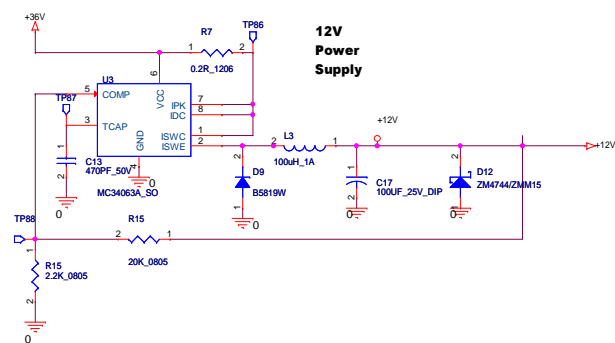
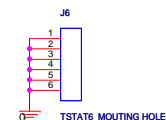
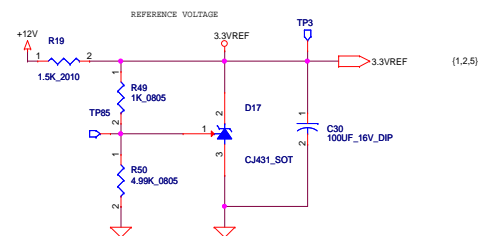
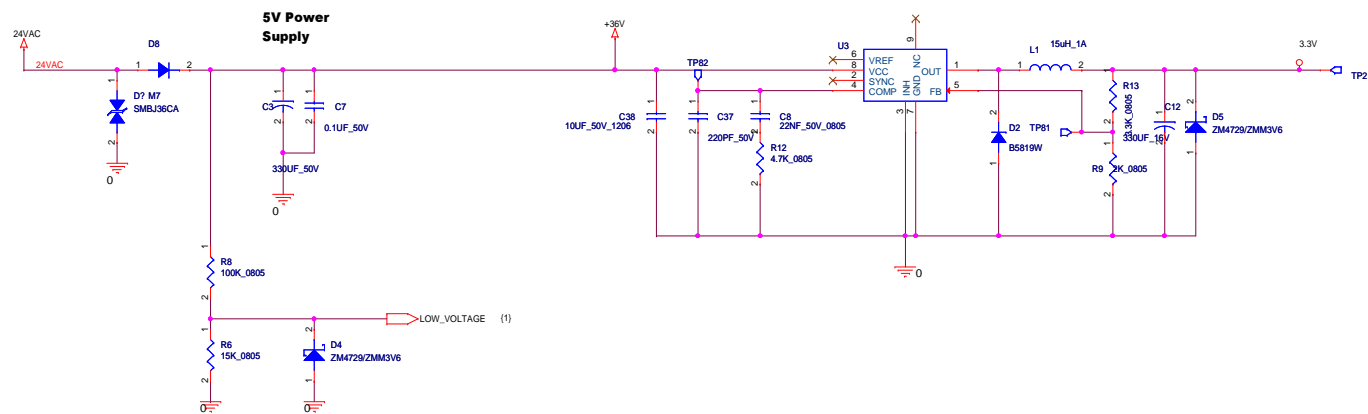


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	KeypadDisplay&Connector		
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REV 0

DONE: Remove the PIC chip

DONE: Change the main chip use ARM7(CORTEX)

DONE: add filter in front of the PWM AMP

DONE: add the driver chip(ULN2003) in front of relays

DONE: change the REF from 5V to 3V

REV 1

TBD: change the programmer header serial prot with UART1

TBD: backlight control transistor need to connect to main cpu

TBD: LCD connector need to be reversed

TBD:C3 too big

TBD: change HUMSensor module to onboard

TBD: PIR move to middle

REV 2

Done: connect 3.3VREFto pin 21 and GND to pin20

DONE: Fix LCD footprint, no copper

DONE: add LCD holder footprint

DONE: change AT24C02 to AT24C16

DONE: change AT24C16 and STM32F103VE power supply VDD33A to 3.3V

DONE: Output change to push-pull circuit

DONE: htu21d VDD pin is not connected

DONE: change R38&R40 to 6.2K

DONE: change C21&C22 to 1uF

DONE: change C23&C24 to 0.1uF

Done: 8MHz crystal change to small footprint

DONE: Move LCD holder, LCD connector, PIR sensor

DONE: Update the PIR sensor circuit

DONE: Modify UP and DOWN key silkscreen

REV3

Done: change to Tstat8 color display

Done: FOR ICT

Done: fix keyboard main connector footprint

Done: 3.3VREF change to 3VREF

Done:Add feedback from A0

REV4

TBD: make a new WIFI module (SDIO BUS)

Modify connector PIN define for WIFI module

TBD: REALY 3 change from PC8 to PB4.

REALY 4 change from PC9 to PB5.

LCD_WR change from PD2 to PB6.

REV4.1

Done: 修改PIR SENSOR电路

REV4.2

Done: 修改PIR SENSOR电路

REV4.3

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