LCD 12864

P5

GND VCC VO RS RW E DB0 DB1 DB2 DB3 DB4 DB5 DB6 DB7 PSB NC RST NC LEDA LEDK

LCD RS RW E D0 D1 D2 D3 D4 D5 D6 D7 LCD RST LCD

GND GND

R28 10
R29 1K Q4 8550 VCC
PWM
LCD+ R33 1K Q5 8550 VCC
LCD

JD1 TQ-2
5V 4
5_3V 2
GND
V5 3
5V 10
1

R35 1K Q7 8550 Q6 NPN
DATA R47 1K
R48 4.7K
DATA_H
R36 10K
+5.3V
GND

R43 1K Q9 8550 Q8 NPN
RST1 R41 1K
R42 4.7K
RST1_H
R11 10K
+5.3V
GND

C30 104
U6 SC8035
Vreg BUSY
PWM2 PWM2
PWM3 PWM3 PWM1 DATA
VDD RST
VSS
DATA_H
RST1_H
C5 104 +5.3V
GND GND

V5 R23 2 +5.3V

PWM2 PWM3 SOUND

Y3 32768
C24 15P
U12 PCF8563
X1 VDD
X2 CLK
/INT SCL
VSS SDA
RTC_INT
RTC_SCL
RTC_SDA
D8 IN4148
VCC
D9 IN4148
BT1 3V
C25 104
C26 10uF
GND GND GND

R30 0
GND VSS

C1 12P Y2 8M C2 12P
GND

D7 IN4148
R1 100K
C6 104
GND

J1 JTAG
TDO 1 2
TDI 3 4
TMS 5 6
TCK 7 8
GND 9 10
RST 11 12
13 14
VCC C3 104 GND

R26 4.7K R27 4.7K R25 4.7K
RTC_SCL
RTC_SDA
RTC_INT
VCC
6V D1 5_3V IN4007

V33 Q1 8550 R34 4.7K
kaiguan
VCC

R3 200K
P6.0
R4 100K
6V
GND

5V J4
1
2
5V GND

6V J3
1
2
GND

U3 DS18B20
VDD
I/O
GND
R5 4.7K VCC
DS18B20
GND

MSP430F149IPM

AVcc DVss AVss P6.2/A2 P6.1/A1 P6.0/A0 RST/NMI TCK TMS TDI TDO/TDI XT2IN XT2OUT P5.7/TBoutH P5.6/ACLK P5.5/SMCLK

64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49

DVcc 1
P6.3/A3 2
P6.4/A4 3
P6.5/A5 4
P6.6/A6 5
P6.7/A7 6
VREF+ 7
XIN 8
XOUT/TCLK 9
VeREF+ 10
VREF-/VeREF- 11
P1.0/TACLK 12
P1.1/TA0 13
P1.2/TA1 14
P1.3/TA2 15
P1.4/SMCLK 16

DS18B20
RTC_SDA
RTC_SCL
RTC_INT
RAM_CLK
RAM_DATA
VCC

32768 Y1

P5.4/MCLK 48 D4
P5.3/UCLK1 47 D3
P5.2/SOMI1 46 D2
P5.1/SIMO1 45 D1
P5.0/STE1 44 D0
P4.7/TBCLK 43 E
P4.6/TB6 42 RW
P4.5/TB5 41 RS
P4.4/TB4 40 PWM
P4.3/TB3 39 LCD+
P4.2/TB2 38 RST1
P4.1/TB1 37 DATA
P4.0/TB0 36
P3.7/URXD1 35 PWM1
P3.6/UTXD1 34 kaiguan
P3.5/URXD0 33 RXD0

P1.5/TA0 P1.6/TA1 P1.7/TA2 P2.0/ACLK P2.1/TAINCLK P2.2/CAOUT/TA0 P2.3/CA0/TA1 P2.4/CA1/TA2 P2.5/Rosc P2.6/ADC12CLK P2.7/TA0 P3.0/STE0 P3.1/SIMO0 P3.2/SOMI0 P3.3/UCLK0 P3.4/UTXD0

17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

LED1 LED2 LED3 P2.0 P2.1 P2.2 P2.3 P2.4 P2.5 P2.7 FLASH_CS FLASH_SI FLASH_SCK FLASH_SO TXD0

U4 24CXX AT24C04
A0 1 VCC 8
A1 2 WP 7
A2 3 CLK 6
GND 4 DATA 5
VCC C9 104 GND
R31 10K R32 10K
RAM_CLK
RAM_DATA
VCC
RAM_CLK
RAM_DATA

RAIN1 J5
1
2
GND

VCC RST MAX809
1 VCC
2 GND
3 RST
GND RST

VCC R17 10K R18 10K R19 10K R20 10K R21 10K R22 10K
P2.0 P2.1 P2.2 P2.3 P2.4 P2.5

VCC J7
1 2
3 4
5 6
7 8
9 10
11 12
13 14
GND
P2.5 P2.4 P2.3 P2.2 P2.1 P2.0
LED3 R44 470
LED2 R45 470
LED1 R46 470

V5 D2 1.5KE18
GND

Speaker LS1
PWM1 R49 1K Q2 NPN
Q3 NPN V5
R9 4.7K
GND

FLASH AT45DB041D-SU
FLASH_SI 1 SI VCC
FLASH_SCK 2 SCK /WP
3 /RS SO
FLASH_CS 4 /CS GND
VCC C17 104 GND
FLASH_SO
GND

VCC R37 4.7K R38 4.7K R39 4.7K R40 4.7K
FLASH_SI
FLASH_SCK
FLASH_CS
FLASH_SO

U8 SP3232EEN
C18 104 1 C1+ VDD 2 C20 104
3 V+
4 C1- VCC 16
5 C2+ V33
C19 104 C2-
TXD0 11 T1IN T1OUT 14 TXD
10 T2IN T2OUT
RXD0 12 R1OUT R1IN 13 RXD
9 R2OUT R2IN 8
15 GND VEE 6 C21 104
GND GND

TXD RXD J6
1
2
3
232
GND

V5 R6 330 D12 IN4148
RAIN1
U5 TLP521-1
1 4
2 3
VCC R8 10K
R10 51 P2.7
C10 104
GND GND

POW1 HT7533
VCC V5 VIN VOUT VCC
C33 10uF GND C34 10uF
GND

南京易周翻斗报警器
2012-08-09

GND
TX
Rx