

CT107D

1.0

• •
% • •

CT107D

1 • •

40 51
40 AVR

2 • •

LED
8 8
LCM1602 12860

3 • • /

4y 4

4 • •

1838

DS18B20

5 • •

USB 5V

6 • •

USB PC

I2C I2C

7 • • /IO

8255
EEPROM AT24C02

8 . .

USB

USB

9 . A/D D/A

PCF8591A/D D/A

8

4

A/D

D/A

10 . .

555

200Hz

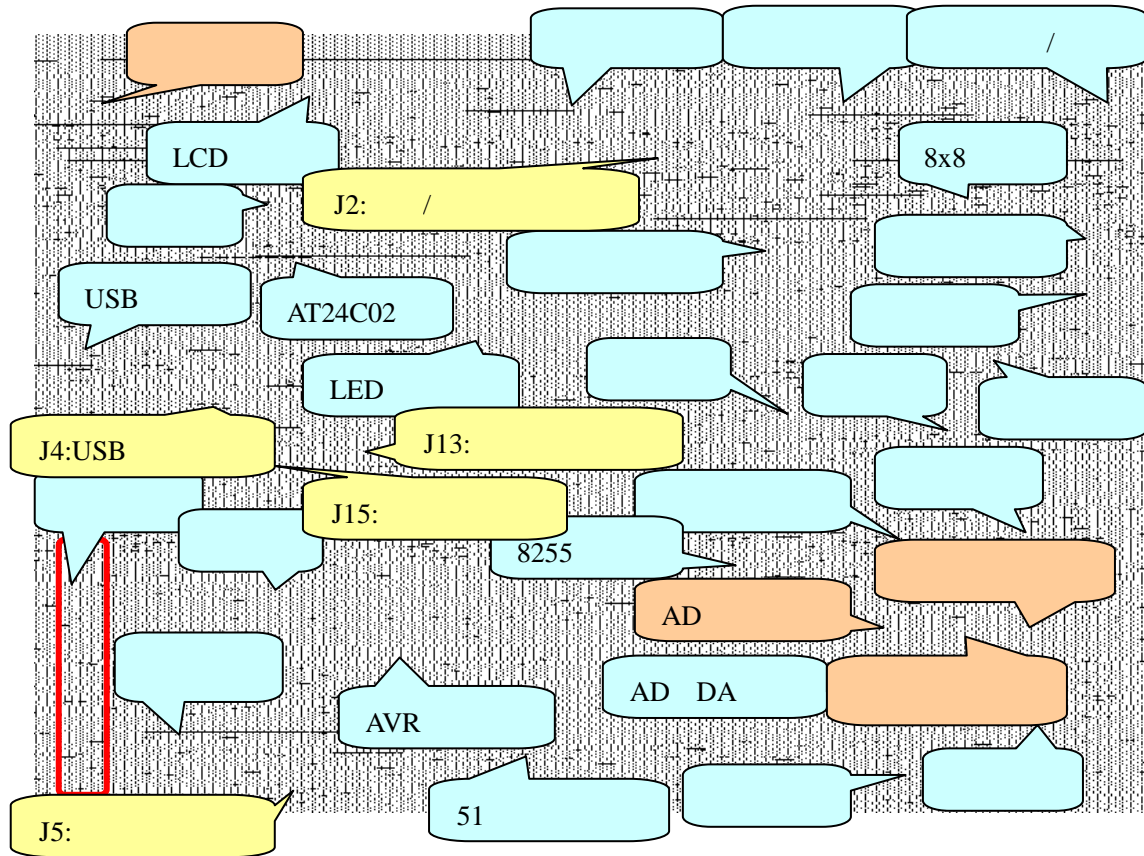
20Khz

11 . .

138

I/O

&"



..

FDK	#	#	>&&
1	3	2	4
5	3	6	4 /
(2)	USB	J4	
1	2	UART	USB
2	3	PROG	USB AT89S52
(3)		J5	
1	2	4x4	
2	3	4	
(4)		J13	
1	2		
2	3	I/O	

(5)

J15

1 2 51

2 3 AVR

"

.

.

Rb1

Rb2 A/D

Rb3

Rb4

)"

.

.

(1)

1 00~07 P0 P10~P17

P1 P20~P27 P2 P30~P37 P3 ALE

ALE ALE Atmega16 AREF



(2) /

2
HALL
P24 51 P24
1WIRE
MOT
A B C D
SPK
SIGNAL
P34 51 P34
A/D
D/A



2.

(3)

3
GND VCC
IN+ IN-

3.

★" . .

1 51 P0

	1
P0.0	
P0.1	
P0.2	
P0.3	
P0.4	
P0.5	
P0.6	
P0.7	

2 51 P1

	1	2
P1.0		
P1.1		
P1.2		
P1.3	DS1302 RST	
P1.4	1wire	
P1.5	MOSI	
P1.6	MISO	
P1.7	SCK	DS1302 SCK

3 51 P2

	1	2	3
P2.0	LCD RS	LCD RS	I2C SCL
P2.1	LCD RW	LCD RW	I2C SDA
P2.2	8255 A0	LCD	
P2.3	DS1302 IO	8255 A1	
P2.4			
P2.5	138 A		
P2.6	138 B		
P2.7	138 C		

4 51 P3

	1	2	3
P3.0	1	RXD	1
P3.1	2	TXD	2
P3.2	3		3
P3.3	4		4
P3.4			4
P3.5			3
P3.6			2
P3.7			1

5 138

Y0	
Y1	
Y2	
Y3	8255 CE
Y4	LED
Y5	UNL2003
Y6	
Y7	

6 U9 UNL2003

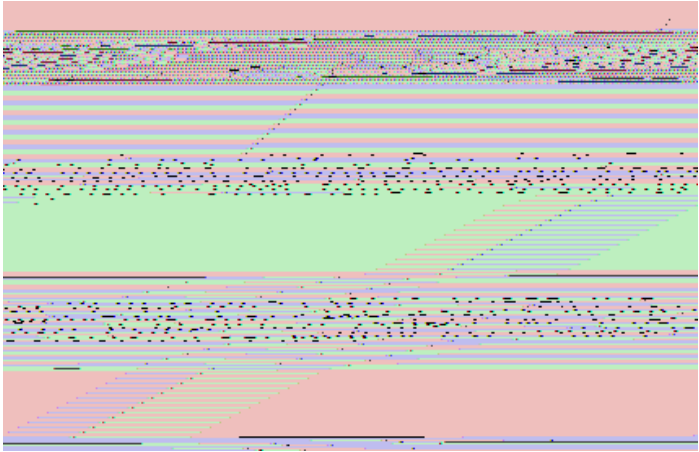
0	A
1	B
2	C
3	D
4	
5	
6	
7	

7 A/D

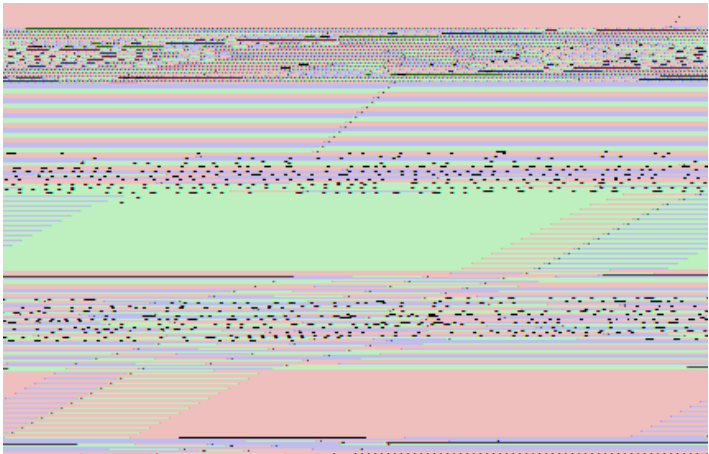
0	
1	
2	
3	

1.

(1) CH341SER.INF Install USB



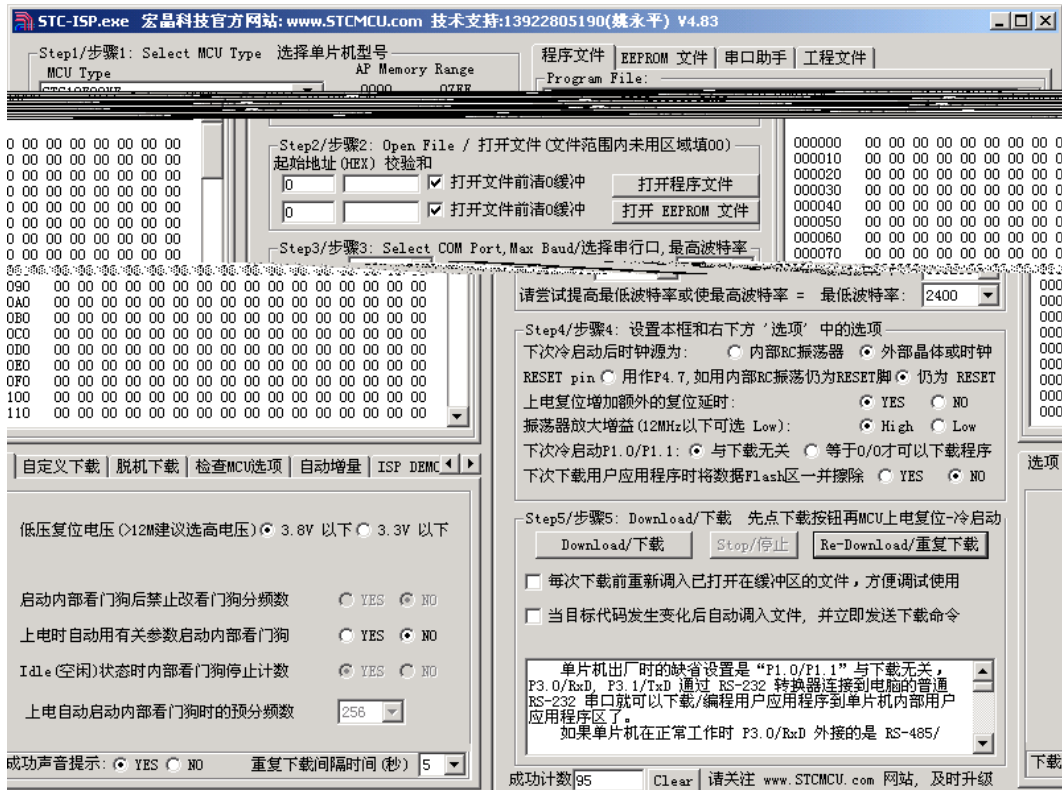
(2) CH341PAR.INF Install USB



2.

(1) STC-ISP

STC_ISP_V483.exe

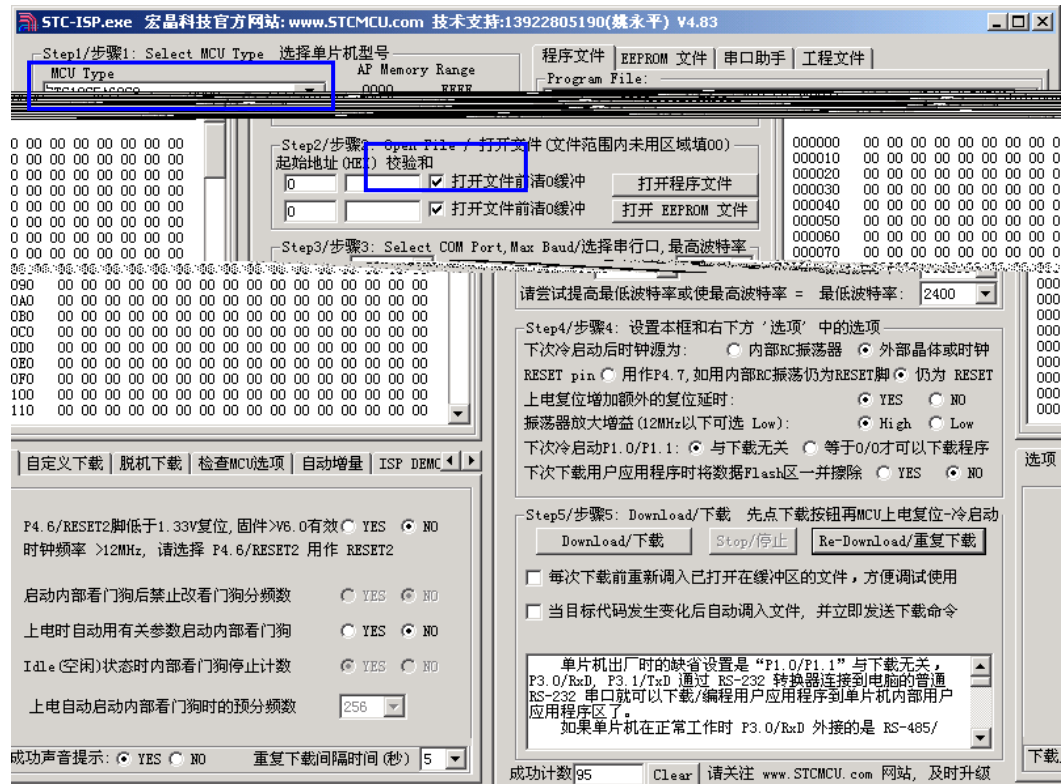


(2) MCU Type
HEX

MCU

STC89C52RC

SCT12C5A60S2



(3) USB CT107D

