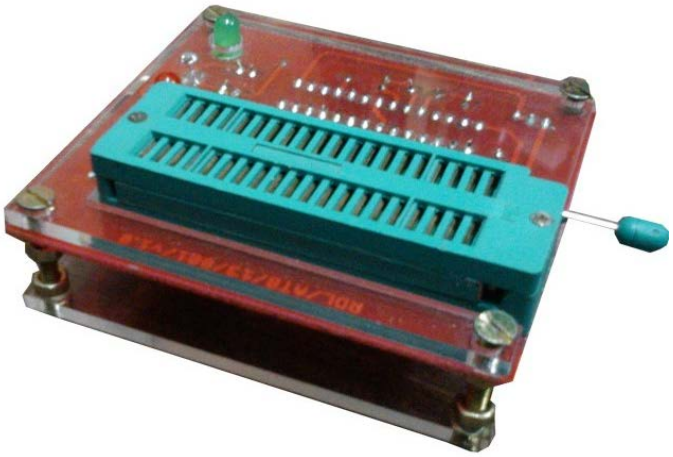
# 8051 PROGRAMMER-USB



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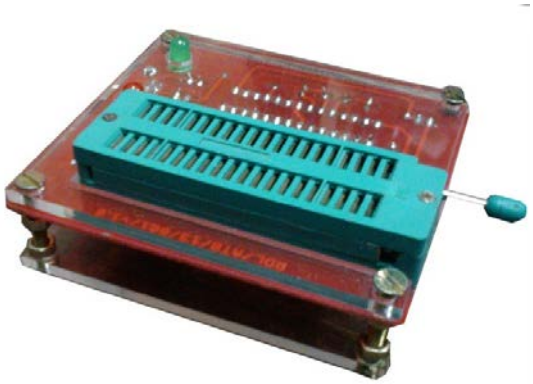
# OVERVIEW

## INTRODUCTION



8051 USB programmer supports 7 Atmel 8051 microcontrollers. It is a reliable tool for fast programming of 8051 devices.

## FEATURES

- Works under multiple platforms. Linux, Mac OS X and Windows are tested.
- No special controllers or smd components are needed.
- Programming speed is up to 5kBytes/sec.
- SCK option to support targets with low clock speed (< 1,5MHz).
- You can program the following 89 series chips by using this programmer:AT89S51, AT89S52, AT89S53, AT89S8252, AT89S8253, AT89S2051, AT89S4051.
- High quality PCB FR4 Grade with FPT Certified.

## INSTALLATION PROCEDURE

Download the driver

http://researchdesignlab.com/8051-programmer-usb.html

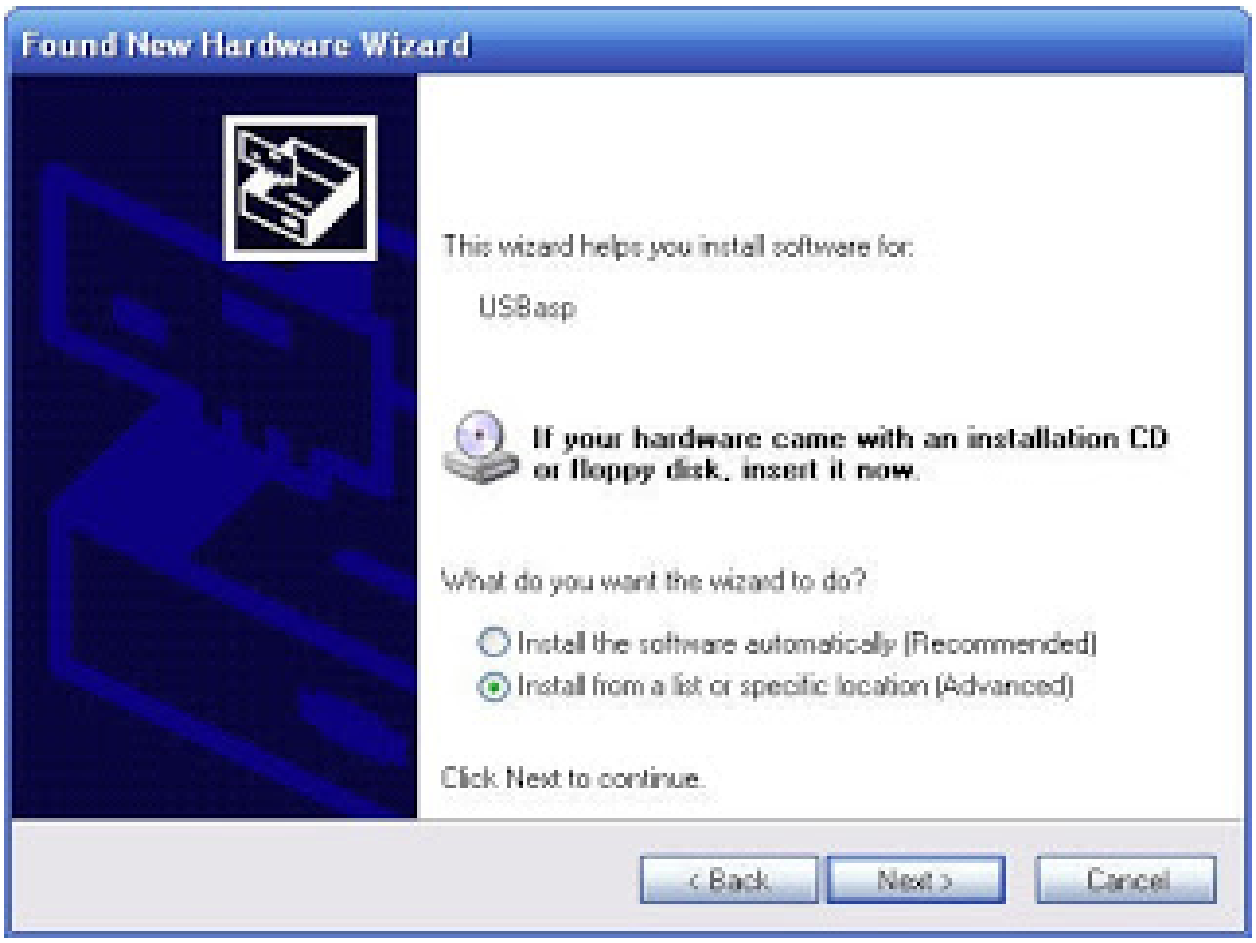
1)Insert the programmer into the USB port

2)When the “New Hardware Wizard” dialog box is displayed, select “No, not this time”

3) Then click Next

4)Then click on “Install from a list of specific location (Advanced)” then click

Next

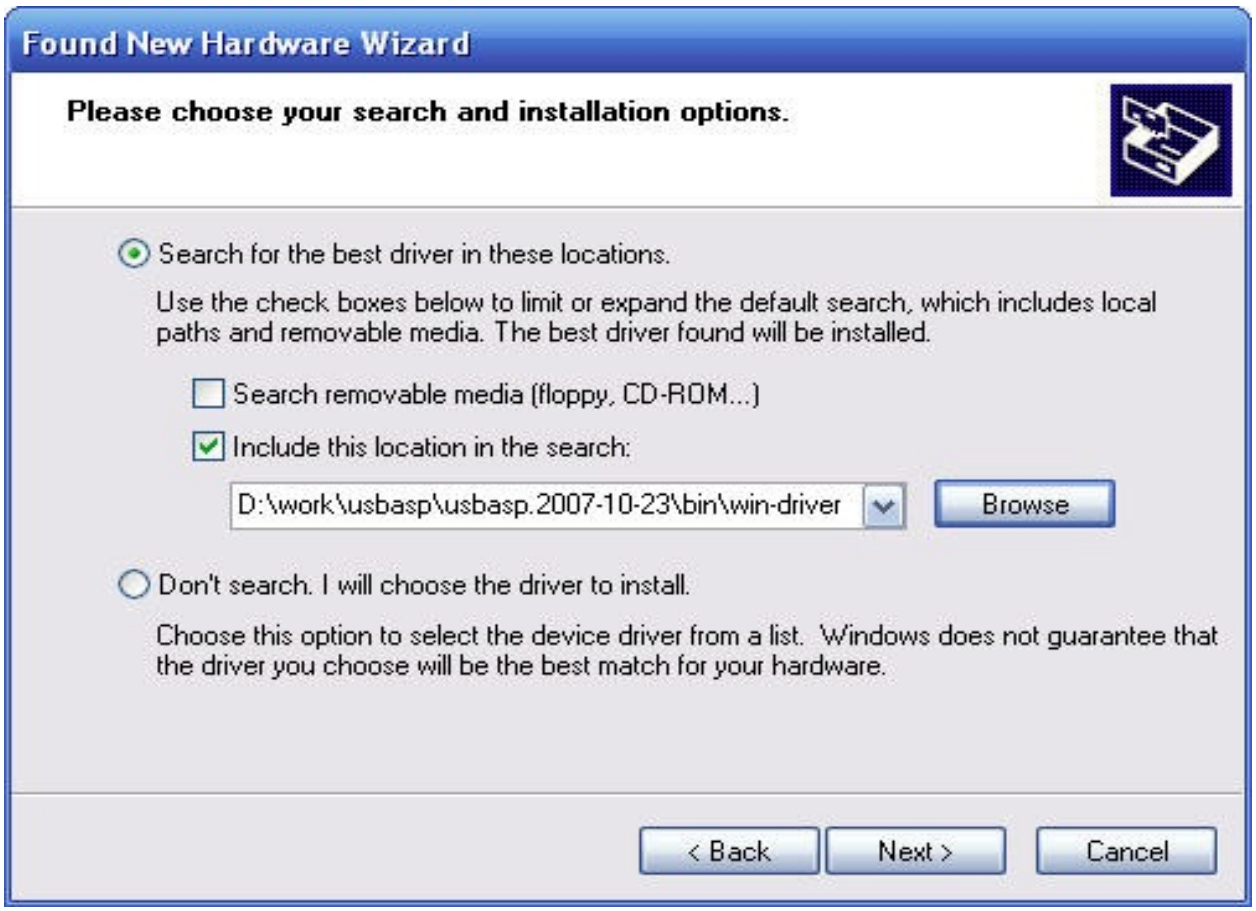



5)On the Search and Installation options page

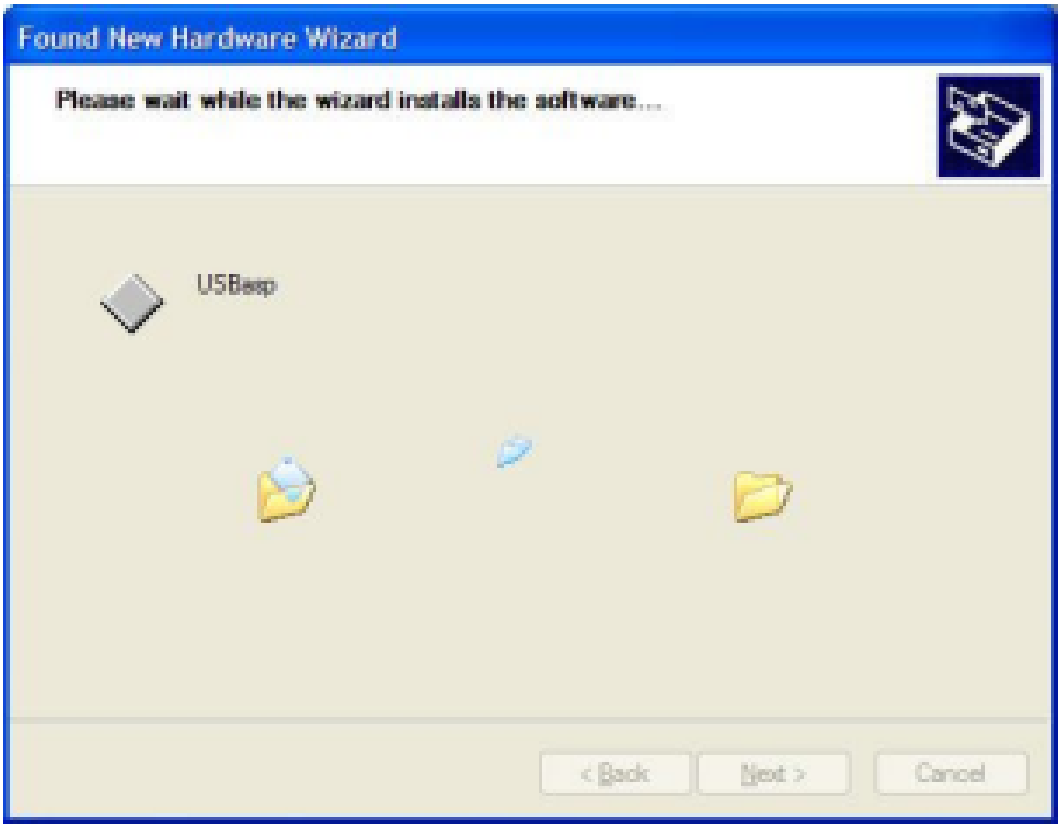
(a) Check if "Include this location in the search" is checked

(b) Click Browse and select the folder where you unzipped the USBasp drivers, then

(c) Clickon Next




6) Wait for the driver to install

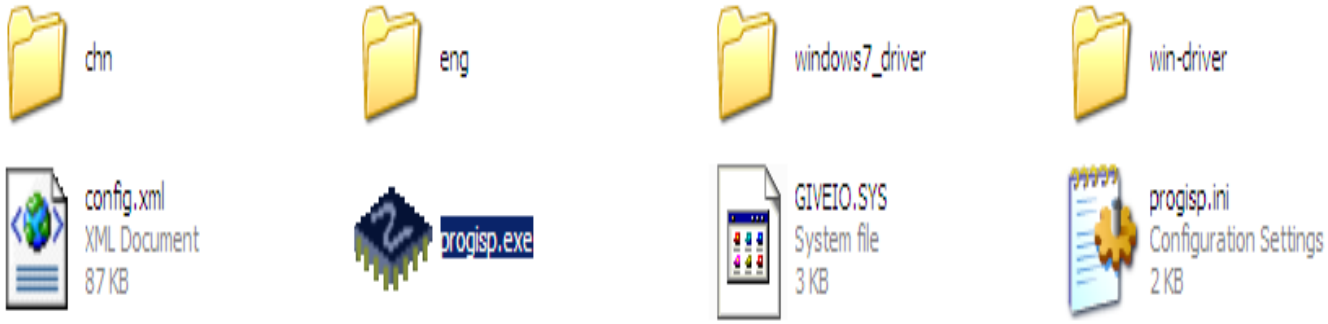


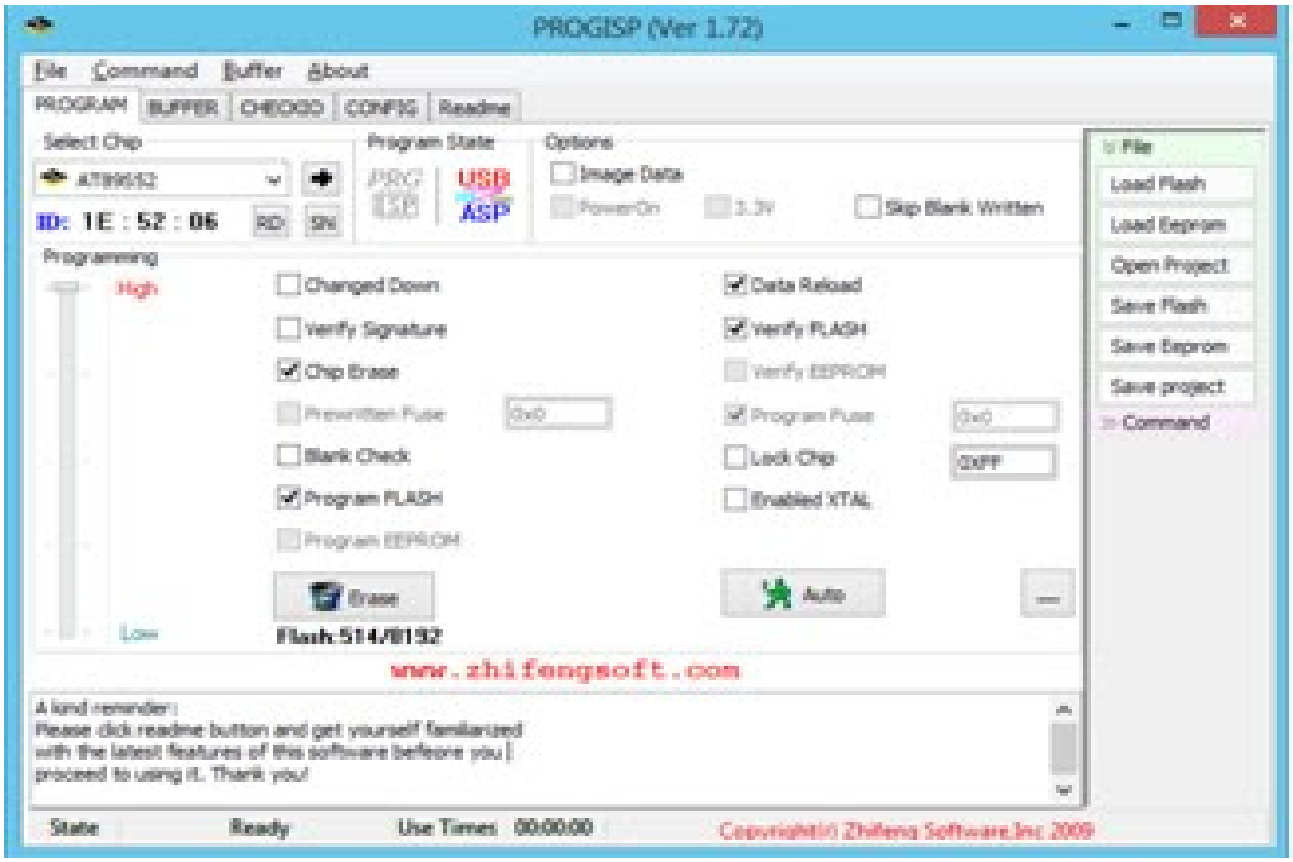

7)When the installation is complete, click on finish

Found New Hardware Wizard
Completing the Found New Hardware Wizard
The wizard has finished installing the software for:
USBasp
Click Finish to close the wizard.
< Back
Finish
Cancel

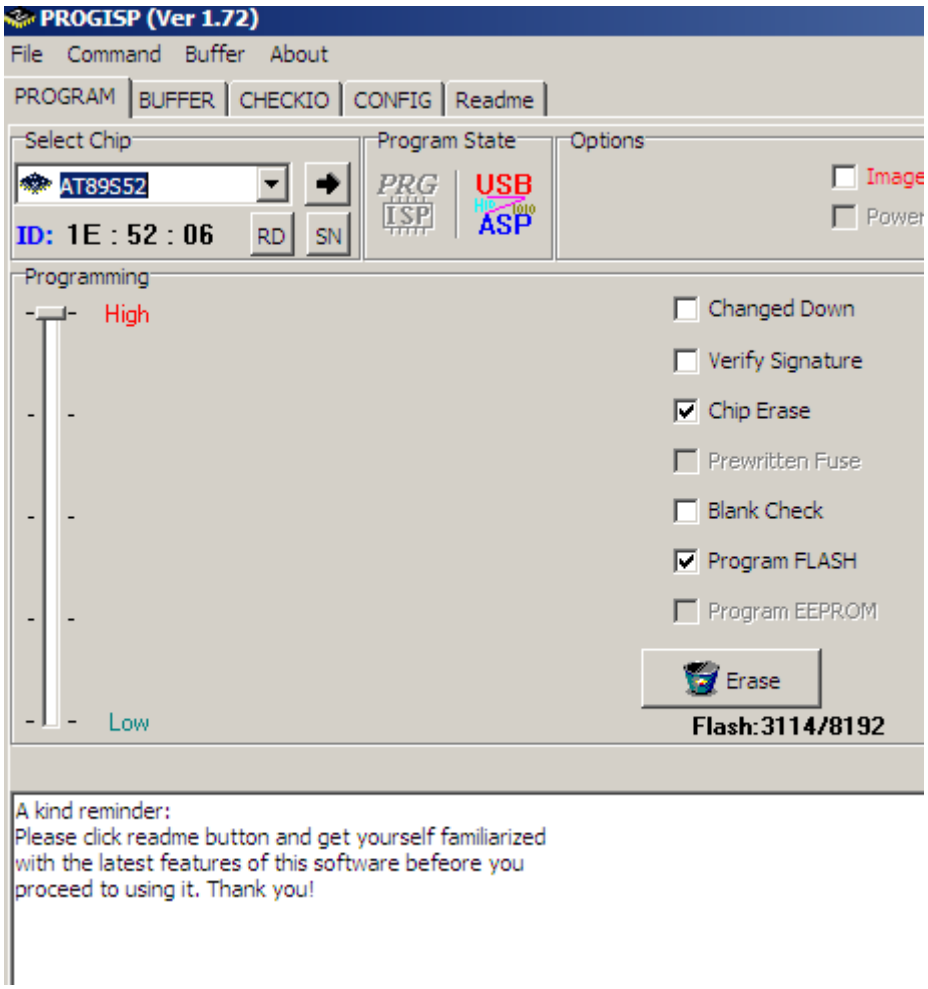
## PROGISP PROGRAMMER APPLICATION

Click on ->

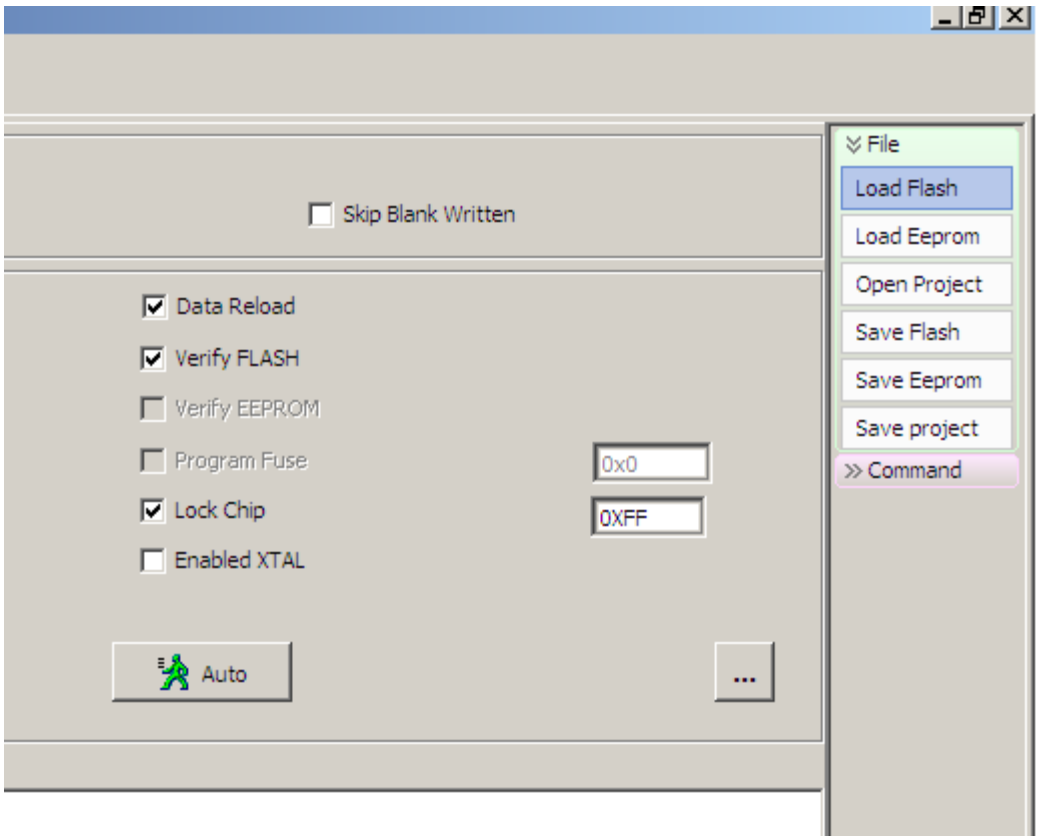


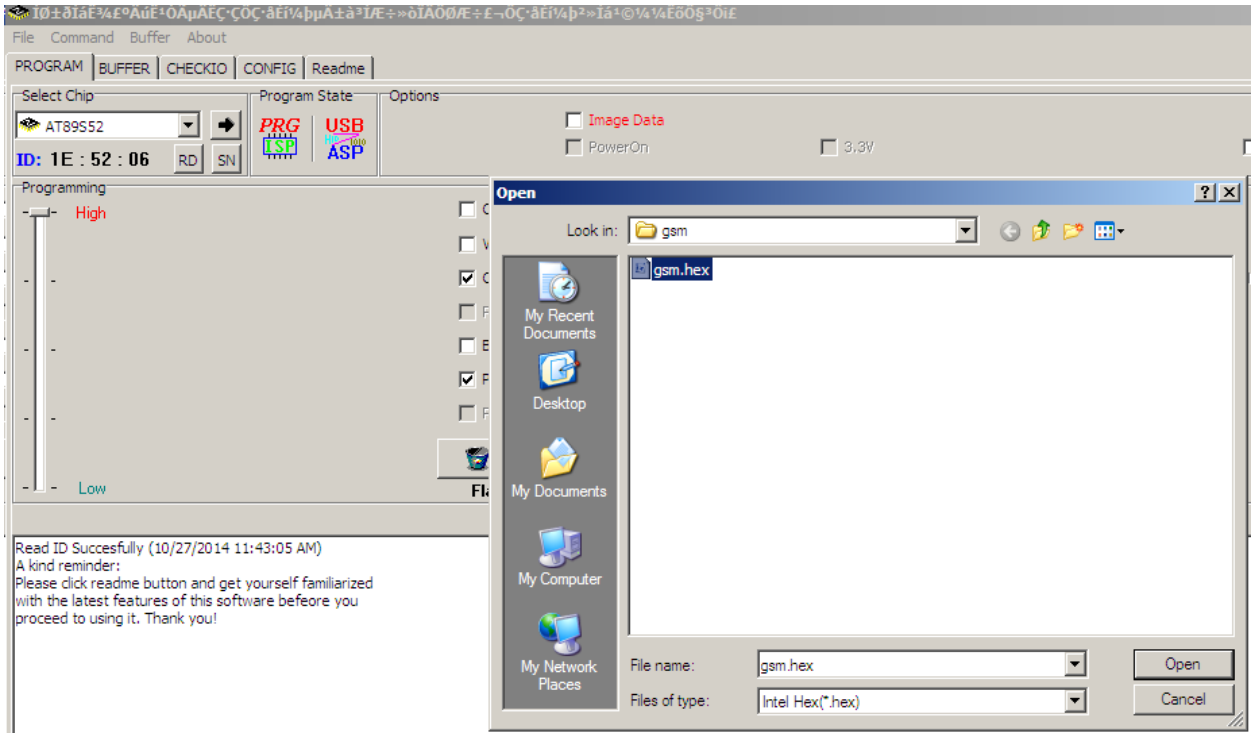




Choose chip AT89S52

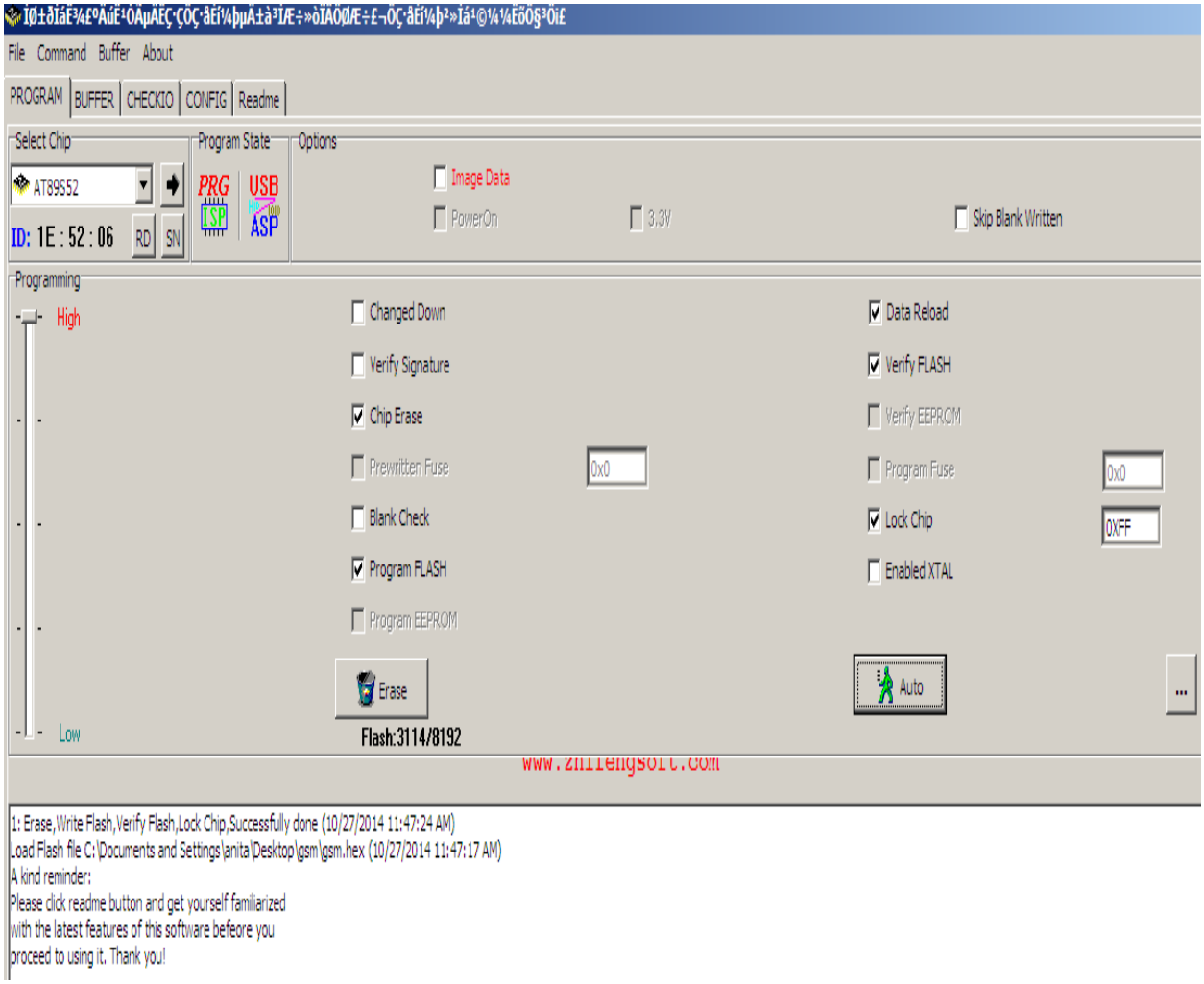



Click on Load Flash ,choose the hex file and click on open.


File
Load Flash
Load Eeprom
Open Project
Save Flash
Save Eeprom
Save project
Command
Skip Blank Written
Data Reload
Verify FLASH
Verify EEPROM
Program Fuse
0x0
Lock Chip
0XFF
Enabled XTAL
Auto
...

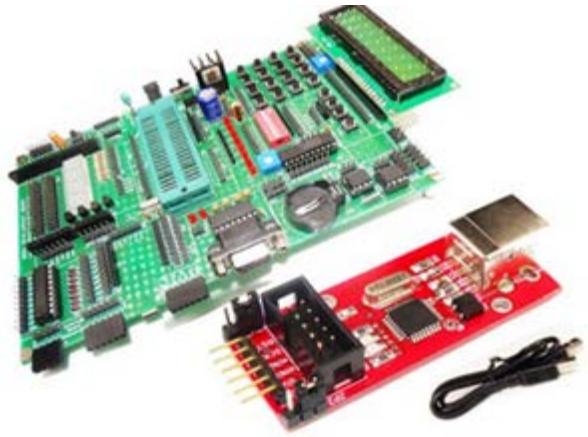

File Command Buffer About
PROGRAM BUFFER CHECKIO CONFIG Readme
Select Chip
AT89S52
ID: 1E : 52 : 06
RD SN
Program State
PRG
USB
ASP
Options
Image Data
PowerOn
3.3V
Programming
High
Low
Read ID Succesfully (10/27/2014 11:43:05 AM)
A kind reminder:
Please click readme button and get yourself familiarized
with the latest features of this software befeore you
proceed to using it. Thank you!
Open
Look in:
gsm
gsm.hex
My Recent Documents
Desktop
My Documents
My Computer
My Network Places
File name:
gsm.hex
Files of type:
Intel Hex(*.hex)
Open
Cancel

Click on Auto

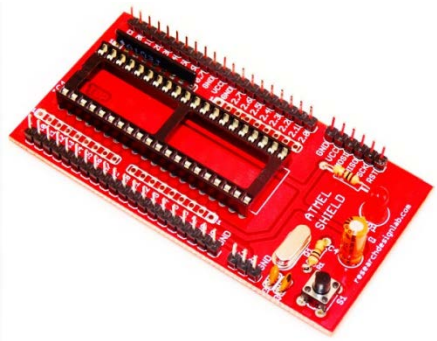


## RELATED PRODUCTS

### 8051 ATMEL Development Board



### ATMEL mini Project Board




### ATMEL Mini Project Board(blue)

### ATMEL Project Board