

HCLoad BootLoader


**HCLoad**

History

HCLoad is a Windows 95, 98 and NT 4.0 boot loader for many flavor of HC11. HCLoad is a solution for many students and hobbyists who look for a very low cost and powerful tool to program, erase, verify the EEPROM, EPROM, ROM of a HC11.

Features V6.0

In the HC11

- Check the communication between HCLoad and the PC
- Program/Verify/Compare/Erase the EEPROM of the HC11
- Program/Verify/Compare the EPROM of the HC11
- Program the config register of the HC11
- Download/Execute code in external RAM
- Upload any internal/external memory range to your PC in a S19 file 
- Program/Verify/Compare a external EEPROM

In the Xicor

- Modify the Software Data Protection
- program/Verify the EEPROM
- Modify the EEM register
- Modify the SFR register
- Reset the Xicor (if you mess your Xicor)

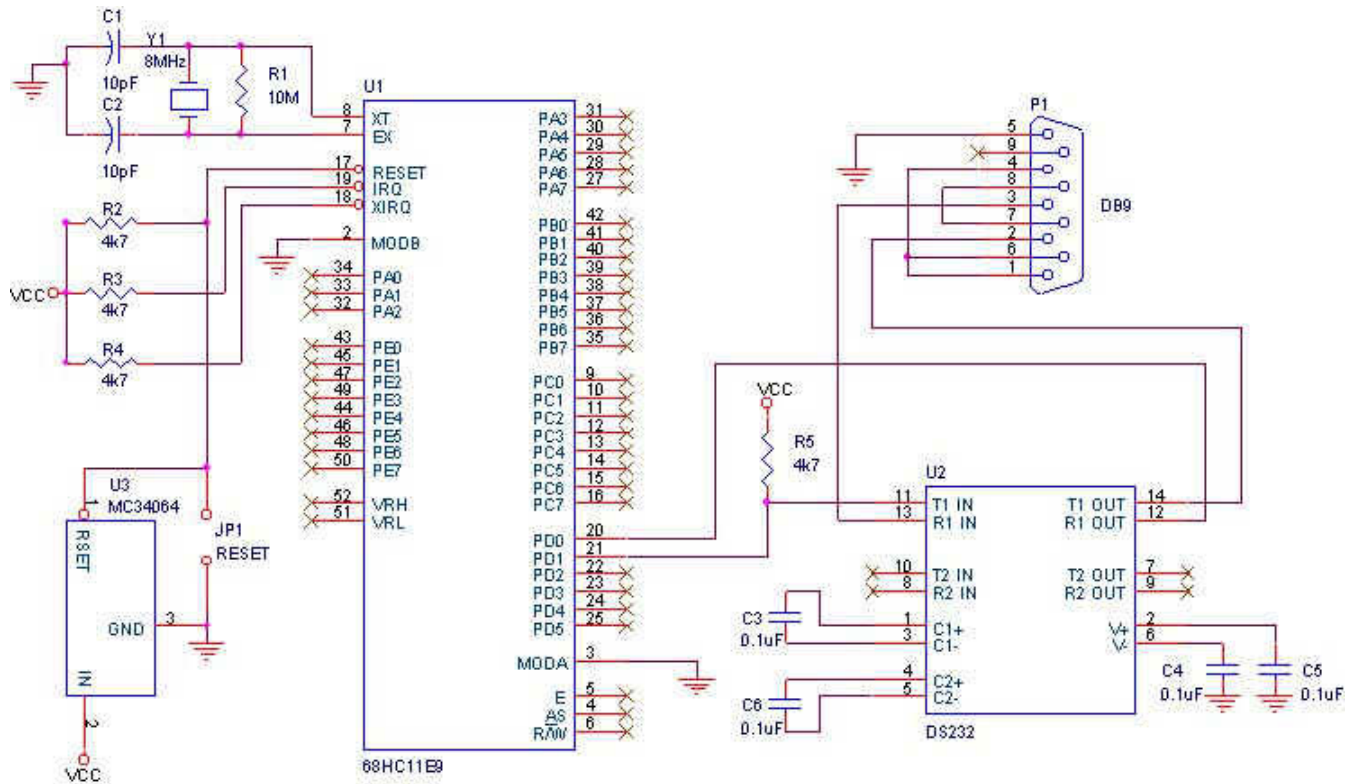
System Requirements

- Windows 95, 98 or NT 4.0
- 8 Megs of RAM (*16 Megs)
- 1 Meg of Hard disk space (+100K for additional plug-in)
- Minimum video resolution of 640x480 (*800x600) *: recommended settings

Download HCLoad TRIAL VERSION

[ORDER](#) HCLoad now at a budget price \$29.95can (\$20.00us)!

Hardware for HClload

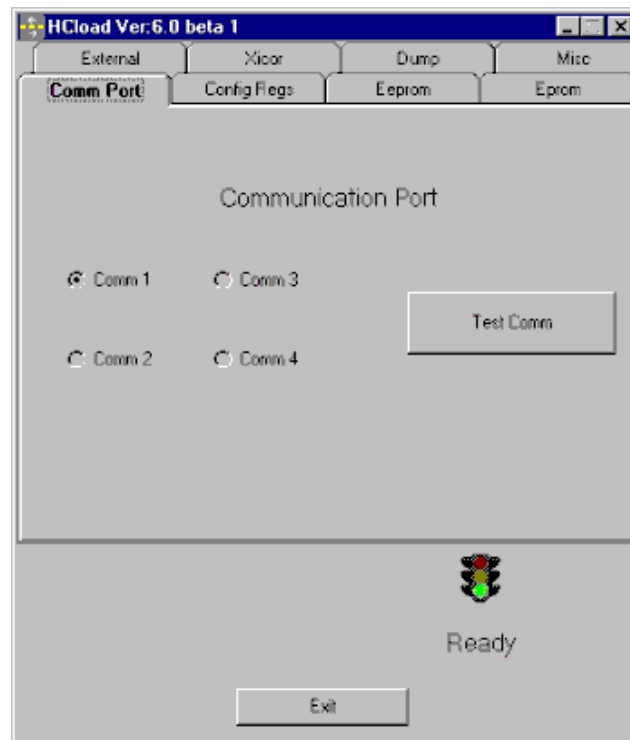


First Note:

Each time you want to make a action with HClload, you must reset your HC11, if the traffic light don't pass to green that's because you have a hardware problem.

Testcomm:

The first thing you must do is to setup the communication port of your PC that is connected to your HC11, after press on the testcomm, to be sure that the communication between your PC and your HC11 and the bootload function of the HC11 work properly.



EEprom:

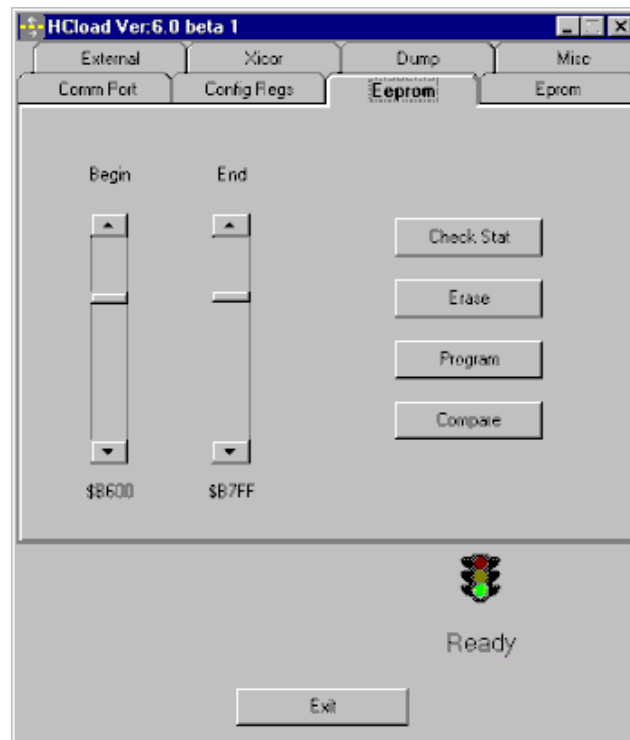
This part of HClload is to work with the internal EEprom of the HC11, you must setup the slider to determine the beginning and the end of your EEprom.

CheckStat: This function will told you if the EEprom is erase or program

Erase: This function will erase all the EEprom

Program: This function will program the EEprom with your S19 file (the eeprom must be erase before)

Compare: This function will compare the EEprom with a S19 file



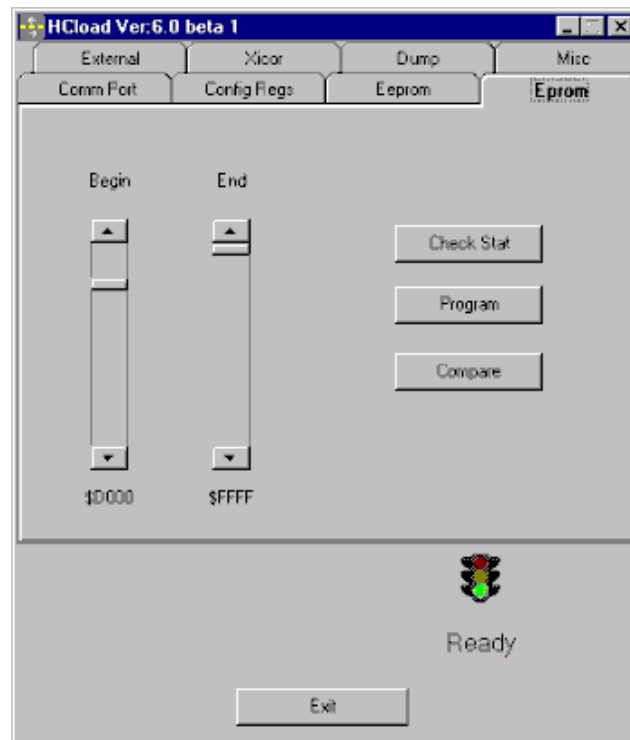
Eeprom:

This part of HClload is to work with the internal Eeprom of the HC11, you must setup the slider to determine the beginning and the end of your Eeprom.

CheckStat: This function will told you if the Eeprom is erase or program.

Program: This function will program the Eeprom with your S19 file (the eeprom must be erase before).

Compare: This function will compare the Eeprom with a S19 file.



Config Reg:

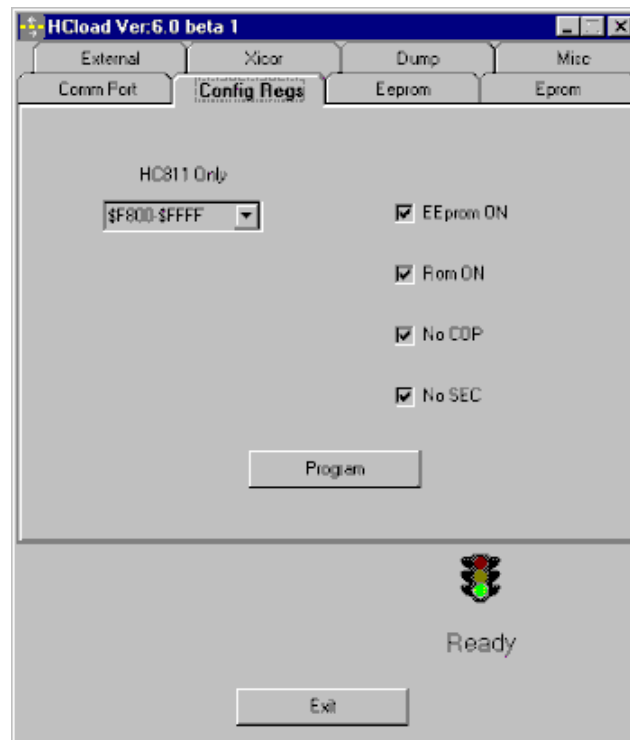
This part of HClload is to program the config register of your HC11.

EEprom on: if this is checked, the EEprom will be present in the memory map.

Rom on: if this is checked, the Rom will be present in the memory map.

No COP: if this is checked, Computer Operating Properly will not be enable.

No SEC: if this is checked, the Security is disable.



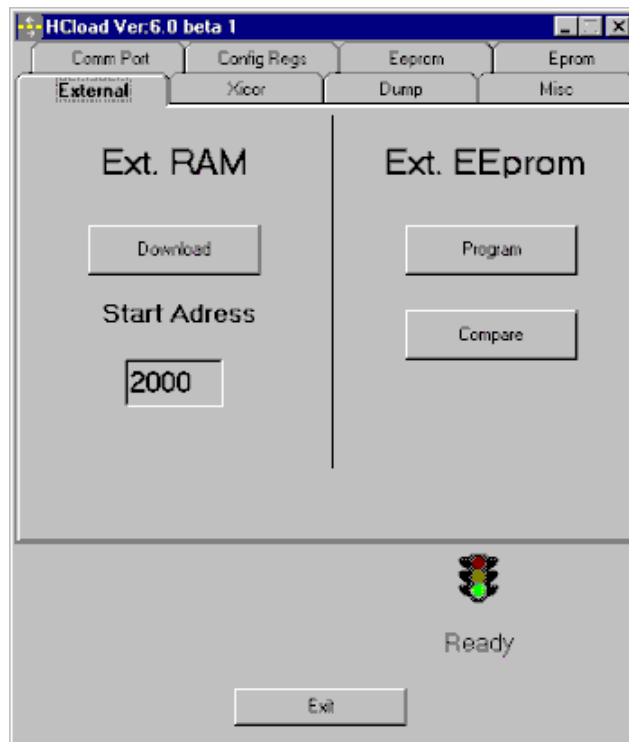
External:

This part of HClload is for work with external devices, RAM and EEprom.

Download: This function will download a S19 file in external RAM and Execute it at the specified address.

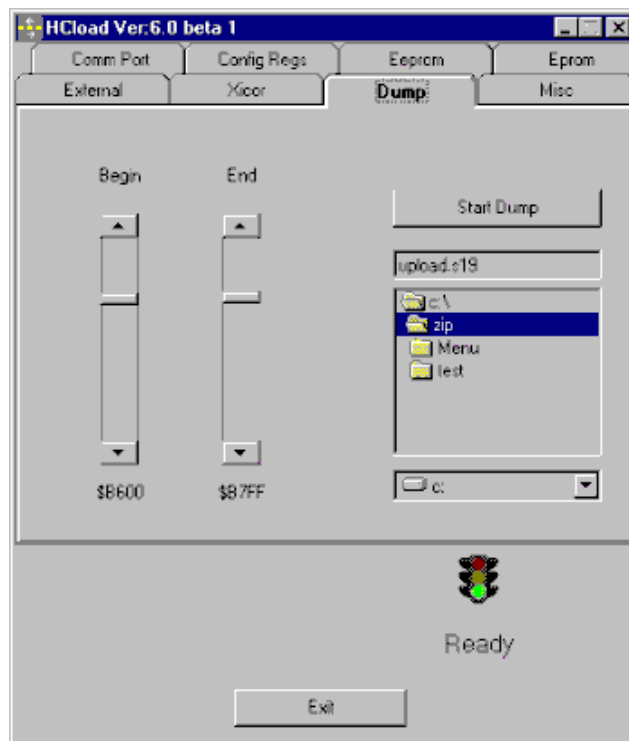
Program: This function will program the external EEprom with your S19 file.

Compare: This function will compare the EEprom with a S19 file.



Dump:

This part of HCloud is use to upload data from the HC11 memory (internal/external) to your PC in a S19 file format



Xicor:

This part of HClload is for work with external xicor 68C75, this devices is very strange, I had pass 2 month to write the code for, so you must know that the xicor don't care about the reset, so you must remove the power and put it back to make a real reset. Second never remove or apply the power with the pin WC at ground, that will corrupt the xicor.

Program SFR: This function will program the SFR register to the value you want.

Program EEM: This function will program the EEprom Map register to the value you want.

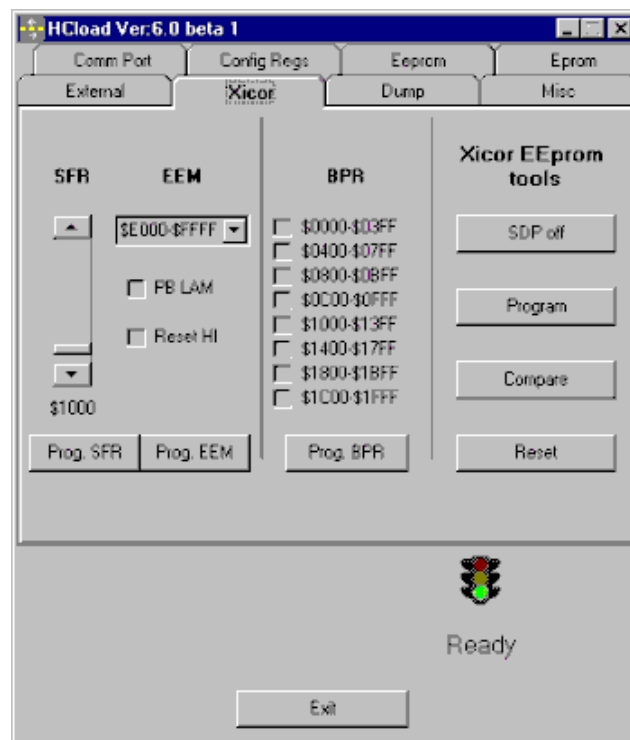
Program BPR: This function will program the Block Protect Register to the value you want.

SDP off: This function will remove the Software Data Protection

Program: This function will program the EEprom of the xicor with a S19 file.

Compare: This function will compare the EEprom of the xicor with a S19 file

Reset: This function will reset all the xicor register to SFR:\$8400 EEM:\$E000 BPR:\$00



Here is the right procedure to program your Xicor:

- WC to 1

- Put your HC11 in bootstrap mode
- Power on your board
- Reset your HC11
- WC to 0
- Press SDP off on HClload
- WC to 1
- Reset your HC11
- WC to 0
- Download your S19 file with HClload
- WC to 1
- Power off your board
- Put your board in extended mode
- Power on your board and your code is suppose to run....

Register:

This trial version of HClload give you 20 download. After this you must [buy HClload](#) at a **budget price** to unlock all the function. When you are a registrated user you will have **free access for life** to new release of HClload. To register HClload you just have to go in the Misc tab click on Register and send you payment to MicroSyl with your serial number of HClload (in this example the serial number is 828-3628) and MicroSyl will give you your keycode that you just have to enter once in the keycode box, and click on OK. If you keycode is good HClload will be fully functional.

If you uninstall & reinstall HClload the 20 trial download will not be reset. Don't try to redownload HClload that will not change anything...

