

Flash Magic User's Guide

For the first time user to upgrade ARAID 2200 HIC 2103 firmware

(1) Install "Flash Magic" into your PC first and then execute "Flash Magic", see picture 1.



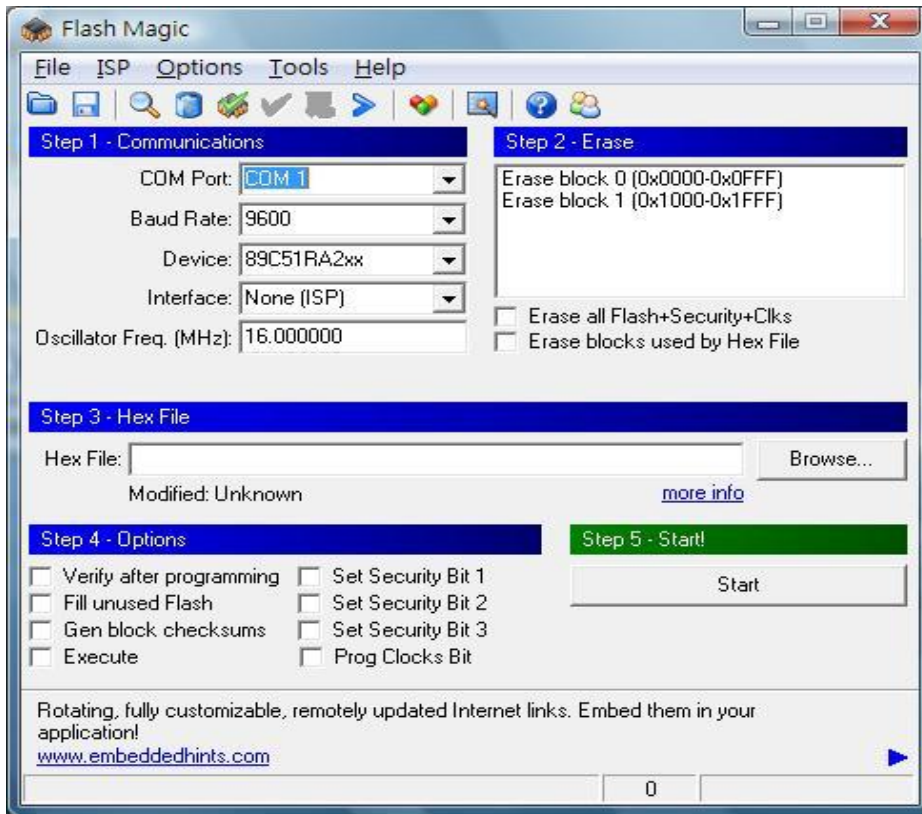
(picture 1)

(2) Flash Magic "Version" shows up on picture 2. The current Version is **3.23.120**.



(picture 2)

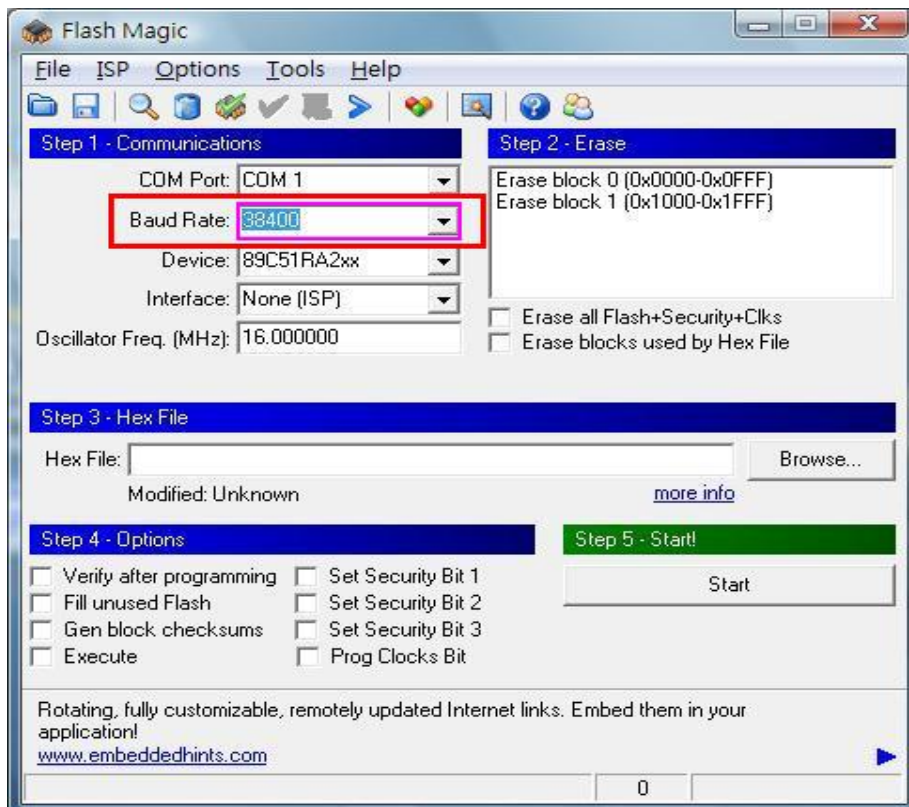
(3) “Flash Magic window” shows up as picture 3.



(picture 3)

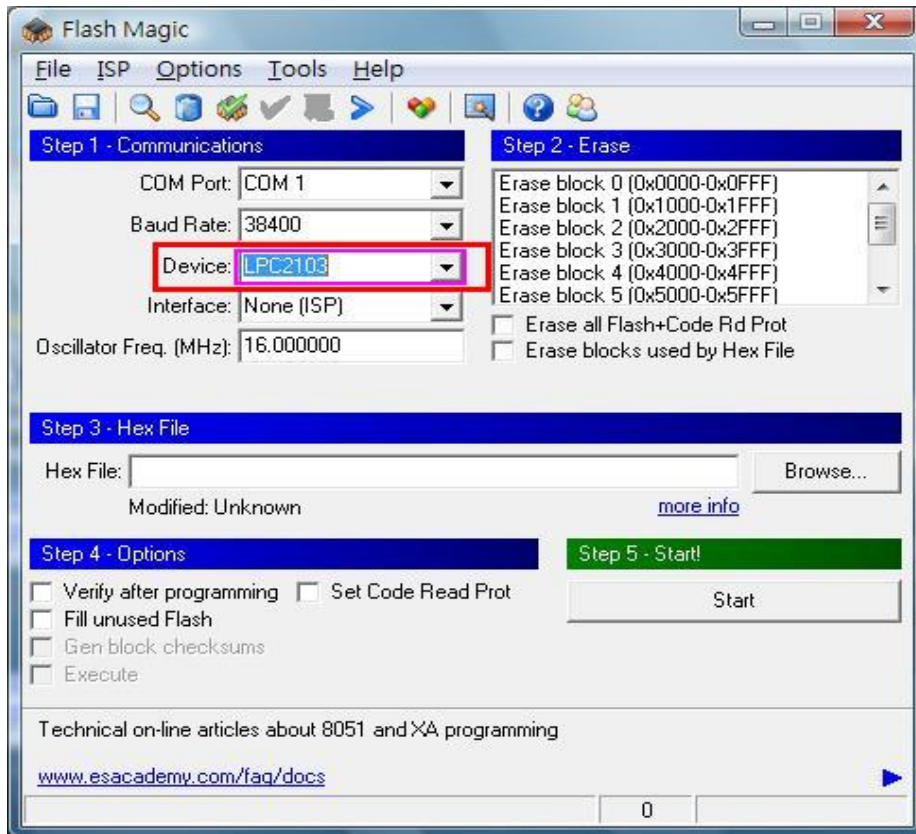
(4) Choose a proper COM port on your PC, such as **COM1**.

Choose **38400** of the “**Baud Rate**” menu to communicate with ARAID 2200, see picture 4.



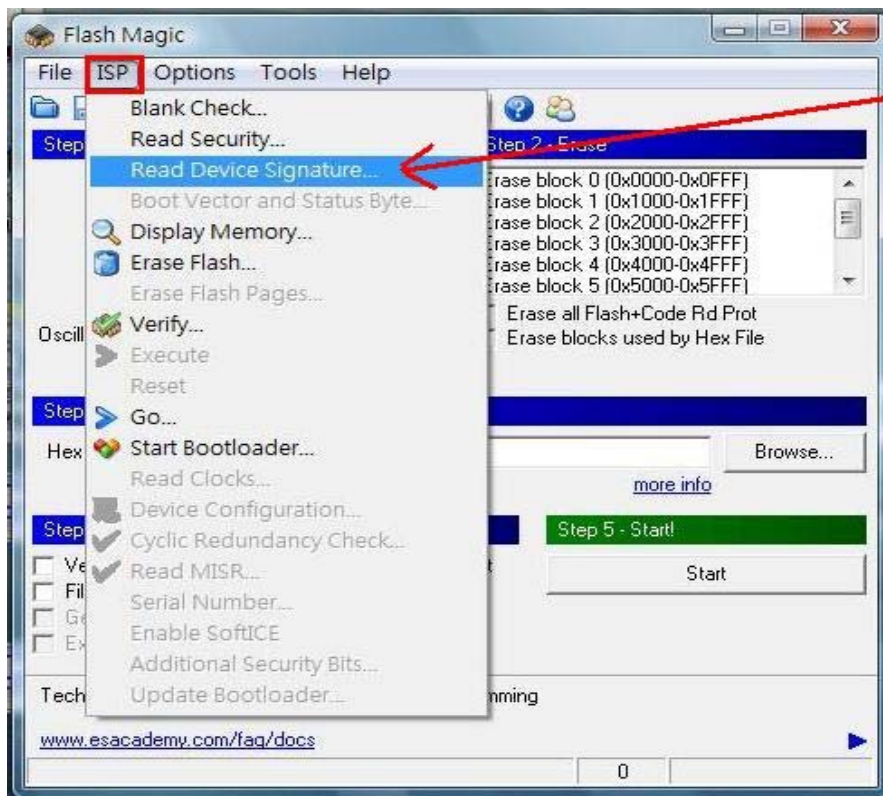
(picture 4)

(5) In “Device”, select from 89C51RA2xx to **LPC2103** this device, see picture 5.



(picture 5)

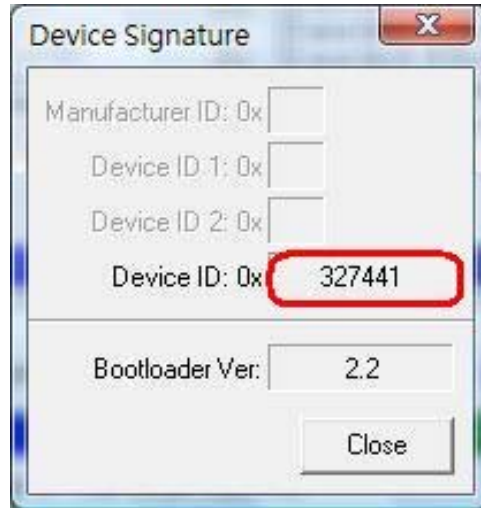
(6) Please click “Read Device Signature” under ISP, see picture 6.



click here

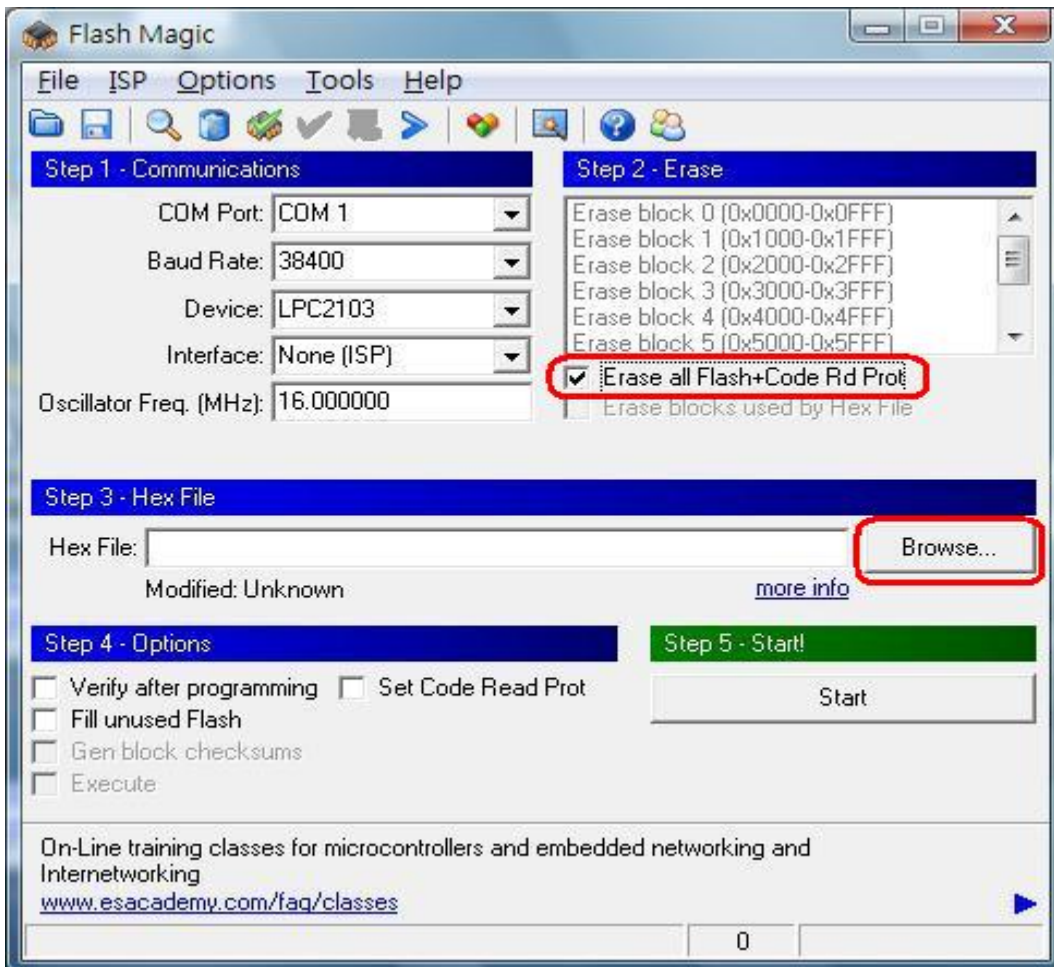
(picture 6)

- (7) In “**Device Signature**” window, if a value is shown in the “**Device ID**” box, such as **0x327441**, which means Flash Magic has detected **LPC2103**, see as picture 7.
(Note: If there is no number comes up in the Device ID box, please verify the “**Interface**” is “**None[ISP]**” and keyin “**12**” in the “**Oscilator Freq. [MHz]**” box.)



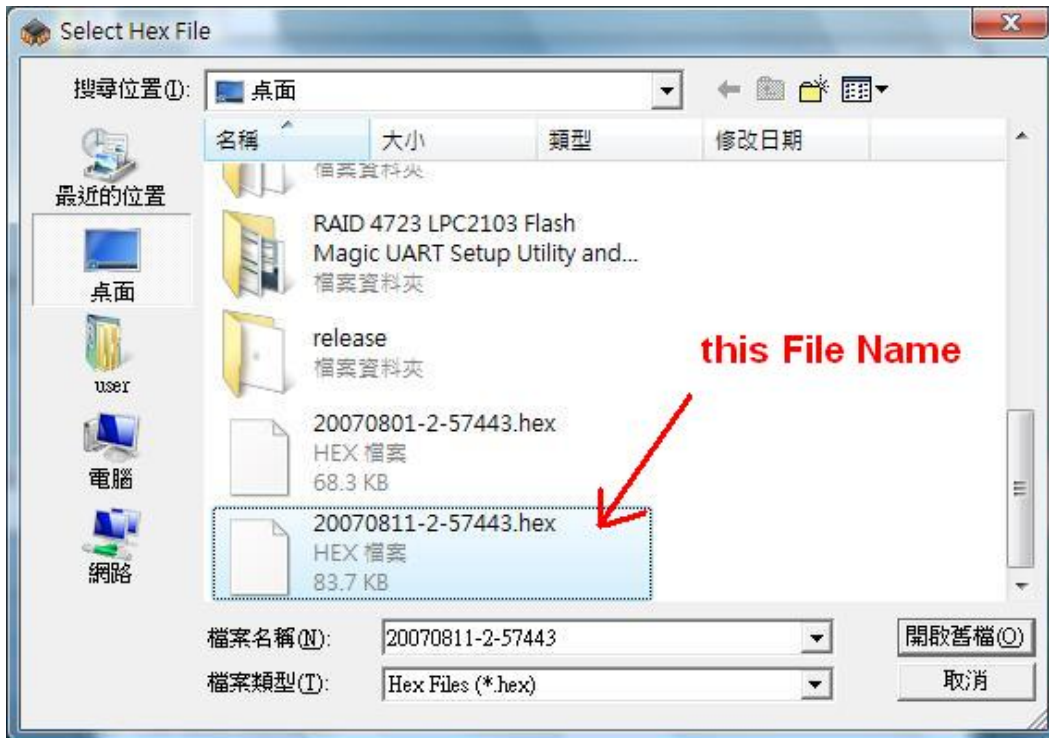
(picture 7)

- (8) Please check the “**Erase all Flash+Code Rd Prot**” box as marked. And then click **Browse** to choose a file for update, see picture 8.



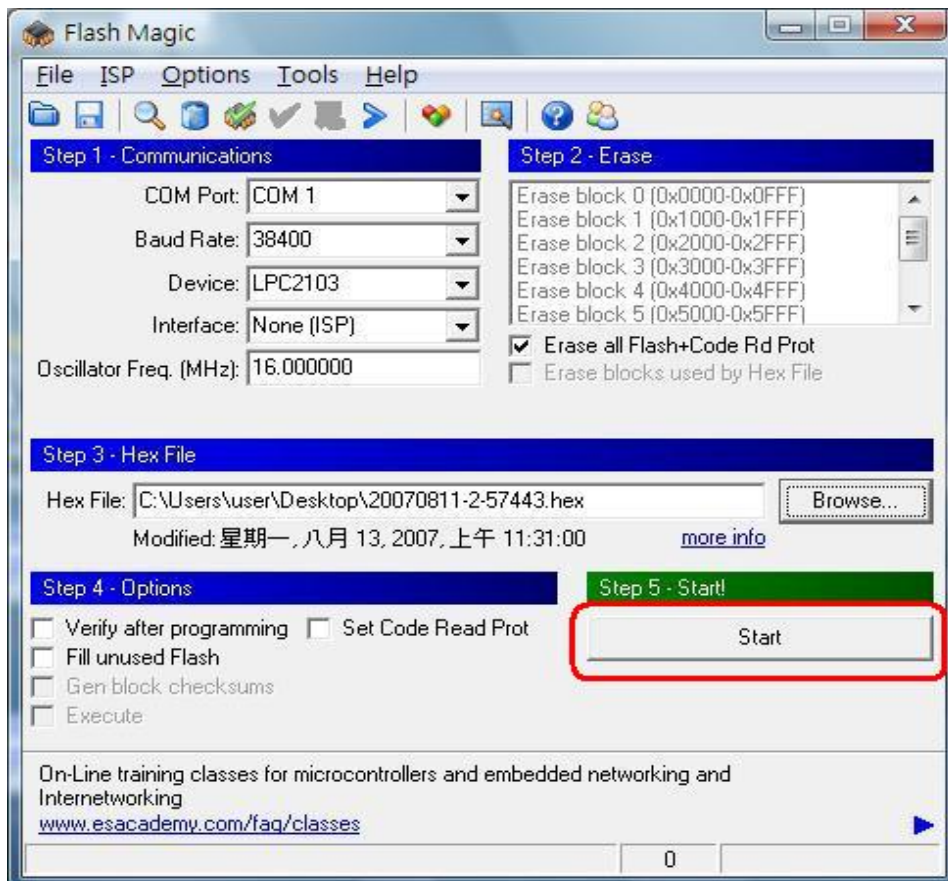
(picture 8)

(9) Search the file name as “20070811-2-57443.hex” and select it, see picture 9.



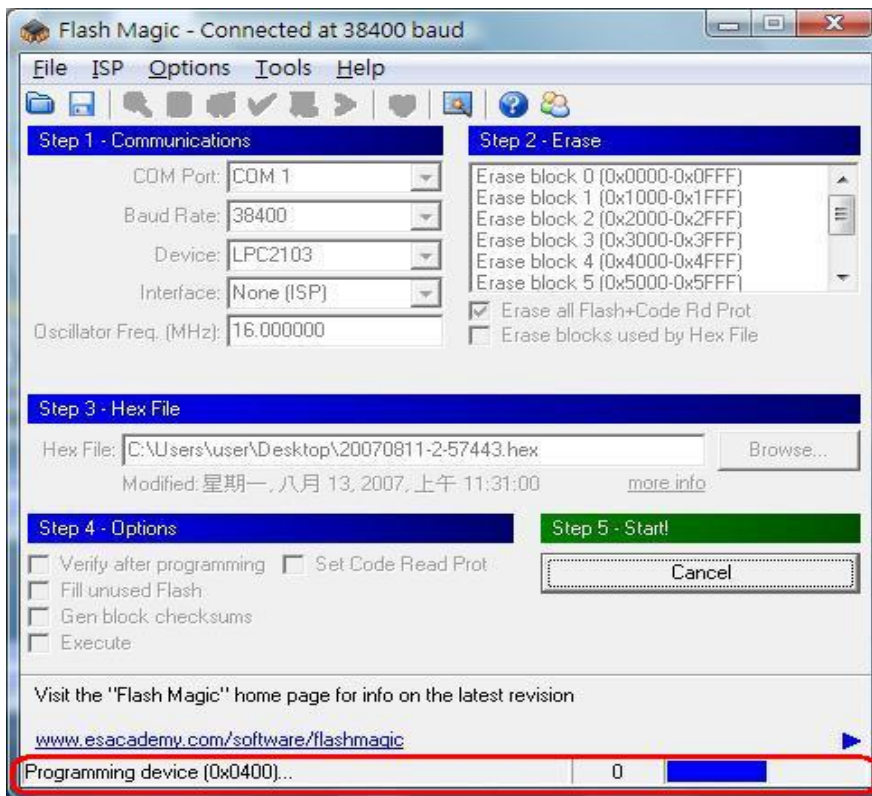
(picture 9)

(10) Click “Start” and the upgrading process will begin, see picture 10.



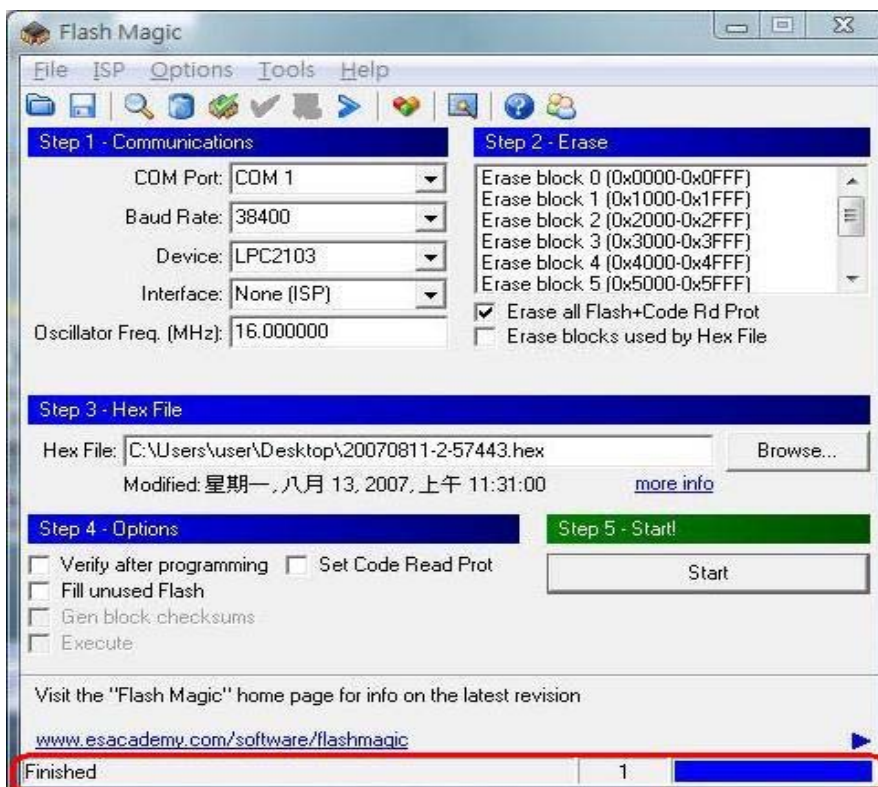
(picture 10)

(11) The upgrading process is shows on the bottom of Flash Magic window, see picture 11.



(picture 11)

(12) When the upgrading process finished, it will show “finished” on the bottom line, see picture 12. Then you are done.



(picture 12)