



Procedure for the
update of the firmware
in the
DSF80
and in the
DSF80E



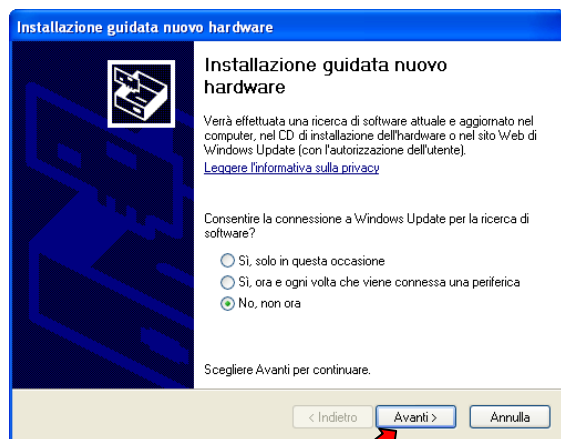
Procedure for the update of the firmware in the DSF80 and in the DSF80E

The up date of the firmware requires to:

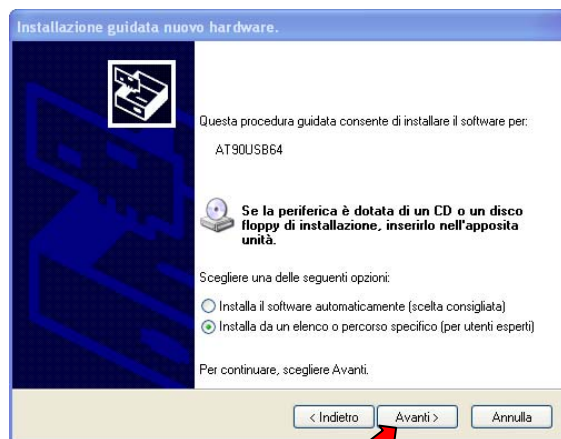
- use a Microsoft Windows (2000, Xp) operative system
- download from the website www.telecogroup.com the file “DSF80EFirmware.hex”:
<http://www.support-telecogroup.com/software/DSF80EFirmware.hex>
- download and install the programming software FLIP, which is available on the following link:
http://www.atmel.com/dyn/products/tools_card.asp?tool_id=3886

Execute the following operations: :

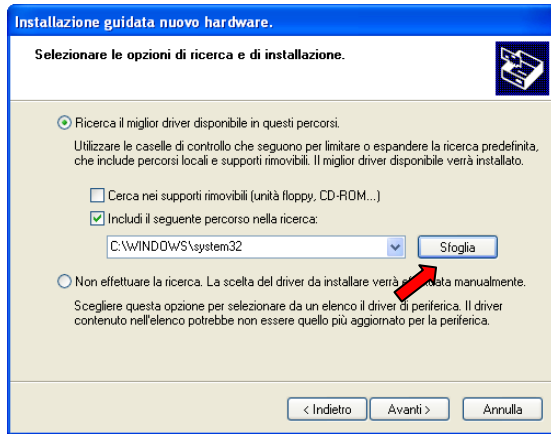
1. Connect the DSF80/E to the computer via A-A Male-Male type USB cable
2. Supply 12Vdc power to the DSD80/E unit
3. Switch off the DSF80/E unit
4. Insert a small pointed object in the hole placed on the left of the notice “adj” and switch on the DSF80/E unit
5. Wait for the operative system to recognize the device (“found new hardware”)
6. Select the option “No, not now” and press the button “Avanti” (forward):



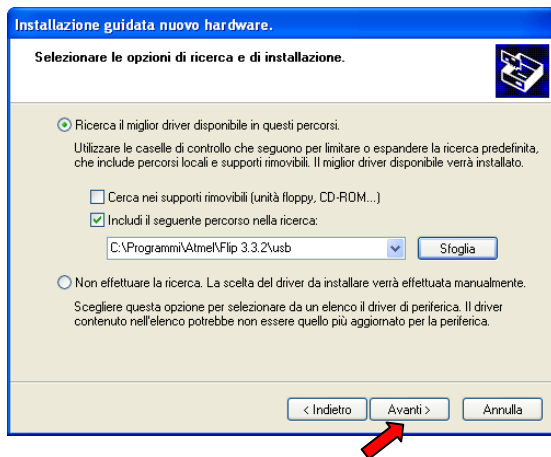
7. Select the option “Install from a list or from a specific path” and press the button “Avanti” (Forward):



8. Press the button “Sfoggia” (browse) and select the folder “usb” inside the installation path of the programming software “FLIP” (c:\Programmes\Atmel\Flip\usb)



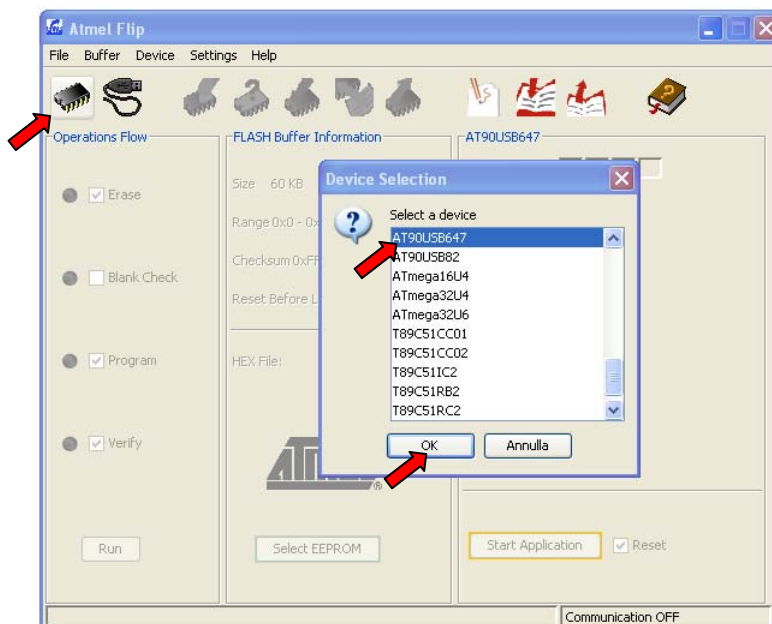
9. Press the button “Avanti” (Forward) and confirm until the installation of the drivers in the device has been completed.



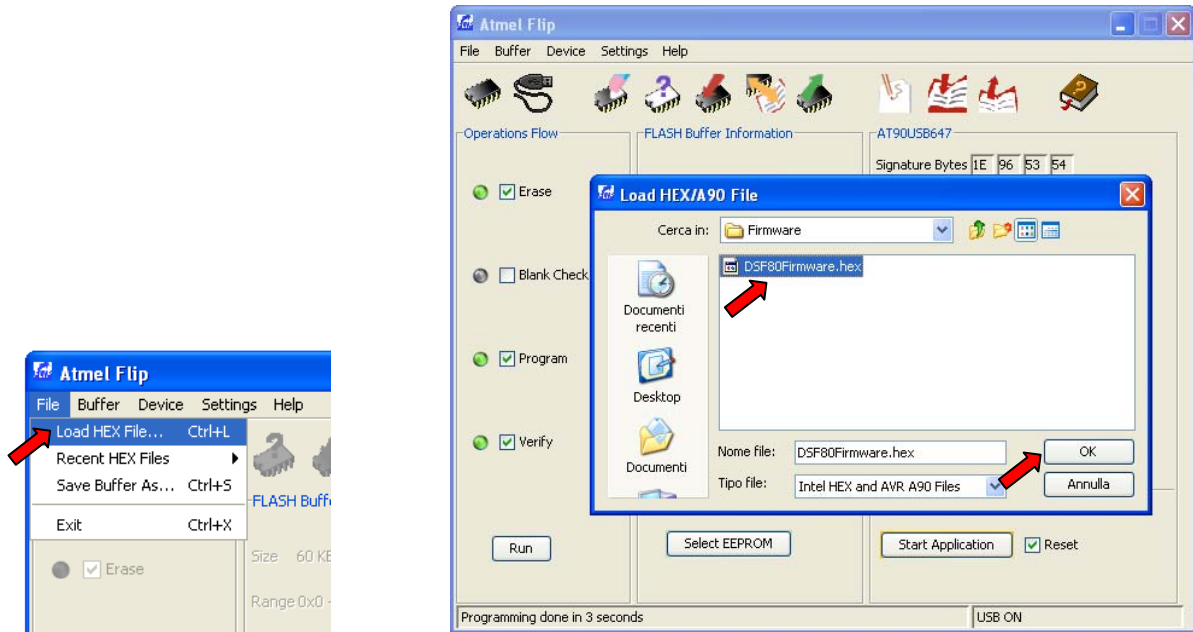
10. Start the programming software FLIP



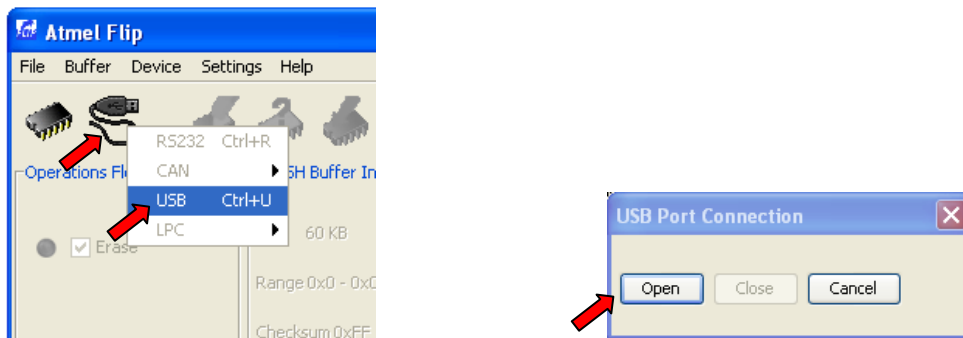
11. Press the button “Device→Select”, select the device “AT90USB647” and press the button “OK”



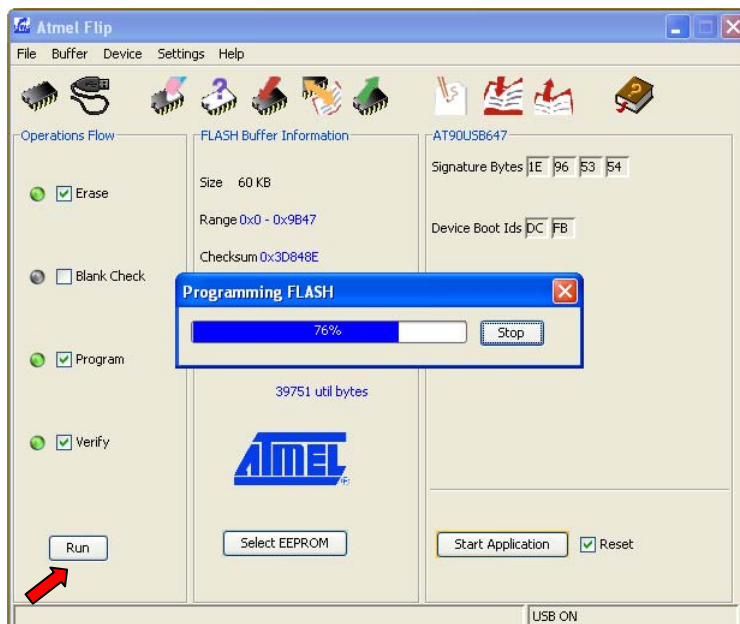
12. Select from the menu “File→Load Hex File...” and then select the file firmware (DSF80EFirmware.hex), previously downloaded from the website Teleco



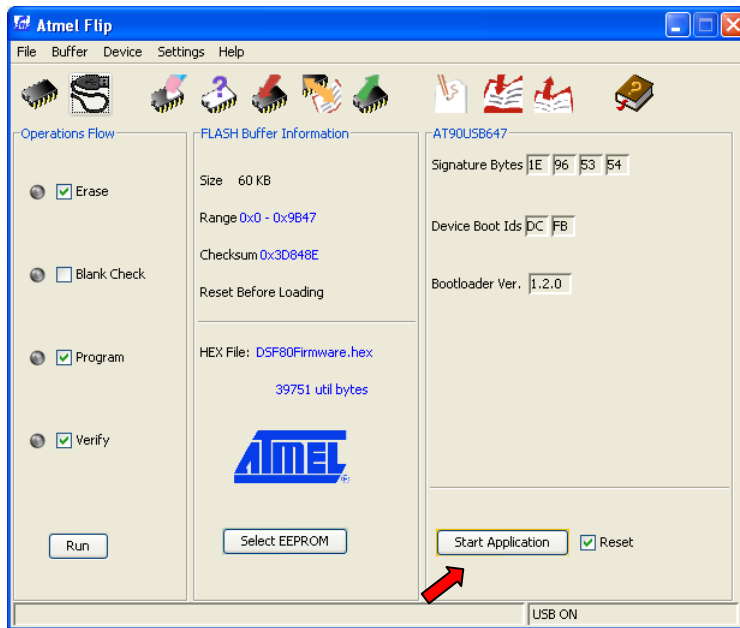
13. Press the button “Settings→Communication→USB”. When the window appears, press the button “Open”



14. Press the button “Run” and wait until the programming has been completed



15. Press the button “*Start Application*”: the DSF80/E is now updated and ready to be used.



Please note: for the update of further DSF80/E units, it's now enough to insert a small pointed object into the hole placed on the left of the notice Adj", to swich on the DSF80/E unit and to repeat the steps from number 13 onwards.



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