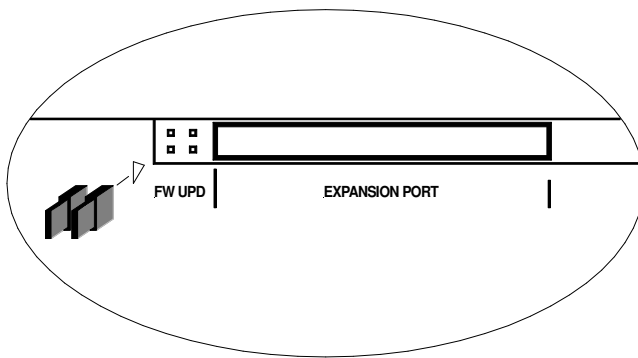


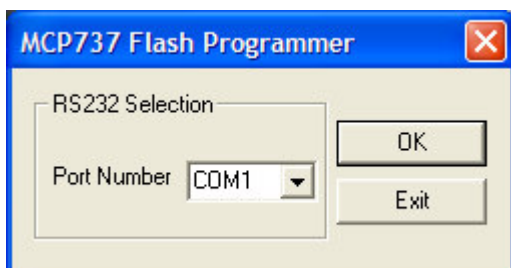
PROCEDURE FOR MCP737 FIRMWARE UPGRADE

The firmware upgrade of MCP737 is a simple, but also delicate operation. Failure in procedure may permanently damage the MCP. Follow the instruction below and avoid to upgrade the firmware without a real necessity or in a not reliable condition (unreliable power supply, unstable PC etc.). Before proceed to the upgrade check software version compatibility and update the software also if required.

- 1- Download firmware at <http://www.cpflight.com/sito/downloads/downloads.asp> ;
- 2- Unzip files in a temporary folder;
- 3- Disconnect supply from MCP; disconnect external modules and expansion board if any;
- 4- Insert the two links (the little black hoods that has been supplied wit the MCP) on the pin marked "FW UPD" on back of the MCP (insert vertically as indicated in the figure below);

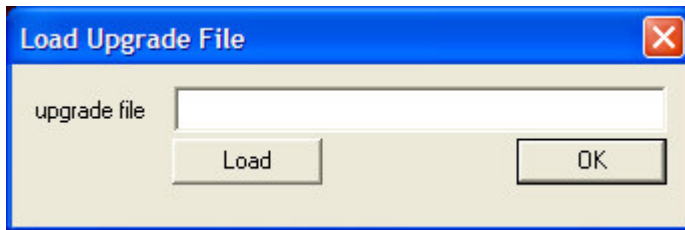


- 5- Connect power supply to the MCP;
- 6- Be sure to close all application before run the firmware upgrade application;
- 7- Run UPGRADE.EXE program you have unzipped in your folder, the following dialog will prompt:

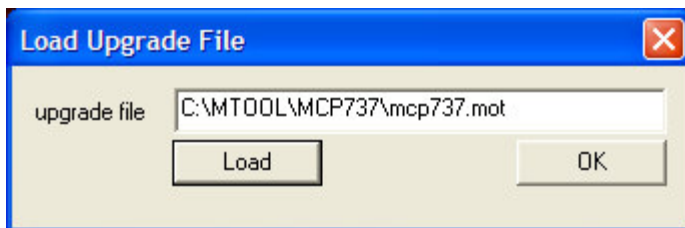


select the com-port (if different from 1) and click on OK;

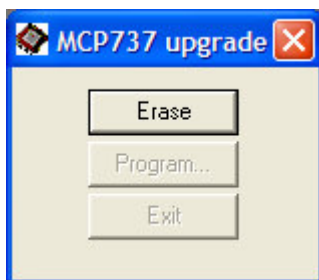
Click on "Load" button and browse the mcp737xxx.mot file (where xxx represent the release number) in the folder where you have extracted the mcpfwxxx.zip file; select it and proceed;



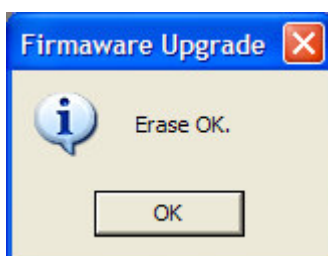
After mcp737xxx.mot selection, the file name will be shown into "upgrade file" field like show on the following picture:



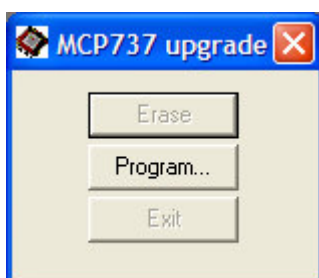
Click on OK button; the following dialog will prompt:



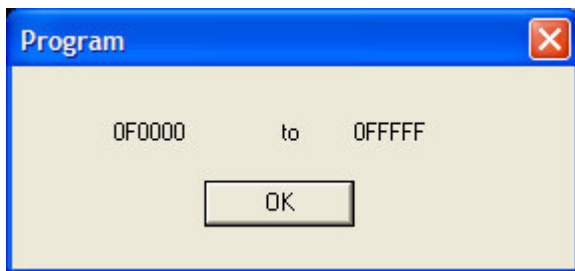
Click on the Erase button (the only enabled) to erase the memory for programming.
At the end of erase phase the following dialog will prompt; push OK to proceed:



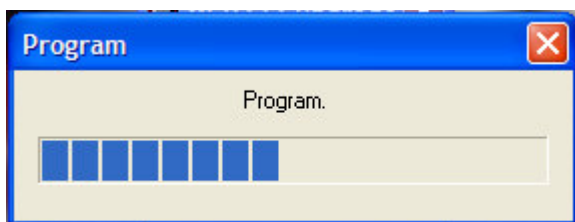
Now click on Program.. button;



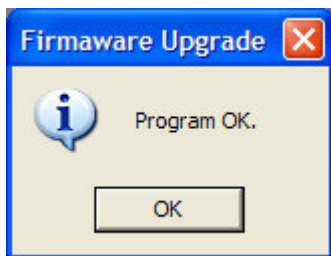
The program show following info dialog. Please press OK to proceed;



Upgrade firmware phase is signalled by a progress bar. During the programming, the backlight led's on the MCP hardware will flash.



At the end of program procedure following dialog will prompt, please press OK button to continue;



Now press to Exit button and wait till the dialog will close;



8- Firmware has upgraded; disconnect supply from MCP

9- Remove the two links from the pin "FW UPD"

10- Reconnect external modules and expansion board if any

11- Reconnect power supply to the MCP

Run MCP_CONF and check the firmware revision on IAS/MACH display.