

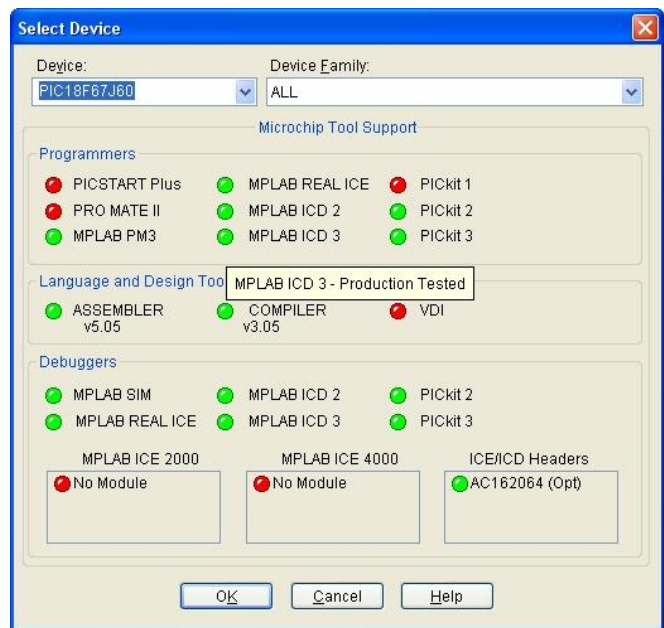
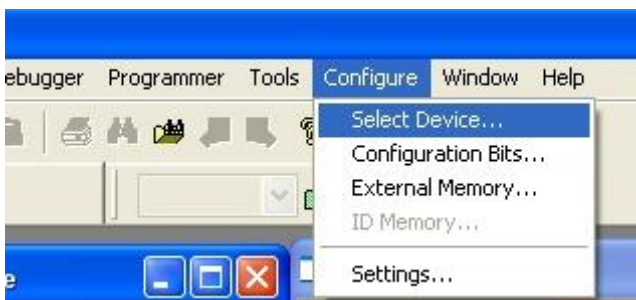


## PAE212: TCP/IP Interface Board

### Re-Programming Guide

Revision 1.0  
 May 2011  
 Pakton Technologies

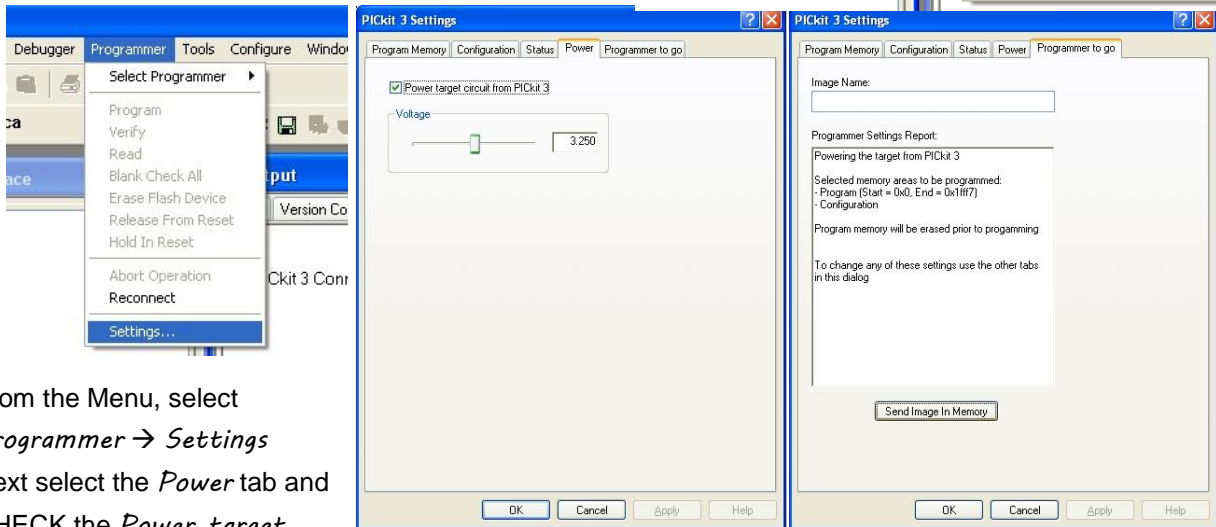
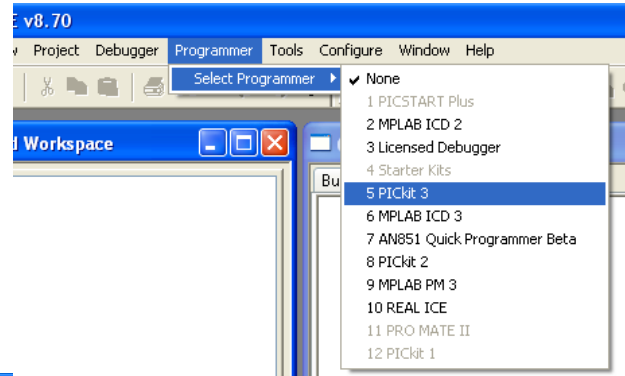
#### Re-Programming using the PICKit3 (MPLAB Must be Used):



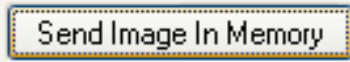
- 1) Open MPLAB
- 2) From the Menu, select *Configure* → *Select Device...* → *PIC18F67J60*
- 3) From the Menu, select *File* → *Import*
- 4) Select the correct HEX file from the following directory:  
H:\PRODUCTS\PAE212\Firmware\Current\

| Pakton # | Function                   | File |
|----------|----------------------------|------|
| PAE212a  | WebServer JVA Spanish      |      |
|          | WebServer JVA Portuguese   |      |
| PAE212b  | WebServer Pakton Chinese   |      |
| PAE212   | Perimeter Patrol Interface |      |

- 5) From the Menu, select  
*Programmer → Select Programmer → PICkit 3*



- 6) From the Menu, select  
*Programmer → Settings*
- 7) Next select the *Power* tab and  
CHECK the *Power target*  
*circuit from PICkit* box and press *Apply*

- 8) Finally select the *Programmer to go* tab and press the  button

- 9) The button on the PICKit will now program a PAE212 when it is pressed.

- 10) Close MPLAB

- 11) Connect the PICKit 3 programming  
header to the PAE212 as shown  
(ICSP header T3)

- 12) The Green LED D4 should be ON,  
but dim

- 13) Press the button on the PICKit 3 to  
program the PAE212. The STATUS  
LED should change to Orange and  
then Green if programmed  
correctly. It will flash Red if it failed.

