

PIC FAR CALL and FAR JUMP macros for non-contiguous memory PICS

Nice neat FAR CALL / JUMP for 16F877 (easy to tweak). Sets the correct page in flash before jumping so as not to cause crashes through misdirection.

The 16F87x series has 8K of flash but it is divided into 4 pages of 2K. If you want to CALL or JUMP to somewhere out of the page where your code is currently executing, you need to use these otherwise you'll just end up somewhere in the same page as you are now - you'll get really weird crashes.

This is not a problem if your assembled code is less than 2K so you don't need FAR jumps.

```
NOLIST

; FAR CALL, & JUMP routines for cross 2k page
FAR_JUMP MACRO LBL
    PAGESEL    LBL
    GOTO       LBL
ENDM

FAR_CALL MACRO LBL
    PAGESEL    LBL
    CALL       LBL
    PAGESEL    $
ENDM
```

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