

doppio_lampeggiatore

;Lampeggiatore per display 7-segmenti anodo comune

```

List          P=PIC16F877A
Include       "p16F877a.inc"
ERRORLEVEL -302
__CONFIG _CP_OFF & _WDT_OFF & _BODEN_OFF & _PWRTE_ON & _LVP_OFF & _XT_OSC

COUNT_L     EQU      0x20
COUNT_H     EQU      0x21
ORG          0x00
BSF          STATUS,RP0
MOVLW        0
MOVWF        TRISD
BCF          STATUS,RP0
MOVLW        0xFF
MOVWF        COUNT_L
MOVWF        COUNT_H

MAINLOOP     MOVLW      0x01
             MOVWF      PORTD
             CALL       DELAY
             MOVLW      0xFF
             MOVWF      PORTD
             CALL       DELAY

             MOVLW      0x00
             MOVWF      PORTD
             CALL       DELAY
             MOVLW      0xFE
             MOVWF      PORTD
             CALL       DELAY

             GOTO        MAINLOOP

DEL200MS     DECFSZ     COUNT_L,1
             GOTO        DEL200MS
             MOVLW      0xFF
             MOVWF      COUNT_L
             DECFSZ     COUNT_H,1
             GOTO        DEL200MS
             MOVLW      0xFF
             MOVWF      COUNT_L
             MOVWF      COUNT_H
             RETURN

DELAY        CALL       DEL200MS
             CALL       DEL200MS
             CALL       DEL200MS
             CALL       DEL200MS
             CALL       DEL200MS
             RETURN
END

```