



```

        goto main

ORG 0x05

main

        movwf OSCCAL

        movlw b'00000110'

        TRIS GPIO

        movlw 0x78                ; set DelayH to 20 seg
        call Delay1000           ; Execute a 20000ms delay

inicio BSF    GPIO,0

        movlw 6h                ; set DelayH to 6
        call Delay1000           ; Execute a 1000ms delay

        BCF GPIO,0

                                ; Esperamos un
pulso 'Manual'
manual  btfsc GPIO,1            ;
PortA1 goto manual              ; Loop mientras no se active

        goto inicio             ; Ejecutamos el pulso

;
; -----
; SUBROUTINE: waste time for [REG_W] mS
; -----
;
;          movlw 6h              ; set DelayH to 3

Delay1000
        clrf DelayL              ; /R clear DelayL to 0
        clrf DelayM              ; clear DelayM to 0
        movwf DelayH

Wait1  decfsz DelayL,f          ; subtract 1 from DelayL
    
```

