

```

LIST P=16F877
#include <P16F877.INC>

```

```

BANKSEL TRISC
MOVLW 0x00
MOVWF TRISC

```

```

BANKSEL TRISD
BSF TRISD,3

```

```

BANKSEL OPTION_REG
BCF OPTION_REG,T0CS
BCF OPTION_REG,T0SE
BCF OPTION_REG,PSA
BSF OPTION_REG,PS2
BSF OPTION_REG,PS1
BSF OPTION_REG,PS0

```

```

DELAY:
BANKSEL TMRO
BTFSS TMRO,7
GOTC DELAY
GOTC BLINK

```

```

BLINK:
BTFSC PORTC,0
GOTC OFF
GOTC ON

```

```

ON:
BSF PORTC,0
GOTC DELAY

```

```

OFF:
BCF PORTC,0
GOTC DELAY

```

```

END

```

