

Listing du fichier magneto. Hex

:100000008A110A1205280000090083168101831253
:100010002830850083162830850083128316283007
:100020009500831283168030900083128B01831613
:100030009601831283168C01831207309900703069
:100040009000AE0105108510051105128510F430E1
:10005000A0000130A100EE208514F430A000013092
:10006000A100EE208510F430A0000130A100EE20A8
:100070008514F430A0000130A100EE208510851A0F
:1000800048282E08013EAE006430A000A101EE20F9
:100090001F30830505302E02031850283F289A2868
:1000A0001F3083058514D030A0000730A100EE205A
:1000B00085100130AD002D080A3C031C75289D20D9
:1000C0009D20A020A020A0209D20A0209D20A02039
:1000D000A0209D209D20A020A0205830A000A1019C
:1000E000EE200130AD07031C5B281F3083058830EC
:1000F000A0001330A100EE200130AD002D080A3C15
:10010000031C98289D209D20A020A020A0209D2099
:10011000A0209D209D209D20A0209D209D209D20F1
:100120005830A000A101EE200130AD07031C7E284D
:100130001F3083051F3083059C28C520A32008009D
:10014000A320C520080005140130AC002C08203C79
:10015000031CC22800000000000005100000000081
:100160000000000000000000000000000000008F
:100170000000000000000000000005140130AC0782
:10018000031CA6281F308305080005100130AC00B1
:100190002C08203C031CEA280000000000000009E
:1001A0000000000000000000000000000000004F
:1001B00000000000000000000000000000000003F
:1001C000000000000000000000000000000000074B
:1001D000031CC8281F3083050800ED28A008031958
:1001E000F9280021A00300000000000000000002A
:1001F000EE28A108031908000021A103A003EE289E

Listing basic (avec sous programme en assembleur)

```
'(magneto.bas pic12F629 )
'Important
' mettre GP3 à 5V
'LIST P=12F629
'#INCLUDE <P12F629.inc>
'__CONFIG __CP_OFF & __CPD_OFF & __BODEN_OFF & __MCLRE_ON & __PWRTE_OFF &
__WDT_OFF & __INTRC_OSC_NOCLKOUT

OPTION_REG = %00000000
GPIO = %00101000
TRISIO = %00101000 ' GP3 pas utilisé GP5 entrée
WPU = %00101000
OSCCAL = %10000000
INTCON = %00000000
IOC = %00000000
PIE1 = %00000000
CMCON = %00000111
T1CON = %01110000
Dim i As Byte
Dim j As Byte
Dim t As Byte
Symbol sw5 = GPIO.5
Symbol led1 = GPIO.1 'led visualisation
Symbol led0 = GPIO.0 'commande infrarouge
t = 0
led0 = 0
led1 = 0
WaitMs 500 'attendre 500 milliseconde
led1 = 1
WaitMs 500
led1 = 0
WaitMs 500
led1 = 1
WaitMs 500
led1 = 0
test:
If sw5 = 0 Then
t = t + 1
WaitMs 100
Endif
If t < 5 Then
Goto test
Else
led1 = 1
WaitMs 2000
led1 = 0
For j = 1 To 10 'génération de 10 fois le code de mise en route du magnéto
Gosub un
Gosub un
Gosub zero
Gosub zero
Gosub zero
Gosub un
Gosub zero
```

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```
Gosub un  
Gosub zero  
Gosub zero  
Gosub un  
Gosub un  
Gosub zero  
Gosub zero  
WaitMs 88  
Next j
```

```
WaitMs 5000
```

```
For j = 1 To 10 'génération de 10 fois le code de mise en route de l'enregistrement
```

```
Gosub un  
Gosub un  
Gosub zero  
Gosub zero  
Gosub zero  
Gosub un  
Gosub zero  
Gosub un  
Gosub un  
Gosub un  
Gosub zero  
Gosub un  
Gosub un  
Gosub un  
Gosub un  
WaitMs 88  
Next j  
Endif
```

```
End
```

```
un:
```

```
Gosub salve0  
Gosub salve1  
Return
```

```
zero:
```

```
Gosub salve1  
Gosub salve0  
Return
```

```
salve1:
```

```
ASM:    bsf 0x05,0
```

```
For i = 1 To 32
```

```
ASM:    nop
```

```
ASM:    nop
```

```
ASM:    nop
```

```
ASM:    bcf 0x05,0
```

```
ASM:    nop
```

