

```

$crystal = 12000000
$regfile = "89C2051.DAT"

Seg_a Alias P1.0
Seg_b Alias P3.7
Seg_c Alias P1.6
Seg_d Alias P1.4
Seg_e Alias P1.3
Seg_f Alias P1.1
Seg_g Alias P1.2
Seg_h Alias P1.5

Buz_ Alias P3.5
In_ Alias P3.4
Out_ Alias P3.3
S1_ Alias P3.1
Jp_ Alias P3.0

Dim Count_time As Byte
Dim Temp As Byte

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' POCZĄTEK PROGRAMU

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Out_ = 1
Buz_ = 1
Seg_a = 1
Seg_b = 0
Seg_c = 0
Seg_d = 1
Seg_e = 1
Seg_f = 1
Seg_g = 1

Count_time = 1

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' POCZĄTEK PĘTLI GŁOWNEJ

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Do

If S1_ = 0 Then
    Waitms 40
Do
Loop Until S1_ = 1
    Waitms 40
Incr Count_time
If Count_time > 10 Then Count_time = 1
Select Case Count_time
    Case 1 :
        Seg_a = 1
        Seg_b = 0

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        Seg_c = 0
        Seg_d = 1
        Seg_e = 1
        Seg_f = 1
        Seg_g = 1
    Case 2 :
        Seg_a = 0
        Seg_b = 0
        Seg_c = 1
        Seg_d = 0
        Seg_e = 0
        Seg_f = 1
        Seg_g = 0
    Case 3 :
        Seg_a = 0
        Seg_b = 0
        Seg_c = 0
        Seg_d = 0
        Seg_e = 1
        Seg_f = 1
        Seg_g = 0
    Case 4 :
        Seg_a = 1
        Seg_b = 0
        Seg_c = 0
        Seg_d = 1
        Seg_e = 1
        Seg_f = 0
        Seg_g = 0
    Case 5 :
        Seg_a = 0
        Seg_b = 1
        Seg_c = 0
        Seg_d = 0
        Seg_e = 1
        Seg_f = 0
        Seg_g = 0
    Case 6 :
        Seg_a = 0
        Seg_b = 1
        Seg_c = 0
        Seg_d = 0
        Seg_e = 0
        Seg_f = 0
        Seg_g = 0
    Case 7 :
        Seg_a = 0
        Seg_b = 0
        Seg_c = 0
        Seg_d = 1

```

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        Seg_e = 1
        Seg_f = 1
        Seg_g = 1
    Case 8 :
        Seg_a = 0
        Seg_b = 0
        Seg_c = 0
        Seg_d = 0
        Seg_e = 0
        Seg_f = 0
        Seg_g = 0
    Case 9 :
        Seg_a = 0
        Seg_b = 0
        Seg_c = 0
        Seg_d = 0
        Seg_e = 1
        Seg_f = 0
        Seg_g = 0
    Case 10 :
        Seg_a = 0
        Seg_b = 0
        Seg_c = 0
        Seg_d = 0
        Seg_e = 0
        Seg_f = 0
        Seg_g = 1
End Select
End If
If In_ = 0 Then
    Waitms 50
If Jp_ = 0 Then Waitms 180
Seg_h = 0
Out_ = 0
    For Temp = 1 To Count_time
        Waitms 100
    Next Temp
    Out_ = 1
    Seg_h = 1
    Buz_ = 0
    Do
    Loop Until In_ = 1
    Waitms 20
    Buz_ = 1
End If
Loop

```

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```

End

```